

Deluxe Bare

One of the very best ranges of slim line, economical battens available today, designed to suit numerous commercial and semi-industrial applications.



Features

- Body roll-formed from 0.5mm steel with unique rippled edges for added strength
- Fully powder coated in non-discolouring white polyester
- Polycarbonate non-discolouring lamp holder end caps with easily replaceable built-in lamp holders
- 25mm rolled cable entry eliminates the need for cable grommets on installation
- True end to end mounting possible with knock outs for wiring
- Captive cover plate with polycarbonate ¼ turn clip
- Semi circular slots provided in the back of the body for easy alignment when installing

- Complete with high quality lamps colour 840
- Supplied with low loss ballasts
- High power factor

Applications

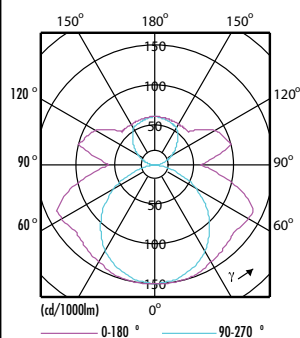
General domestic and commercial interiors, retail stores and outlets, factories, warehouses and shopping centres.



Technical

DB236 - 2 x 36W

Polar intensity diagram



Utilisation factor table

Reflectances			Room Index									
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	42	49	55	60	66	71	74	79	82	
0.70	0.30	0.20	35	42	48	53	60	65	69	74	78	
0.70	0.10	0.20	30	36	43	47	55	60	64	70	74	
0.50	0.50	0.20	37	44	49	53	59	62	65	69	72	
0.50	0.30	0.20	31	37	43	47	54	58	61	66	69	
0.50	0.10	0.20	27	33	39	43	49	54	58	62	66	
0.30	0.50	0.20	33	38	43	46	51	55	57	60	63	
0.30	0.30	0.20	28	33	38	42	47	51	54	58	60	
0.30	0.10	0.20	25	30	35	38	44	48	51	55	58	
0.00	0.00	0.00	20	24	28	31	35	39	41	44	47	

Ceiling mounted

Light output ratio 0.93
Service upward 0.33
Service downward 0.60

CIE flux code 35 64 87 65 93

SHR NOM (square) 1.50
SHR MAX (square) 1.60
SHR MAX (continuous) 2.18
UGRcen (4Hx8H, 0.25H) 26

Product Codes		Dim	Mass
Code	Version	(mm)	(kg)
DB118H	1 x 18W T8	619 x 50 x 90	1.2
DB218H	2 x 18W T8	619 x 68 x 90	1.4
DB130H	1 x 30W T8	927 x 60 x 100	1.8
DB136H	1 x 36W T8	1228 x 50 x 90	2.0
DB236H	2 x 36W T8	1228 x 68 x 90	2.7
DB158H	1 x 58W T8	1528 x 50 x 90	2.8
DB258H	2 x 58W T8	1528 x 68 x 90	4.2
Accessories - see technical section for product codes			
Open ended dispersive reflector			
Open ended upward slotted reflector			
Right angle reflector			
Wire guards			



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Commercial

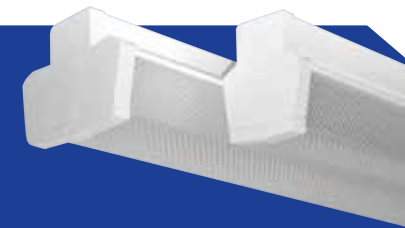
IP20



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Deluxe Diamond

Traditional diamond diffused slim line fluorescent batten.



Features

- Body roll-formed from 0.5mm steel with unique rippled edges for added strength
- Fully powder coated in non-discolouring white polyester
- Polycarbonate non-discolouring lamp holder end caps with easy replaceable built-in lamp holders
- Tough Y12 diamond pattern acrylic diffuser retained by polycarbonate end caps with unique clip design allowing true end to end mounting
- 25mm rolled cable entry eliminates the need for cable grommets on installation.
- Captive cover plate polycarbonate ¼ turn clip
- Semi circular slots provided in the back of the body for easy positive in-line alignment when installing

Applications

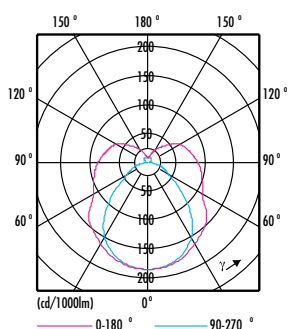
General commercial interiors, domestic applications, gymnasiums, retail stores, shopping centres, apartment buildings as well as stairwells, change rooms, amenity facilities, hotels, clubs and warehouses.



Technical

DBD236 - 2 x 36W

Polar intensity diagram



Utilisation factor table

Reflectances			Room Index								
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	37	44	49	53	58	62	64	68	70
0.70	0.30	0.20	31	38	43	47	53	57	60	64	67
0.70	0.10	0.20	27	34	39	43	49	53	56	61	64
0.50	0.50	0.20	34	40	45	48	53	56	58	61	64
0.50	0.30	0.20	29	35	40	44	49	52	55	58	61
0.50	0.10	0.20	26	32	36	40	45	49	52	56	59
0.30	0.50	0.20	32	37	41	44	48	51	53	55	57
0.30	0.30	0.20	27	33	37	40	44	48	50	53	55
0.30	0.10	0.20	24	30	34	37	42	45	47	51	53
0.00	0.00	0.00	21	26	29	32	36	38	41	44	46

Ceiling mounted

Light output ratio 0.77
Service upward 0.19
Service downward 0.58

CIE flux code 43 69 86 75 77

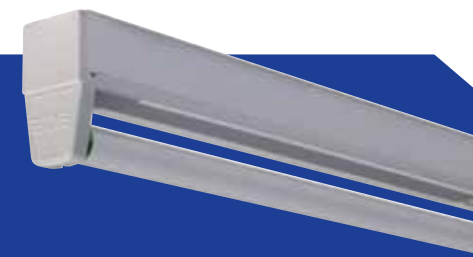
SHR NOM (square) 1.25
SHR MAX (square) 1.45
SHR MAX (continuous) 1.91
UGRcen (4Hx8H, 0.25H) 23

Product Codes		Dim	Mass
Code	Version	(mm)	(kg)
DBD118H	1 x 18W T8	619 x 86 x 110	1.5
DBD218H	2 x 18W T8	619 x 145 x 110	1.7
DBD130H	1 x 30W T8	929 x 86 x 110	1.9
DBD136H	1 x 36W T8	1229 x 86 x 110	2.4
DBD236H	2 x 36W T8	1229 x 145 x 110	3.5
DBD158H	1 x 58W T8	1530 x 86 x 110	3.0
DBD258H	2 x 58W T8	1530 x 145 x 110	4.4



Deluxe Electronic

An energy efficient slim line batten, complete with electronic ballast to enable BCA compliant designs.



Features

- Body roll-formed from 0.5mm steel with unique rippled edges for added strength.
- Fully powder coated in non-discolouring polyester
- Polycarbonate non-discolouring lamp holder end caps with easily replaceable built in lamp holders
- 25mm rolled cable entry eliminates the need for cable grommets on installation
- True end to end mounting possible with knock outs for wiring
- Captive cover plate polycarbonate ¼ turn clip
- Semi circular slots provided in the back of the body for easy alignment when installing

- Supplied with 50 000 hr electronic ballast
- Complete with high quality lamps colour 840

Applications

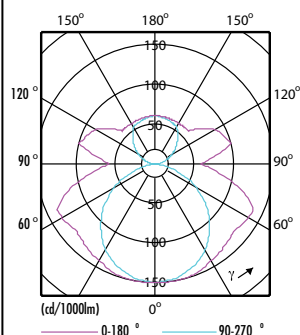
General commercial interiors, retail stores and outlets, factories, and warehouses.



Technical

DBE236 - 2 x 36W

Polar intensity diagram



Utilisation factor table

Reflectances			Room Index									
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	42	49	55	60	66	71	74	79	82	
0.70	0.30	0.20	35	42	48	53	60	65	69	74	78	
0.70	0.10	0.20	30	36	43	47	55	60	64	70	74	
0.50	0.50	0.20	37	44	49	53	59	62	65	69	72	
0.50	0.30	0.20	31	37	43	47	54	58	61	66	69	
0.50	0.10	0.20	27	33	39	43	49	54	58	62	66	
0.30	0.50	0.20	33	38	43	46	51	55	57	60	63	
0.30	0.30	0.20	28	33	38	42	47	51	54	58	60	
0.30	0.10	0.20	25	30	35	38	44	48	51	55	58	
0.00	0.00	0.00	20	24	28	31	35	39	41	44	47	

Ceiling mounted

Light output ratio **0.93**
Service upward **0.33**
Service downward **0.60**

CIE flux code **35 64 87 65 93**

SHR NOM (square) **1.50**
SHR MAX (square) **1.60**
SHR MAX (continuous) **2.18**
UGRcen (4Hx8H, 0.25H) **26**

Product Codes		Dim	Mass
Code	Version	(mm)	(kg)
DB118EL	1 x 18W T8	619 x 50 x 90	1.0
DB218EL	2 x 18W T8	619 x 68 x 90	1.2
DB136EL	1 x 36W T8	1228 x 50 x 90	1.5
DB236EL	2 x 36W T8	1228 x 68 x 90	2.4
DB158EL	1 x 58W T8	1528 x 50 x 90	2.5
DB258EL	2 x 58W T8	1528 x 68 x 90	3.5
Accessories - see technical section for product codes			
Open ended dispersive reflector			
Open ended upward slotted reflector			
Right angle reflector			
Wire guards			



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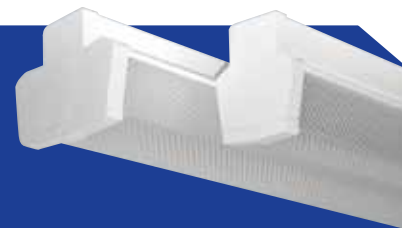
Commercial



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Deluxe Electronic Diamond Diffused

Energy efficient, traditional diamond diffused slim line batten complete with electronic ballast to enable BCA compliant designs.



Features

- Body roll-formed from 0.5mm steel with unique rippled edges for added strength.
- Fully powder coated in non-discolouring polyester
- Polycarbonate non-discolouring lamp holder end caps with easily replaceable built in lamp holders
- 25mm rolled cable entry eliminates the need for cable grommets on installation
- True end to end mounting possible with knock outs for wiring
- Captive cover plate polycarbonate ¼ turn clip
- Semi circular slots provided in the back of the body for easy alignment when installing

- Supplied with 50 000hr electronic ballast
- Complete with high quality colour 840 lamps

Applications

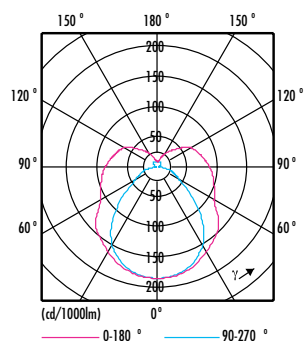
General commercial interiors, domestic applications, gymnasiums, retail stores, shopping centres, apartment buildings, stairwells, change rooms, amenity facilities, and warehouses.



Technical

DBDE236 - 2 x 36W

Polar intensity diagram



Utilisation factor table

Reflectances			Room Index									
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	37	44	49	53	58	62	64	68	70	
0.70	0.30	0.20	31	38	43	47	53	57	60	64	67	
0.70	0.10	0.20	27	34	39	43	49	53	56	61	64	
0.50	0.50	0.20	34	40	45	48	53	56	58	61	64	
0.50	0.30	0.20	29	35	40	44	49	52	55	58	61	
0.50	0.10	0.20	26	32	36	40	45	49	52	56	59	
0.30	0.50	0.20	32	37	41	44	48	51	53	55	57	
0.30	0.30	0.20	27	33	37	40	44	48	50	53	55	
0.30	0.10	0.20	24	30	34	37	42	45	47	51	53	
0.00	0.00	0.00	21	26	29	32	36	38	41	44	46	

Ceiling mounted

Light output ratio 0.77
Service upward 0.19
Service downward 0.58

CIE flux code 43 69 86 75 77

SHR NOM (square) 1.25
SHR MAX (square) 1.45
SHR MAX (continuous) 1.91
UGRcen (4Hx8H, 0.25H) 23

Product Codes		Dim	Mass
Code	Version	(mm)	(kg)
DBD118EL	1 x 18W T8	619 x 86 x 110	1.1
DBD218EL	2 x 18W T8	619 x 145 x 110	1.5
DBD136EL	1 x 36W T8	1229 x 86 x 110	1.6
DBD236EL	2 x 36W T8	1229 x 145 x 110	3.0
DBD158EL	1 x 58W T8	1530 x 86 x 110	3.0
DBD258EL	2 x 58W T8	1530 x 145 x 110	3.8



Deluxe SRS

The high performance SRS reflector and electronic ballast provides a highly efficient luminaire.



Features

- T8 fluorescent narrow body batten complete with energy efficient electronic ballast
- SRS reflector provides increased efficiencies for maximum energy saving
- Body roll-formed from 0.5mm steel with unique rippled edges for added strength
- Fully powder coated in non-discolouring white polyester
- Polycarbonate non-discolouring lamp holder end caps with easily replaceable built in lamp holders
- 25mm rolled cable entry eliminates the need for cable grommets on installation
- True end to end mounting possible with knock outs for wiring
- Captive cover plate polycarbonate ¼ turn clip

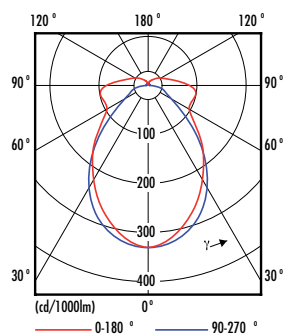
Applications

Retail stores, warehouses, and shopping centres.

Technical

DB136 - 1 x T8 36W / 840 SRS

Polar intensity diagram



Utilisation factor table

Reflectances			Room Index								
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	48	55	60	64	70	73	76	80	82
0.70	0.30	0.20	42	49	54	59	64	69	72	76	79
0.70	0.10	0.20	37	44	50	54	60	64	68	73	76
0.50	0.50	0.20	45	52	57	60	65	69	71	74	76
0.50	0.30	0.20	40	47	52	56	61	65	67	71	74
0.50	0.10	0.20	36	43	48	52	57	61	64	68	71
0.30	0.50	0.20	43	49	54	57	61	64	66	69	71
0.30	0.30	0.20	38	45	49	53	58	61	63	67	69
0.30	0.10	0.20	35	41	46	49	55	58	61	65	67
0.00	0.00	0.00	32	38	42	45	50	53	55	58	60

Ceiling mounted

Light output ratio 0.85
Service upward 0.12
Service downward 0.73

CIE flux code 52 76 89 86 85

SHR NOM (square) 1.25
SHR MAX (square) 1.25
SHR MAX (continuous) 1.51
UGRcen (4Hx8H, 0.25H) 22

Product Codes		Dim	Mass
Code	Version	(mm)	(kg)
DB118EL	1 x 18W T8	619 x 50 x 90	1.0
DB218EL	2 x 18W T8	619 x 68 x 90	1.2
DB136EL	1 x 36W T8	1228 x 50 x 90	1.5
DB236EL	2 x 36W T8	1228 x 68 x 90	2.4
DB158EL	1 x 58W T8	1528 x 50 x 90	2.5
DB258EL	2 x 58W T8	1528 x 68 x 90	3.5

Accessories

High efficiency industrial and retail reflectors only
to suit DB bare battens
99015588
1 x 36W open ended SRS reflector - suits DB136EL
99015589
1 x 58W open ended SRS reflector - suits DB158EL
99015590
2 x 36W open ended SRS reflector - suits DB236EL
99015591
2 x 58W open ended SRS reflector - suits DB258EL



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Commercial

IP20



Max. Mass

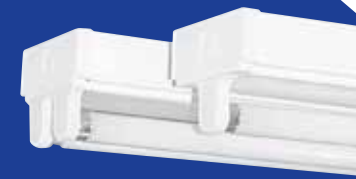


to 25

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Regency Bare

A superior range of quality wide body battens.



Features

- Body roll-formed from 0.5mm steel with unique rippled edges for added strength
- Fully powder coated in non-discolouring white polyester
- Polycarbonate non-discolouring lamp holder end caps with easily replaceable built-in lamp holders
- End caps have knock-outs to enable flush end to end mounting
- 25mm rolled cable entry eliminates the need for cable grommets on installation
- Captive cover plate polycarbonate ¼ turn clip
- Semi circular slots provided in the back of the body for easy alignment when installing

- Single and twin tube version have same wide body width
- Supplied with colour 840 lamp/s
- Available with A2 electronic ballast as an option
- Wide range of accessories available

Applications

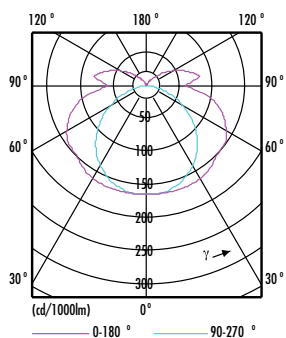
General commercial and semi-industrial interiors, retail outlets, factories, warehouses and particularly multi-storey carparks.



Technical

RY236 - 2 x 36W

Polar intensity diagram



Utilisation factor table

Reflectances			Room Index								
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	39	45	51	55	61	65	68	72	75
0.70	0.30	0.20	32	39	45	49	55	60	63	68	71
0.70	0.10	0.20	28	34	40	44	50	55	59	64	68
0.50	0.50	0.20	36	42	47	51	56	60	62	66	68
0.50	0.30	0.20	31	36	42	46	51	56	59	63	66
0.50	0.10	0.20	27	32	37	41	47	52	55	60	63
0.30	0.50	0.20	34	39	44	47	52	55	57	61	63
0.30	0.30	0.20	29	34	39	43	48	52	54	58	61
0.30	0.10	0.20	25	30	35	39	45	49	52	56	59
0.00	0.00	0.00	22	27	31	35	39	43	46	49	52

Ceiling mounted

Light output ratio 0.80
Service upward 0.14
Service downward 0.66

CIE flux code 36 65 87 82 80

SHR NOM (square) 1.50
SHR MAX (square) 1.65
SHR MAX (continuous) 2.26
UGRcen (4Hx8H, 0.25H) 27

Product Codes		Dim	Mass
Code	Version	(mm)	(kg)
RY118H	1 x 18W T8	620 x 105 x 92	1.5
RY218H	2 x 18W T8	620 x 105 x 92	1.6
RY136H	1 x 36W T8	1228 x 105 x 92	2.4
RY236H	2 x 36W T8	1228 x 105 x 92	2.5
RY158H	1 x 58W T8	1529 x 105 x 92	3.0
RY258H	2 x 58W T8	1529 x 105 x 92	3.1
Accessories - see technical section for product codes			
Angle skirt reflector			
Industrial upward slotted open ended reflector			
Industrial closed end reflector			
Asymmetric right angle reflector			
Wire guards			







Learning
Centre

Imaginarium

Imaginarium

electronic
learning

Jewelry
Sets

Totally Mol
Crafts

6

Science

Science

5

animal
planet

stationery

arts & crafts



Regency Diamond

Square sided, classic diamond diffused wide body batten.
Diffuser end cap design allows for true end-to-end mounting.



Features

- Body roll-formed from 0.5mm steel with unique rippled edges for added strength
- Fully powder coated in non-discolouring white polyester
- Tough Y12 acrylic diamond pattern diffuser retained by white polycarbonate end caps
- PC non-discolouring lamp holder end caps with easily replaceable lamp holders
- Lamp holder end caps have knock outs with moulding provision in the diffuser end caps to enable wiring and flush end to end mounting
- 25mm rolled cable entry eliminates the need for cable grommets on installation
- Captive cover plate polycarbonate ¼ turn clip
- Semi circular slots provided in the back of the body for easy positive in-line alignment when installing
- Single and twin tube versions have same wide body width
- Supplied complete with colour 840 lamp/s
- Available with optional electronic control gear

Applications

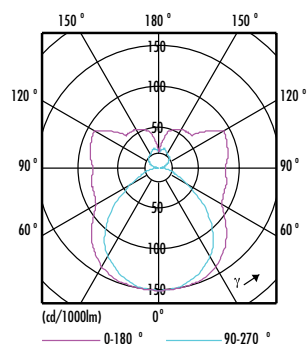
General domestic and commercial applications, ideal for use in kitchens, bathrooms, retail stores, amenity facilities and hospitals.



Technical

RYD236 - 2 x 36W

Polar intensity diagram



Utilisation factor table

Reflectances			Room Index								
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	38	44	48	52	57	61	63	67	69
0.70	0.30	0.20	32	38	43	46	52	56	59	63	66
0.70	0.10	0.20	28	33	38	42	48	52	55	59	63
0.50	0.50	0.20	34	39	43	46	50	53	56	59	60
0.50	0.30	0.20	29	34	39	42	46	50	52	56	58
0.50	0.10	0.20	26	30	35	38	43	47	49	53	56
0.30	0.50	0.20	30	35	38	41	44	47	49	51	53
0.30	0.30	0.20	27	31	35	37	41	44	46	49	51
0.30	0.10	0.20	24	28	32	34	39	42	44	47	49
0.00	0.00	0.00	20	23	26	28	31	34	35	38	40

Ceiling mounted

Light output ratio 0.78
Service upward 0.27
Service downward 0.51

CIE flux code 42 69 86 65 78

SHR NOM (square) 1.50
SHR MAX (square) 1.50
SHR MAX (continuous) 1.94
UGRcen (4Hx8H, 0.25H) 22

Product Codes		Dim	Mass
Code	Version	(mm)	(kg)
RYD118H	1 x 18W T8	624 x 108 x 101	1.7
RYD218H	2 x 18W T8	624 x 108 x 101	1.8
RYD136H	1 x 36W T8	1232 x 108 x 101	3.0
RYD236H	2 x 36W T8	1232 x 108 x 101	3.5
RYD158H	1 x 58W T8	1533 x 108 x 101	3.5
RYD258H	2 x 58W T8	1533 x 108 x 101	3.8



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IP20



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Regency SRS

A superior range of quality battens with SRS (Silver Reflector Systems) creating increased optical performance.



Features

- T8 Batten suitable for SRS reflector system to enhance performance
- Body roll-formed from 0.5mm steel with unique rippled edges for added strength
- Fully powder coated in non-discolouring white polyester
- Polycarbonate non-discolouring lamp holder end caps with easily replaceable built in lamp holders
- End caps have knockouts to enable flush end to end mounting

- 25mm rolled cable entry eliminates the need for cable grommets on installation

Applications

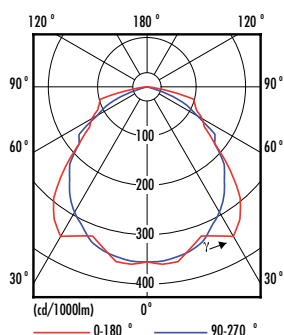
Retail stores, industrial areas, factories, assembly lines



Technical

RY136 - 1 x 36W SRS

Polar intensity diagram



Utilisation factor table

Reflectances			Room Index									
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	61	69	76	81	88	92	95	99	102	
0.70	0.30	0.20	54	62	70	75	82	87	91	96	99	
0.70	0.10	0.20	49	57	65	70	78	83	87	93	96	
0.50	0.50	0.20	60	67	74	78	85	89	92	95	98	
0.50	0.30	0.20	53	61	68	73	80	85	88	93	95	
0.50	0.10	0.20	49	57	64	69	76	81	85	90	93	
0.30	0.50	0.20	58	65	72	76	82	86	88	92	94	
0.30	0.30	0.20	53	60	67	72	78	82	85	90	92	
0.30	0.10	0.20	49	56	63	68	75	79	83	87	90	
0.00	0.00	0.00	47	54	60	65	72	76	79	83	86	

Ceiling mounted

Light output ratio **0.97**
Service upward **0.00**
Service downward **0.97**

CIE flux code **51 83 97 100 97**

SHR NOM (square) **1.50**
SHR MAX (square) **1.55**
SHR MAX (continuous) **1.86**
UGRcen (4Hx8H, 0.25H) **24**

Product Codes		Dim	Mass
Code	Version	(mm)	(kg)
RY118EL	1 x 18W T8	620 x 105 x 92	1.5
RY218EL	2 x 18W T8	620 x 105 x 92	1.6
RY136EL	1 x 36W T8	1228 x 105 x 92	2.4
RY236EL	2 x 36W T8	1228 x 105 x 92	2.5
RY158EL	1 x 58W T8	1529 x 105 x 92	3.0
RY258EL	2 x 58W T8	1529 x 105 x 92	3.1

Accessories

Important Note: RY/SRS reflectors must be fixed to RY bare battens on site by others

High efficiency reflectors only - to suit RY bare battens

1 x 36Watt RY battens only -

add SRS reflector - RYKWAS136EL

2 x 58Watt RY battens only -

add SRS reflector- RYKWAS258EL

2 x 36Watt RY battens only -

add SRS reflector- RYKWAS236EL







Nipper Bare

Versatile wide body bare batten with multiple installation accessories.



Features

- Quarter turn quick release reflector
- Rippled edge technology for hand installation safety
- Large 3 way tunnel terminal block
- Rolled cable entry - no grommets required
- Available with optional A2 electronic ballast
- Pierwhite powder coat finish
- Complete with lamp/s colour 840
- Quick release diffuser end cap
- Wide body version covers junction box
- Vossloh Schwabe replaceable lamp holders
- ABS fire retardant end caps

- Full range of accessories available including wire guard, industrial, skirt, asymmetric reflectors
- Diffuser kits are available to convert bare battens to diffused battens

Applications

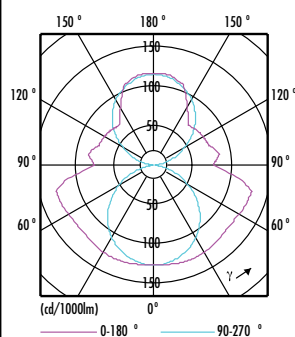
General commercial & semi industrial interiors, retail outlets, factories, warehouses, multi-storey car parks.



Technical

PN236H - 2 x 36W

Polar intensity diagram



Utilisation factor table

Reflectances			Room Index							
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00 5.00
0.70	0.50	0.20	42	49	55	60	67	71	75	80 83
0.70	0.30	0.20	34	41	48	53	60	65	69	75 78
0.70	0.10	0.20	29	36	42	47	54	60	64	70 75
0.50	0.50	0.20	36	43	48	52	58	62	65	69 71
0.50	0.30	0.20	30	36	42	46	52	57	60	65 68
0.50	0.10	0.20	26	32	37	41	48	53	56	61 65
0.30	0.50	0.20	31	36	41	44	49	53	55	58 61
0.30	0.30	0.20	27	32	36	40	45	49	52	56 58
0.30	0.10	0.20	23	28	33	36	42	46	49	53 56
0.00	0.00	0.00	17	21	25	27	32	35	37	40 43

Ceiling mounted

Light output ratio 0.97
Service upward 0.40
Service downward 0.57

CIE flux code 32 59 83 59 97

SHR NOM (square) 1.50
SHR MAX (square) 1.68
SHR MAX (continuous) 2.42
UGRcen (4Hx8H, 0.25H) 26

Product Codes		Dim	Mass
Code	Version	(mm)	(kg)
c/w lamp HPF			
PN118H	1 x 18W	619 x 52 x 92	1.5
PN218H	2 x 18W	619 x 102 x 94	1.7
PN136H	1 x 36W	1229 x 52 x 92	2.4
PN236H	2 x 36W	1229 x 102 x 94	3.4
Accessories - see technical section for product codes			
Galvanised wire guard			
White powder coated wire guard			
Angled reflector			
Dispersive reflector			
Open-ended reflector			
Diffuser Kit			



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Commercial

IP20



Nipper Diffused

Versatile wide body diffused batten, designed for a wide variety of uses.
Linear diffuser provides a stylish appearance on any project.



Features

- Quarter turn quick release reflector
- Rippled edge technology for hand installation safety
- Large 3 way tunnel terminal block
- Rolled cable entry - no grommets required
- Available with A2 electronic ballast
- Pierwhite powder coat finish
- Complete with triphosphor lamp/s colour 840
- Quick release diffuser end cap
- Lineal extruded diffuser
- End to end mounting possible with unique end cap design

- Diffuser can be removed without removing end cap
- Wide body version covers junction box
- ABS fire retardant end caps

Applications

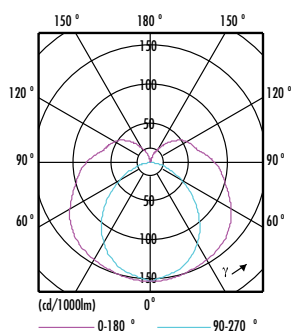
General commercial & semi industrial interiors, retail outlets, factories, warehouses, multi-storey car parks.



Technical

PND236H - 2 x 36W

Polar intensity diagram



Utilisation factor table

Reflectances			Room Index								
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	36	41	46	50	55	59	62	65	68
0.70	0.30	0.20	30	35	41	44	50	54	57	61	64
0.70	0.10	0.20	26	31	36	40	46	50	53	58	61
0.50	0.50	0.20	33	38	43	46	50	54	56	59	61
0.50	0.30	0.20	28	33	38	41	46	50	52	56	59
0.50	0.10	0.20	24	29	34	37	43	46	49	53	56
0.30	0.50	0.20	30	35	39	42	46	49	51	54	56
0.30	0.30	0.20	26	31	35	38	43	46	48	51	54
0.30	0.10	0.20	23	27	32	35	40	43	46	49	52
0.00	0.00	0.00	20	23	27	30	34	37	39	42	45

Ceiling mounted

Light output ratio 0.74
Service upward 0.16
Service downward 0.58

CIE flux code 37 65 86 78 74

SHR NOM (square) 1.50
SHR MAX (square) 1.60
SHR MAX (continuous) 2.28
UGRcen (4Hx8H, 0.25H) 25

Product Codes		Dim	Mass
Code	Version	(mm)	(kg)
PND118H	1 x 18W	619 x 52 x 97	1.7
PND218H	2 x 18W	619 x 102 x 101	1.9
PND136H	1 x 36W	1229 x 52 x 97	2.8
PND236H	2 x 36W	1229 x 102 x 101	3.8



High5® Linear T5 Bare

Energy efficient T5 wide body batten suitable for single and twin lamp arrangement, enabling BCA compliant designs.



Features

- The body is a cold-rolled steel channel, finished in white polyester powder coat with UV stabilised polycarbonate plastic end caps
- Quarter turn quick release reflector
- Large 3 way tunnel terminal block, suitable for through wiring
- Rolled cable entry no grommets required, easy installation
- Complete with energy efficient T5 lamps, colour 840
- Full range of reflectors available, including industrial, skirt and asymmetric
- Wire guard option available
- Wide body covers junction box
- True end to end mounting possible with knockouts for wiring
- Optional motion or IR sensor capabilities

Applications

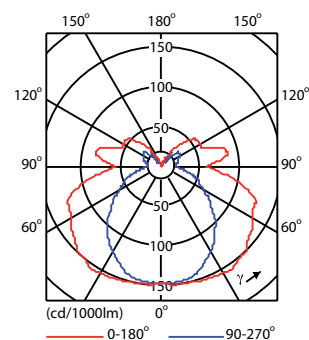
General commercial interiors, factories, warehouses, shopping centres, car parks



Technical

HIGH5 - 228 BARE

Polar intensity diagram



Utilisation factor table

Reflectances			Room Index								
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	40	47	53	57	64	68	71	76	78
0.70	0.30	0.20	33	40	46	50	57	62	66	71	74
0.70	0.10	0.20	28	34	40	45	52	57	61	67	71
0.50	0.50	0.20	36	42	48	52	57	61	64	68	71
0.50	0.30	0.20	31	36	42	46	52	57	60	64	67
0.50	0.10	0.20	26	32	37	42	48	53	56	61	65
0.30	0.50	0.20	33	38	43	47	51	55	57	61	63
0.30	0.30	0.20	28	33	38	42	47	51	54	58	61
0.30	0.10	0.20	24	29	35	38	44	48	51	56	59
0.00	0.00	0.00	21	25	29	32	37	41	43	47	50

Ceiling mounted

Light output ratio 0.87
Service upward 0.23
Service downward 0.64

CIE flux code 34 62 85 74 87

SHR NOM (square) 1.50
SHR MAX (square) 1.71
SHR MAX (continuous) 2.43
UGRcen (4Hx8H, 0.25H) 26

Product Codes		Dim	Mass
Code	Version	(mm)	(kg)
HI5114BE4	1 x 14W T5 Bare	574 x 88 x 74	1.1
HI5214BE4	2 x 14W T5 Bare	574 x 88 x 74	1.3
HI5128BE4	1 x 28W T5 Bare	1174 x 88 x 74	2.7
HI5228BE4	2 x 28W T5 Bare	1174 x 88 x 74	2.8
HI5254BE4	2 x 54W T5 Bare	1174 x 88 x 74	2.8
Accessories - see technical section for product codes			
Wire guard			
Skirt reflector			
Closed end reflector			
Asymmetric reflector			
Deep industrial reflector			
SRS reflector			
Diffuser reeded			



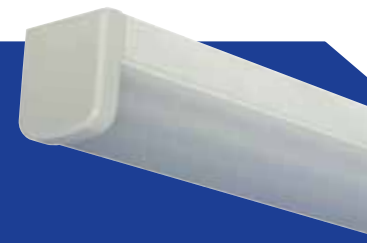
40

Commercial



High5® Linear T5 Reeded Diffused

Energy efficient T5 wide body batten complete with stylish reeded diffuser.
Suitable for single and twin lamp arrangement, enabling BCA compliant designs.



Features

- The body is a cold-rolled steel channel, finished in white polyester powder coat with UV stabilised polycarbonate plastic end caps
- Reeded diffuser for stylish, low glare performance
- Unique design allows easy removal of diffuser for lamp change
- Diffuser can be removed if installed end to end, through innovative design of end caps
- Quarter turn quick release reflector
- Large 3 way tunnel terminal block, suitable for through wiring
- Rolled cable entry no grommets required, easy installation
- Complete with energy efficient T5 lamps, colour 840
- Wide body covers junction box
- True end to end mounting possible with knockouts for wiring
- Optional motion or IR sensor capabilities

Applications

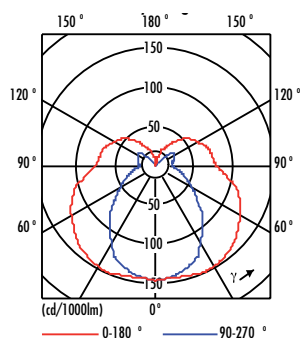
General commercial interiors, retail stores, factories, warehouses and shopping centres.



Technical

HI5228 - 2 x 28W T5 Diffused

Polar intensity diagram



Utilisation factor table

Reflectances			Room Index								
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	38	45	50	54	60	64	67	71	74
0.70	0.30	0.20	32	38	44	48	54	59	62	67	70
0.70	0.10	0.20	27	33	39	43	49	54	58	63	67
0.50	0.50	0.20	35	40	45	49	54	57	60	64	66
0.50	0.30	0.20	29	35	40	44	49	53	56	60	63
0.50	0.10	0.20	25	30	35	39	45	49	53	57	60
0.30	0.50	0.20	31	36	40	43	48	51	53	57	59
0.30	0.30	0.20	27	31	36	39	44	48	50	54	56
0.30	0.10	0.20	23	28	32	36	41	45	48	52	54
0.00	0.00	0.00	19	23	27	30	34	37	39	43	45

Ceiling mounted

Light output ratio 0.83
Service upward 0.24
Service downward 0.59

CIE flux code 35 62 84 71 83

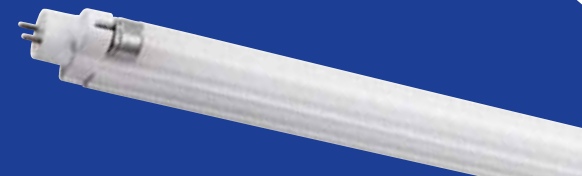
SHR NOM (square) 1.50
SHR MAX (square) 1.60
SHR MAX (continuous) 2.38
UGRcen (4Hx8H, 0.25H) 25

Product Codes		Dim	Mass
Code	Version	(mm)	(kg)
HI5114DE4	1 x 14W T5 Diff.	579 x 90 x 92	1.2
HI5214DE4	2 x 14W T5 Diff.	579 x 90 x 92	1.4
HI5128DE4	1 x 28W T5 Diff.	1179 x 90 x 92	2.8
HI5228DE4	2 x 28W T5 Diff.	1179 x 90 x 92	2.9
HI5254DE4	2 x 54W T5 Diff.	1179 x 90 x 92	2.9



TWIST

Converts conventional 36 watt T8 fluorescent luminaires into an energy efficient 28 watt T5 circuit.



Features

- Converts conventional interior 36 watt T8 fluorescent luminaires with a standard magnetic ballast into an energy efficient 28 watt T5 circuit
- Complies AS/NZS61347.2.3 Australian / NZ Standards
- In excess of 15% energy savings are gained by a simple twist*
- A choice of bare or high performance reflector models are available
- The system is supplied complete with a quality 10 000hr average rated life T5 energy saving lamp
- A choice of lamp colours 4000k or 6500K are available

- Reliable and efficient non-flicker starting characteristics
- Easy low power factor circuit installation*
- Supplied with circuit fuse for installation and maintenance safety

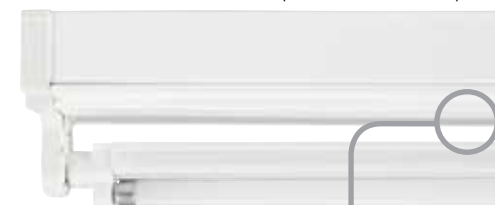
Applications

School's, universities, TAFE's commercial facilities, service area's where a cost effective T5 energy efficient solution is required.

Installed TWIST T5 Reflector (batten excluded)



Installed TWIST T5 Bare (batten excluded)



Technical

Installation guidelines:

- Designed for interior ceiling mounting
- Twist (adaptor) is double insulated, installed fluorescent luminaire must be installed in accordance with AS3000.
- The existing luminaire fluorescent starter is not required and should be removed from the circuit,
- Insert fuse into starter socket
- * Power factor of 0.4 is achieved when installed in a standard HPF luminaire. Subject to local electrical regulations, the optimal combined (TWIST) adaptor and luminaire power factor of 0.98 is achieved when the luminaire supply capacitor is removed
- Input supply voltage (at the point of the terminal block) of the installed luminaire is 240 V / 50Hz

Technical notes:

- Not suitable for dimming
- For twin T5 lamp circuits and for optimal lamp performance, align the lamp identification markings together (at the same end of the luminaire)
- Only suitable for luminaires with approved twist lock T8 lamp holders
- Not suitable for luminaires with emergency lighting circuits

Product Codes		Dim	Mass
Code	Version	(mm)	(kg)
c/w 4000K lamp			
TW128B4	28W T5 bare	1215 x 23 x 37	0.30
TW128R4	28W T5 reflector	1215 x 45 x 37	0.35
c/w 6500K lamp			
TW128B6	28W T5 bare	1215 x 23 x 37	0.35
TW128R6	28W T5 reflector	1215 x 45 x 37	0.35



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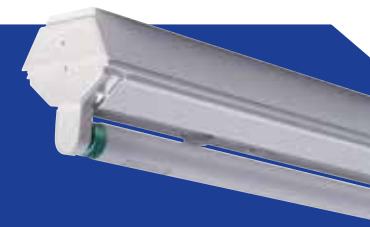
Commercial





EAB

A high quality, heavy duty energy efficient T8 fluorescent luminaire.



Features

- Heavy duty extruded aluminium body fully anodised to resist corrosion
- Additional powder coat finishes available to order
- Tombstone lamp holders are retained in a polycarbonate assembly which can be utilised for either single or twin lamp configurations
- Luminaires can be upgraded from single to twin lamp versions
- Extruded slot along the rear of the body permits suspension long entire length

- End cap knock-outs allow for true in-line mounting and wiring

Applications

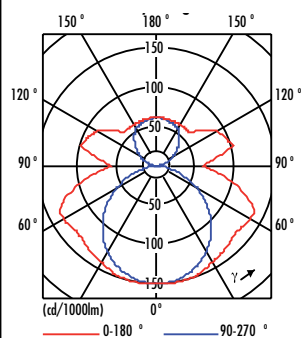
Under cover areas, chemical processing areas, wharves, semi-open public areas, water front buildings and train stations.



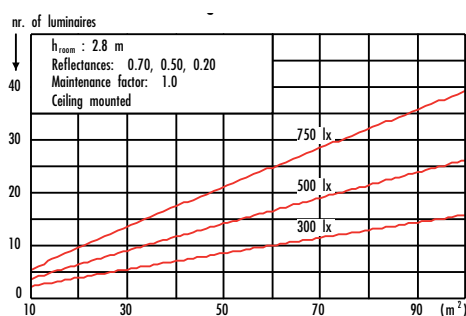
Technical

EAB136 - 1 x 36W 840

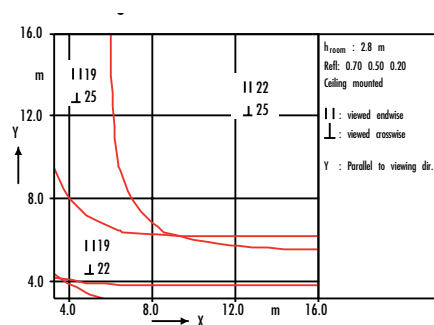
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Product Codes		Dim	Mass
Code	Version	(mm)	(kg)
EAB118EL	1 x 18W T8 EL	630 x 85 x 95	1.5
EAB218EL	2 x 18W T8 EL	630 x 110 x 82	1.5
EAB136EL	1 x 36W T8 EL	1241 x 85 x 95	2.8
EAB236EL	2 x 36W T8 EL	1241 x 110 x 82	2.8
EAB158EL	1 x 58W T8 EL	1542 x 85 x 95	2.9
EAB258EL	2 x 58W T8 EL	1542 x 110 x 82	3.8
Accessories			
Angle skirt reflector			
CRYAS18W	Single and twin 18W reflector suits EAB118/218		
CRYAS36W	Single and twin 36W reflector suits EAB136/236		
CRYAS58W	Single and twin 58W reflector suits EAB158/258		



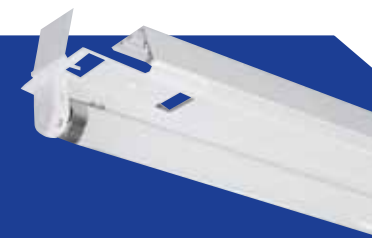
44 Commercial



PIERLITE
professional lighting solutions

OEAB

A custom built continuous linear lighting system specifically designed for alcoves and pelmet lighting.



Features

- The overlapping fluorescent tubes allow for a continuous line of light without the usual dark spots between lamps
- Straight line installations, needing to hard wire one end and plug connect the additional lengths together
- Sturdy extruded anodised aluminium body
- Easily removable white polyester powder coated reflector/gear cover
- Continuous wiring through body making installation easier
- Horizontal, base down or side vertical position possible for mounting
- Various lamp wattages can be combined to make up the required lengths
- Available in single and twin T8 and T5, module combinations

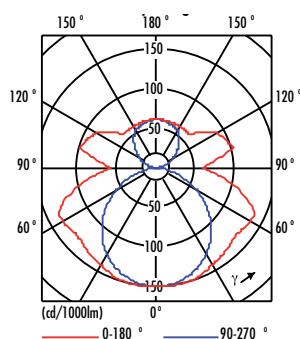
Applications

Alcove and pelmet lighting in reception areas, auditoriums, restaurants, hospitals and hotels.

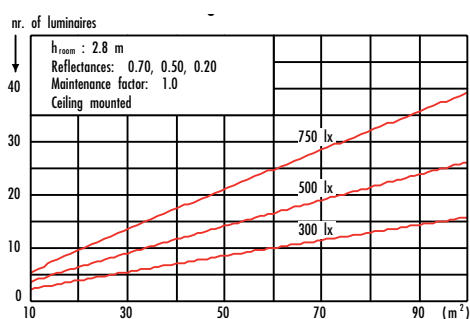
Technical

OEAB136 - 1 x 36W 840

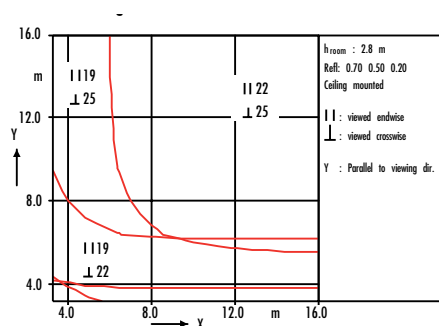
Polar intensity diagram



Quantity estimation diagram



URG diagram

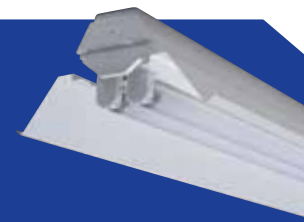


Product Codes		Dim
Code	Version	(mm)
T5 Single Module, Electronic		
OEABH0001	1 x 14W T5 Bare	491 x 86 x 87
OEABH0100	1 x 28W T5 Bare	1091 x 86 x 87
T5 Twin Module Electronic		
OEABH0002	2 x 14W T5 Bare	982 x 86 x 87
OEABH0200	2 x 28W T5 Bare	2182 x 86 x 87
T5 Triple Module, Electronic		
OEABH0003	3 x 14W T5 Bare	1473 x 86 x 87
OEABH0300	3 x 28W T5 Bare	3273 x 86 x 87
T8 Single Module, LL gear F&P		
OEAB001	1 x 18W T8 Bare	533 x 86 x 87
OEAB010	1 x 36W T8 Bare	1143 x 86 x 87
OEAB100	1 x 58W T8 Bare	1443 x 86 x 87
T8 Twin Module, LL gear F&P		
OEAB002	2 x 18W T8 Bare	1066 x 86 x 87
OEAB020	2 x 36W T8 Bare	2286 x 86 x 87
OEAB200	2 x 58W T8 Bare	2286 x 86 x 87
T8 Triple Module, LL gear F&P		
OEAB030	3 x 36W T8 Bare	3429 x 86 x 87



CEAB

A continuous linear lighting system specially designed for suspending in commercial and semi-industrial applications.



Features

- Heavy duty extruded aluminium body fully anodised to resist corrosion
- Additional powder coat finishes available to order
- Tombstone lamp holders are retained in a rugged polycarbonate assembly which can be utilised for either single or twin lamp configurations
- Extruded slot along back of body permits suspension throughout entire length
- Continuous wiring runs through body resulting in easier installation
- Various lamp wattages can be combined to make up the required lengths

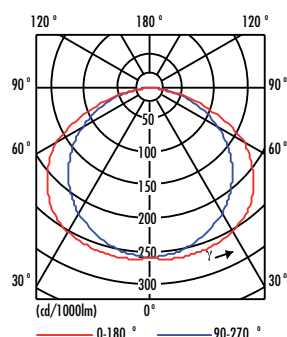
Applications

Commercial stores warehouses, retail and manufacturing plants or wherever a continuous linear fluorescent system is required.

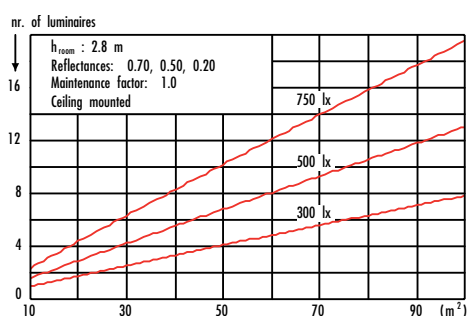
Technical

CEAB 2 x 36W - 840

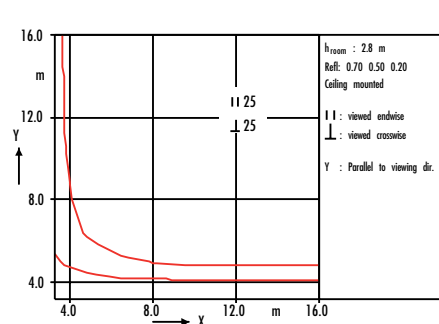
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Product Codes		Dim	Mass
Code	Version	(mm)	(kg)
Single Module, EL gear leads			
CEAB1001SEL	1 x 18WT8 Skirt	620 x 85 x 95	2.0
CEAB2001SEL	2 x 18WT8 Skirt	620 x 85 x 82	3.0
CEAB1010SEL	1 x 36WT8 Skirt	1230 x 85 x 95	3.0
CEAB2010SEL	2 x 36WT8 Skirt	1230 x 110 x 82	3.0
CEAB1100SEL	1 x 58WT8 Skirt	1530 x 85 x 95	3.1
CEAB2100SEL	2 x 58WT8 Skirt	1530 x 85 x 82	3.1
Double Module, EL gear leads			
CEAB1002SEL	1 x 18WT8 Skirt	1240 x 85 x 95	4.0
CEAB2002SEL	2 x 18WT8 Skirt	1240 x 85 x 95	4.0
CEAB1020SEL	1 x 36WT8 Skirt	2460 x 85 x 95	5.8
CEAB2020SEL	2 x 36WT8 Skirt	2460 x 85 x 82	5.8
CEAB1200SEL	1 x 58WT8 Skirt	3060 x 85 x 95	8.7
CEAB2200SEL	2 x 58WT8 Skirt	3060 x 85 x 82	8.7
Triple Module, EL gear leads			
CEAB1030SEL	1 x 36WT8 Skirt	3690 x 85 x 95	8.7
CEAB2030SEL	2 x 36WT8 Skirt	3690 x 85 x 82	8.7
CEAB1300SEL	1 x 58WT8 Skirt	4590 x 85 x 95	13.0
CEAB2300SEL	2 x 58WT8 Skirt	4590 x 85 x 82	13.0
Accessories			
98186020	End cap		
99007447	Joining gasket		
WIREsus/EAB1000	Suspension kit 1m		
WIREsus/EAB2000	Suspension kit 2m		



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Commercial

IP20



PIERLITE
professional lighting solutions

LEAB

A custom built continuous linear lighting system designed for surface mount or suspending in commercial and retail applications.



Features

- Heavy duty extruded aluminium body fully anodised to resist corrosion
- Single or twin lamp operation
- Extruded slot along back of body permits suspension through out entire length
- Continuous wiring runs through body resulting in easier installation
- Various lamp wattages can be combined to make up required lengths
- Complete with semi specular louvre and electronic gear

Applications

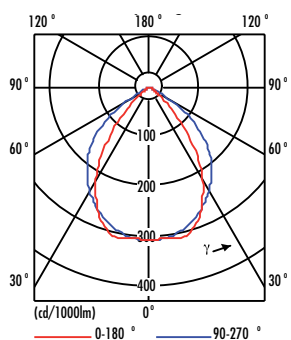
Retail, office, boardrooms.



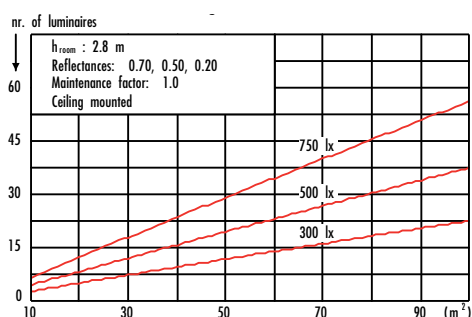
Technical

LEAB136W - 1 x 36W 840

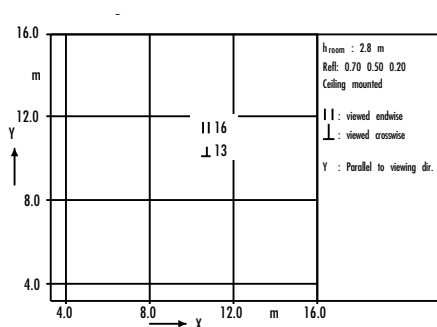
Polar intensity diagram



Quantity estimation diagram



URG diagram

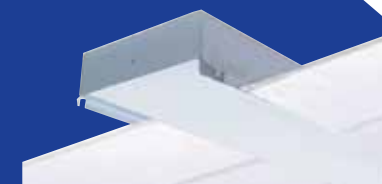


Product Codes	
Code	Version
Single module	
LEAB2010	2 x 36W T8 EL gear less lamps
Twin module	
LEAB2020	2 x 36W T8 EL gear less lamps
Triple module	
LEAB2030	2 x 36W T8 EL gear less lamps
Accessories	
98186020	End cap
99007447	Joining gasket
WIRESUS/EAB1000	Suspension kit 1m
WIRESUS/EAB2000	Suspension kit 2m



ET Diffused

The T8 troffer offers an economical solution using a variety of lens options for general lighting office applications.



Features

- Single, twin and triple tube operation
- Designed for use with standard 2-way on top of T-Bar rails, 43mm, 38mm and 25mm secondary
- Body manufactured from prepainted steel
- Electrical components mounted under metal gear cover for electrical safety
- 1.5m flex and plug, flat earth
- Provisions made for tandem mounting
- Suitable for plaster mounting using the Pierlite plaster master frame

- The ETT is supplied complete with colour 840 lamps and Y12 diffuser

Applications

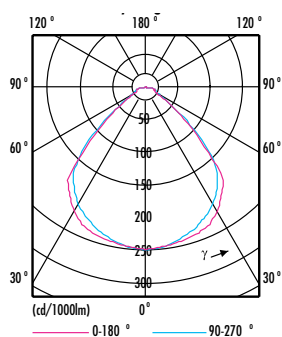
General commercial interiors, modern office situations, retail stores and shopping centres.



Technical

ET236 - 2 x 36W / Y12

Polar intensity diagram



Utilisation factor table

Reflectances			Room Index								
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	35	40	44	46	49	52	53	55	56
0.70	0.30	0.20	32	37	41	43	47	49	51	53	55
0.70	0.10	0.20	29	34	38	41	45	47	49	52	53
0.50	0.50	0.20	34	39	43	45	48	50	51	53	54
0.50	0.30	0.20	31	36	40	42	46	48	49	51	53
0.50	0.10	0.20	29	34	38	40	44	46	48	50	52
0.30	0.50	0.20	34	38	42	44	46	48	49	51	52
0.30	0.30	0.20	31	36	39	41	44	46	48	50	51
0.30	0.10	0.20	29	34	37	40	43	45	47	49	50
0.00	0.00	0.00	28	33	36	38	41	43	45	46	47

Ceiling mounted

Light output ratio 0.53
Service upward 0.00
Service downward 0.53

CIE flux code 63 91 97 100 53

SHR NOM (square) 1.25
SHR MAX (square) 1.41
SHR MAX (continuous) 1.68
UGRcen (4Hx8H, 0.25H) 17

Product Codes		Dim	Mass
Code	Version	(mm)	(kg)
ET218H	2 x 18W T8 low loss	630 x 288 x 97	2.7
ET318H	3 x 18W T8 low loss	630 x 288 x 97	3.4
ET236H	2 x 36W T8 low loss	1240 x 288 x 97	4.5
ET336H	3 x 36W T8 low loss	1240 x 288 x 97	5.2
c/w Y12 Diff Col 840 lamps			
ETT218H	2 x 18W T8 low loss	630 x 288 x 97	2.7
ETT236H	2 x 36W T8 low loss	1240 x 288 x 97	4.5
ET218EL	2 x 18W T8 electronic	630 x 288 x 97	2.5
ET236EL	2 x 36W T8 electronic	1240 x 288 x 97	4.3
Accessories - see technical section for product codes			
Lay-in diffusers			
Hinged frame diffusers			
Plaster master recessed frames, less diffuser			



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Commercial

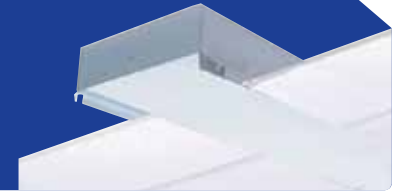
IP20



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Green T®

An energy efficient T8 troffer, complete with triphosphor lamps and high performance 50 000hr electronic ballast and Y12 diffuser.



Features

- Energy efficient 50 000hr electronic ballast
- High performance triphosphor lamps
- Enhanced performance to enable BCA compliant designs
- Complete with Y12 diffuser and colour 840 lamps
- Designed for use with standard 2- way on top of T- Bar rails, 43mm, 38mm and 25mm secondary
- Body manufactured from pre-painted steel
- Electrical components mounted under metal gear cover for electrical safety

- 1.5m flex and plug, flat earth
- Suitable for plaster mounting using the Pierlite Plaster Master Frame

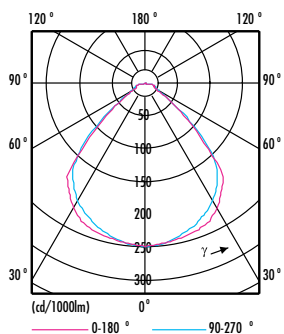
Applications

General commercial interiors, modern office designs, retail stores and shopping centres.

Technical

GT236EL - 2 x 36W T8 electronic

Polar intensity diagram



Utilisation factor table

Reflectances			Room Index									
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	35	40	44	46	49	52	53	55	56	
0.70	0.30	0.20	32	37	41	43	47	49	51	53	55	
0.70	0.10	0.20	29	34	38	41	45	47	49	52	53	
0.50	0.50	0.20	34	39	43	45	48	50	51	53	54	
0.50	0.30	0.20	31	36	40	42	46	48	49	51	53	
0.50	0.10	0.20	29	34	38	40	44	46	48	50	52	
0.30	0.50	0.20	34	38	42	44	46	48	49	51	52	
0.30	0.30	0.20	31	36	39	41	44	46	48	50	51	
0.30	0.10	0.20	29	34	37	40	43	45	47	49	50	
0.00	0.00	0.00	28	33	36	38	41	43	45	46	47	

Ceiling mounted

Light output ratio 0.53
Service upward 0.00
Service downward 0.53

CIE flux code 63 91 97 100 53

SHR NOM (square) 1.25
SHR MAX (square) 1.41
SHR MAX (continuous) 1.68
UGRcen (4Hx8H, 0.25H) 17



Product Codes		Dim	Mass
Code	Version	(mm)	(kg)
GT236EL 2 x 36W T8 electronic		1240 x 288 x 97	4.2



Green T5® Diffused

An energy efficient T5 troffer, complete with triphosphor lamps and high performance electronic ballast and Y12 diffuser.



Features

- Complies with AS1680 glare indices
- Energy efficient 50 000hr electronic ballast
- Captive Y12 diffuser panel for easy installation
- Enhanced performance to enable BCA compliant designs
- Body manufactured from pre painted steel
- Electrical components mounted under metal gear cover for electrical safety
- 1.5m flex and plug, flat earth

- Suitable for use with Plaster Master frame for plaster ceilings

Applications

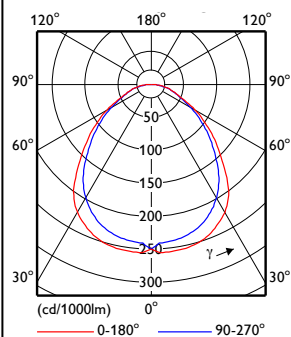
General commercial interiors, modern office situations, retail stores and shopping centres.



Technical

GT5228 D4 - 2 x 28W T5

Polar intensity diagram



Utilisation factor table

Reflectances			Room Index								
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	37	43	47	50	54	57	58	61	62
0.70	0.30	0.20	33	39	43	46	51	54	56	59	60
0.70	0.10	0.20	30	36	40	43	48	51	53	57	59
0.50	0.50	0.20	36	42	46	48	52	55	56	59	60
0.50	0.30	0.20	32	38	42	45	49	52	54	57	58
0.50	0.10	0.20	29	35	39	43	47	50	52	55	57
0.30	0.50	0.20	35	41	44	47	50	53	54	56	58
0.30	0.30	0.20	32	37	41	44	48	51	52	55	56
0.30	0.10	0.20	29	35	39	42	46	49	51	53	55
0.00	0.00	0.00	28	33	37	40	44	47	48	51	52

Ceiling mounted



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Commercial



IP20



4.3kg

Max. Mass



25kg



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Product Codes		Dim	Mass
Code	Version	(mm)	(kg)
GT5228D4	2 x 28W T5	1197 x 297 x 97	4.3

Green T5® Louvred

An energy efficient T5 troffer, complete with triphosphor lamps and high performance electronic ballast and louvre.



Features

- Complies with AS1680 glare indices
- Energy efficient electronic ballast
- High performance triphosphor lamps
- Easy to install
- Enhanced performance to enable BCA compliant designs
- Complete with high performance louvre
- Low profile, body 60mm deep
- Twin tube operation
- Body manufactured from pre-painted steel
- 1.5m flex and plug, flat earth

- Suitable for use with Plaster Master frame for plaster ceilings

Applications

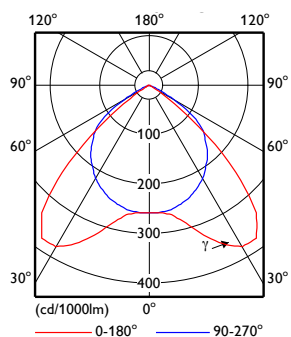
General commercial interiors, modern office situations, retail stores and shopping centres.



Technical

GT5228 L4 - 2 x 28W T5

Polar intensity diagram



Utilisation factor table

Reflectances			Room Index									
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	44	53	58	62	67	70	72	75	77	
0.70	0.30	0.20	39	48	54	58	63	67	69	73	75	
0.70	0.10	0.20	36	44	50	55	60	64	67	71	73	
0.50	0.50	0.20	43	52	57	60	65	68	70	72	74	
0.50	0.30	0.20	39	47	53	57	62	65	67	70	72	
0.50	0.10	0.20	35	44	50	54	59	63	65	69	71	
0.30	0.50	0.20	42	50	55	59	63	66	67	70	71	
0.30	0.30	0.20	38	47	52	55	60	63	65	68	70	
0.30	0.10	0.20	35	44	49	53	58	61	64	67	68	
0.00	0.00	0.00	34	42	47	51	56	59	61	64	65	

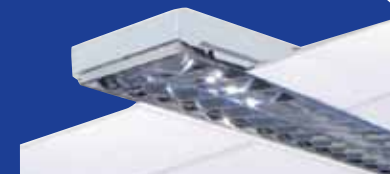
Ceiling mounted

Product Codes		Dim	Mass
Code	Version	(mm)	(kg)
GT5228L4	2 x 28W T5	1197 x 297 x 60	4.3



ET Louvred T Bar

Functional recessed T8 luminaire providing an efficient, low glare solution for office environments.



Features

- Body designed for use with standard 2- way on top of T-Bar rails, 43mm, 38mm and 25mm secondary rails
- Twin lamp operation only
- Louvre supported by T-Bar
- Electrical components mounted under metal gear cover for electrical safety.
- Supplied standard with 1.5m flex and plug
- Can be installed in plaster ceiling utilising the Pierlite Plaster Master Frame
- Available with Electronic, Analogue, DSI and DALI ballasts
- Supplied less lamp and louvre

Applications

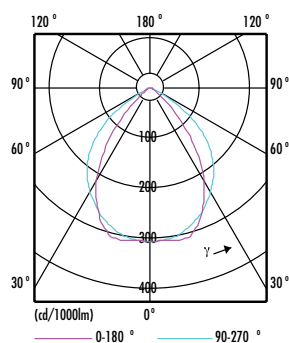
Office, corridors, retail stores, shopping centres, general commercial interiors.



Technical

ET236 - 2 x 36W T8 s/specular

Polar intensity diagram



Utilisation factor table

Reflectances			Room Index								
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	36	40	43	46	48	50	51	53	54
0.70	0.30	0.20	32	38	41	43	46	48	50	52	53
0.70	0.10	0.20	30	35	39	41	44	47	48	50	52
0.50	0.50	0.20	35	39	42	44	47	49	50	51	52
0.50	0.30	0.20	32	37	40	42	45	47	48	50	51
0.50	0.10	0.20	30	35	38	40	44	46	47	49	50
0.30	0.50	0.20	34	39	41	43	46	47	48	49	50
0.30	0.30	0.20	32	36	39	41	44	46	47	48	49
0.30	0.10	0.20	30	35	38	40	43	45	46	47	49
0.00	0.00	0.00	29	34	37	39	41	43	44	45	46

Ceiling mounted

Light output ratio	0.50
Service upward	0.00
Service downward	0.50
CIE flux code	74 98 100 100 50
SHR NOM (square)	1.00
SHR MAX (square)	1.23
SHR MAX (continuous)	1.34
UGRcen (4Hx8H, 0.25H)	15
EN12464-1	65 deg, 1000 cd/m2
CIBSE: LG3	65 deg, 500 cd/m2

Product Codes		Dim	Mass
Code	Version	(mm)	(kg)
ET218H	2 x 18W T8 low loss	630 x 288 x 97	2.7
ET236H	2 x 36W T8 low loss	1240 x 288 x 97	4.5
ET218EL	2 x 18W T8 electronic	630 x 288 x 97	2.5
ET236EL	2 x 36W T8 electronic	1240 x 288 x 97	4.3
Accessories -			
Note: Supplied less lamp & louvre			
Lay-in Louvres			
99002019	Semi Spec 2 x 18W		
99006963	Semi Spec 2 x 36W		



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Commercial

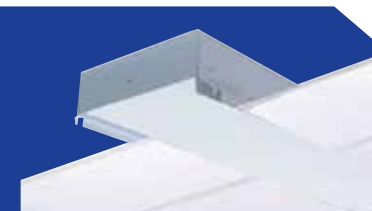
IP20



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ET SRS

A high performance (SRS) fluorescent troffer system.



Features

- High performance SRS reflector incorporated in the ET body maximising energy efficiency and performance
- Designed for use with standard 2-way on top of T-Bar rails, 43mm, 38mm and 25mm secondary
- Suitable for plaster ceilings using the Pierlite Plaster Master frame.
- Body manufactured from pre-painted steel
- Complete with energy efficient electronic ballast
- Available with Analogue, DSI or DALI.

- Electrical components mounted under metal gear cover for electrical safety
- 1.5m flex and plug, flat earth

Applications

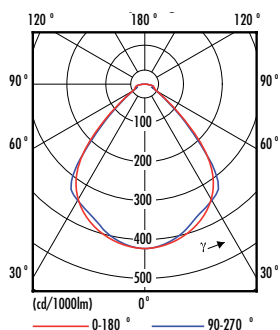
Office, shopping centres, retail and commercial interiors.



Technical

ET136 - 1 x 36W T8 / SRS / Y12

Polar intensity diagram



Utilisation factor table

Reflectances			Room Index									
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	55	63	68	71	76	79	81	84	85	
0.70	0.30	0.20	50	58	63	67	72	75	78	81	83	
0.70	0.10	0.20	47	54	59	63	69	72	75	79	81	
0.50	0.50	0.20	54	61	66	69	73	76	78	80	82	
0.50	0.30	0.20	50	57	62	65	70	73	75	78	80	
0.50	0.10	0.20	46	54	59	62	67	71	73	77	79	
0.30	0.50	0.20	53	60	64	67	71	74	75	78	79	
0.30	0.30	0.20	49	56	61	64	68	71	73	76	78	
0.30	0.10	0.20	46	53	58	61	66	69	71	74	76	
0.00	0.00	0.00	45	51	56	59	64	66	68	71	73	

Ceiling mounted

Light output ratio 0.80
Service upward 0.00
Service downward 0.80

CIE flux code 67 91 98 100 80

SHR NOM (square) 1.25
SHR MAX (square) 1.34
SHR MAX (continuous) 1.53
UGRcen (4Hx8H, 0.25H) 16
CIBSE: LG3 65 deg, 1500 cd/m2

Product Codes		Dim	Mass
Code	Version	(mm)	(kg)
Electronic			
ET218ELSR	2 x 18W T8	630 x 288 x 97	2.7
ET318ELSR	3 x 18W T8	630 x 288 x 9	3.4
ET236ELSR	2 x 36W T8	1240 x 288 x 92	4.5
ET336ELSR	3 x 36W T8	1240 x 288 x 97	5.2
ETT218ELSR	2 x 18W T8	630 x 288 x 97	2.7
ETT236ELSR	2 x 36W T8	1240 x 288 x 97	4.5
Accessories - see technical section for product codes			
Lay-in Diffusers			
Hinged Frame Diffusers			
Plaster Master Recessed Frames, Less Diffuser			



RWT Wide Inside T-Bar

Energy efficient fluorescent troffer modules designed for 600mm wide T-bar ceilings.



Features

- The unique body design allows luminaires to be positioned adjacent to T-Bar support hangers
- Four special brackets provide extra support for the secondary T-Bar rails if required
- Inside T-Bar, one piece steel body with durable white powder coat finish
- Electrical components are mounted behind a metal cover for electrical safety
- Lay-in or hinged frame diffusers are supported by the lower fitting flange

- Suitable for plaster mounting using the Pierlite plaster master frame

Applications

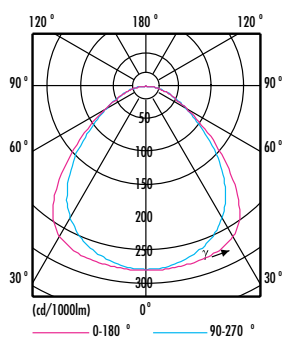
General commercial interiors, office, classrooms, retail stores and shopping centres



Technical

RWT236 - 2 x 36W / Y12

Polar intensity diagram



Utilisation factor table

Reflectances			Room Index									
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	42	49	54	57	61	64	66	69	70	
0.70	0.30	0.20	37	44	49	53	58	61	63	66	68	
0.70	0.10	0.20	34	41	46	49	55	58	61	64	66	
0.50	0.50	0.20	41	48	52	55	59	62	64	66	68	
0.50	0.30	0.20	37	44	48	52	56	59	61	64	66	
0.50	0.10	0.20	34	41	45	49	53	57	59	62	64	
0.30	0.50	0.20	40	46	51	53	57	60	61	64	65	
0.30	0.30	0.20	36	43	47	50	55	57	59	62	64	
0.30	0.10	0.20	34	40	45	48	52	56	58	61	62	
0.00	0.00	0.00	32	39	43	46	50	53	55	58	59	

Ceiling mounted

Light output ratio	0.67
Service upward	0.00
Service downward	0.67
CIE flux code	57 87 97 100 67
SHR NOM (square)	1.25
SHR MAX (square)	1.45
SHR MAX (continuous)	1.73
UGR _{ren} (4Hx8H, 0.25H)	17
CIBSE: LG3	65 deg, 1500 cd/m ²

Product Codes		Dim	Mass
Code	Version	(mm)	(kg)
Low Loss			
RWT218H	2 x 18W T8	615 x 591 x 90	3.4
RWT318H	3 x 18W T8	615 x 591 x 90	3.5
RWT418H	4 x 18W T8	615 x 591 x 90	3.6
RWT236H	2 x 36W T8	1229 x 591 x 90	6.1
RWT336H	3 x 36W T8	1229 x 591 x 90	6.2
RWT436H	4 x 36W T8	1229 x 591 x 90	6.3
Electronic			
RWT218EL	2 x 18W T8	615 x 591 x 90	3.2
RWT418EL	4 x 18W T8	615 x 591 x 90	3.3
RWT236EL	2 x 36W T8	1229 x 591 x 90	5.9
RWT436EL	4 x 36W T8	1229 x 591 x 90	6.1
Accessories - see technical section for product codes			
Lay in diffusers			
Hinged frame diffusers			



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Commercial

IP20



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RWT SRS

Wide body T-Bar troffer with SRS reflector providing maximum energy efficiency.



Features

- Complete with highly efficient SRS reflector system for enhanced performance
- The unique body design allows luminaires to be positioned adjacent to T-Bar support hangers
- Four special brackets provide extra support for the secondary T-Bar rails if required
- Inside T-Bar, one piece steel body with durable white powder coat finish
- Electrical components are mounted behind a metal cover for electrical safety

- Supplied with energy efficient electronic ballast
- Suitable for lay in or hinged frame panels

Applications

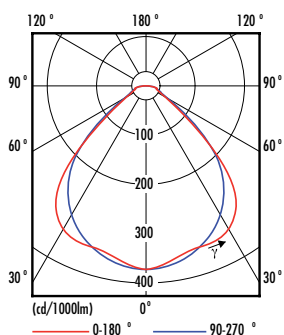
Office, retail outlets, schools, tafe's, universities.



Technical

RWT236 - 2 x 36W / SRS / Y12

Polar intensity diagram



Utilisation factor table

Reflectances			Room Index									
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	53	62	67	71	76	79	82	85	87	
0.70	0.30	0.20	48	56	62	66	72	75	78	82	84	
0.70	0.10	0.20	44	52	58	62	68	72	75	79	82	
0.50	0.50	0.20	52	60	65	69	73	77	79	81	83	
0.50	0.30	0.20	47	55	61	65	70	73	76	79	81	
0.50	0.10	0.20	43	52	57	61	67	71	73	77	79	
0.30	0.50	0.20	51	59	63	67	71	74	76	79	80	
0.30	0.30	0.20	47	54	60	63	68	71	74	77	78	
0.30	0.10	0.20	43	51	57	60	66	69	72	75	77	
0.00	0.00	0.00	42	49	54	58	63	66	68	71	73	

Ceiling mounted

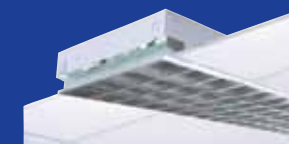
Light output ratio	0.82
Service upward	0.00
Service downward	0.82
CIE flux code	61 90 97 100 82
SHR NOM (square)	1.25
SHR MAX (square)	1.46
SHR MAX (continuous)	1.73
UGRcen (4Hx8H, 0.25H)	17
CIBSE: LG3	65 deg, 1500 cd/m2

Product Codes		Dim	Mass
Code	Version	(mm)	(kg)
Electronic			
RWT218ELSR	2 x 18WT8	615 x 591 x 90	3.4
RWT318ELSR	3 x 18WT8	615 x 591 x 90	3.5
RWT418ELSR	4 x 18WT8	615 x 591 x 90	3.6
RWT236ELSR	2 x 36WT8	1229 x 591 x 90	6.1
RWT336ELSR	3 x 36WT8	1229 x 591 x 90	6.2
RWT436ELSR	4 x 36WT8	1229 x 591 x 90	6.3
Accessories - see technical section for product codes			
Lay in diffusers			
Hinged frame diffusers			



RWT - Louvred

Wide body recessed luminaire suitable for louvres, providing energy efficient lighting solutions



Features

- Unique body design allows luminaires to be positioned adjacent to T-Bar support hangers
- Four special brackets provide extra support for the secondary T-Bar rails if required
- Inside T-Bar, one piece steel body with durable white powder coat finish
- Complete with semi specular louvre
- Electrical components are mounted behind a metal cover for electrical safety
- Can be utilised in plaster ceiling, with Pierlite Plaster Master frame.
- Low loss control gear, HPF
- Options include emergency, dimming and electronic control gear

Applications

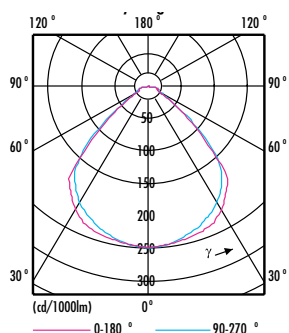
Office, retail, general commercial interiors.



Technical

RWT236 - 2 x 36W s/spec louvre

Polar intensity diagram



Utilisation factor table

Reflectances			Room Index								
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	35	40	44	46	49	52	53	55	56
0.70	0.30	0.20	32	37	41	43	47	49	51	53	55
0.70	0.10	0.20	29	34	38	41	45	47	49	52	53
0.50	0.50	0.20	34	39	43	45	48	50	51	53	54
0.50	0.30	0.20	31	36	40	42	46	48	49	51	53
0.50	0.10	0.20	29	34	38	40	44	46	48	50	52
0.30	0.50	0.20	34	38	42	44	46	48	49	51	52
0.30	0.30	0.20	31	36	39	41	44	46	48	50	51
0.30	0.10	0.20	29	34	37	40	43	45	47	49	50
0.00	0.00	0.00	28	33	36	38	41	43	45	46	47

Ceiling mounted

Light output ratio	0.53
Service upward	0.00
Service downward	0.53

CIE flux code 63 91 97 100 53

SHR NOM (square)	1.25
SHR MAX (square)	1.41
SHR MAX (continuous)	1.68
UGRcen (4Hx8H, 0.25H)	17

Product Codes		Dim	Mass
Code	Version	(mm)	(kg)
Low Loss			
RWT418H/SS	4 x 18W T8	615 x 591 x 90	3.6
RWT436H/SS	4 x 36W T8	1229 x 591 x 90	6.3
Electronic			
RWT418EL/SS	4 x 18W T8	615 x 591 x 90	3.4
RWT436EL/SS	4 x 36W T8	1229 x 591 x 90	6.1



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Commercial

IP20



PIERLITE
professional lighting solutions

Plaster Master®

The Plaster Master series offer an economical solution using a variety of lens for plasterboard ceilings.

Features

- Frame is manufactured in zinc seal steel
- White non-discolouring, corrosion resistant powder coat finish
- Electrical components mounted under metal gear cover for electrical safety
- Supplied standard with 1.5m flex and plug, flat earth
- Frame retained in ceiling by 4 brackets, screw fixed from inside of body

- Lay-in or hinged frame diffusers are supported by the frame

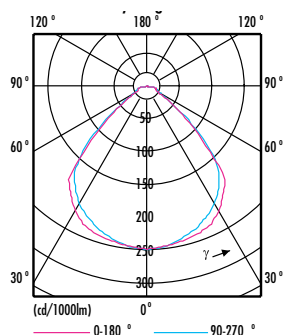
Applications

General commercial interiors with plaster set ceilings such as office, retail stores and shopping centres

Technical

PM236 - 2 x 36W

Polar intensity diagram



Utilisation factor table

Reflectances			Room Index								
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	35	40	44	46	49	52	53	55	56
0.70	0.30	0.20	32	37	41	43	47	49	51	53	55
0.70	0.10	0.20	29	34	38	41	45	47	49	52	53
0.50	0.50	0.20	34	39	43	45	48	50	51	53	54
0.50	0.30	0.20	31	36	40	42	46	48	49	51	53
0.50	0.10	0.20	29	34	38	40	44	46	48	50	52
0.30	0.50	0.20	34	38	42	44	46	48	49	51	52
0.30	0.30	0.20	31	36	39	41	44	46	48	50	51
0.30	0.10	0.20	29	34	37	40	43	45	47	49	50
0.00	0.00	0.00	28	33	36	38	41	43	45	46	47

Ceiling mounted

Cut out dimensions (mm)

PM218 610 x 310

PM418 610 x 610

PM236 1210 x 310

Light output ratio 0.53

Service upward 0.00

Service downward 0.53

CIE flux code 63 91 97 100 53

SHR NOM (square) 1.25

SHR MAX (square) 1.41

SHR MAX (continuous) 1.68

UGRcen (4Hx8H, 0.25H) 17



Product Codes		Dim	Mass
Code	Version	(mm)	(kg)
Low Loss			
PM218H	2 x 18W T8	630 x 325 x 100	4.6
PM418H	4 x 18W T8	630 x 630 x 100	4.8
PM236H	2 x 36W T8	1226 x 325 x 100	6.4
Electronic			
PM218EL	2 x 18W T8	630 x 325 x 100	4.2
PM236EL	2 x 36W T8	1226 x 325 x 100	6.0

Plaster Master® SRS

Energy efficient T8 plaster recessed luminaire utilising high performance SRS (Silver Reflector System).

Features

- Complete with high performance SRS reflector system optimising efficiencies
- Body and frame of this luminaire are supplied separately. Using the clips provided, simply fit the body in the ceiling frame, insert the fitting through the hole and gently sit it in place
- Frame is manufactured in zinc seal steel with white non-discolouring, corrosion resistant powder coat finish
- Electrical components mounted under metal gear cover for electrical safety
- Supplied standard with 1.5m flex and plug, flat earth
- Frame retained in ceiling by 4 brackets, screw fixed from inside of body
- Suitable for lay in or hinged frame diffuser panels

Applications

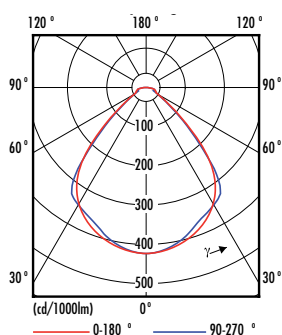
Office, retail stores, shopping centres, schools, universities



Technical

PM136 - 1 x 36W SRS /Y12

Polar intensity diagram



Utilisation factor table

Reflectances			Room Index									
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	55	63	68	71	76	79	81	84	85	
0.70	0.30	0.20	50	58	63	67	72	75	78	81	83	
0.70	0.10	0.20	47	54	59	63	69	72	75	79	81	
0.50	0.50	0.20	54	61	66	69	73	76	78	80	82	
0.50	0.30	0.20	50	57	62	65	70	73	75	78	80	
0.50	0.10	0.20	46	54	59	62	67	71	73	77	79	
0.30	0.50	0.20	53	60	64	67	71	74	75	78	79	
0.30	0.30	0.20	49	56	61	64	68	71	73	76	78	
0.30	0.10	0.20	46	53	58	61	66	69	71	74	76	
0.00	0.00	0.00	45	51	56	59	64	66	68	71	73	

Ceiling mounted

Cut out dimensions (mm)

PM218	610 x 310
PM418	610 x 610
PM236	1210 x 310

Light output ratio	0.80
Service upward	0.00
Service downward	0.80

CIE flux code 67 91 98 100 80

SHR NOM (square)	1.25
SHR MAX (square)	1.34
SHR MAX (continuous)	1.53
UGRcen (4Hx8H, 0.25H)	16
CIBSE: LG3	65 deg, 1500 cd/m2

Product Codes		Dim	Mass
Code	Version	(mm)	(kg)
Electronic			
PM218ELSRS	2 x 18W T8	630 x 325 x 100	4.6
PM318ELSRS	3 x 18W T8	630 x 325 x 100	4.7
PM418ELSRS	4 x 18W T8	630 x 625 x 100	4.8
PM236ELSRS	2 x 36W T8	1226 x 325 x 100	6.3
PM336ELSRS	2 x 36W T8	1226 x 325 x 100	6.4
Accessories - see technical section for product codes			
Lay-in diffusers - Narrow			
Lay-in diffusers - Wide			
Hinged frame diffusers - Narrow			



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Commercial

IP20



PIERLITE
professional lighting solutions

PFF

The PFF sealed Plaster Master series offers an economical solution for areas requiring a luminaire sealed from below.



Features

- Factory fitted as body and frame within the frame assembly
- Sealed plaster fitting stops contaminants
- Body is phosphated steel with white non-discolouring, corrosion resistant powder coat
- Electrical components mounted under metal gear cover for electrical safety
- 1.5m flex and plug, flat earth
- Inside gasket frame securely screw fixed to outside Plaster Master frame, with sealed diffuser smooth side face down

- To allow design flexibility with lamp colour choice the product is supplied complete with Y12 diffuser, yet less lamps

Applications

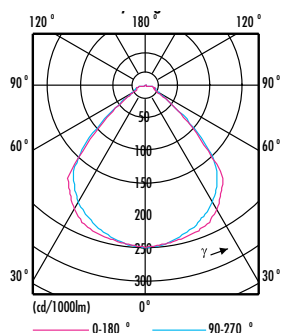
Commercial kitchens, general laboratories, food preparation areas.



Technical

PFF236 - 2 x 36W Y12

Polar intensity diagram



Utilisation factor table

Reflectances			Room Index								
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	35	40	44	46	49	52	53	55	56
0.70	0.30	0.20	32	37	41	43	47	49	51	53	55
0.70	0.10	0.20	29	34	38	41	45	47	49	52	53
0.50	0.50	0.20	34	39	43	45	48	50	51	53	54
0.50	0.30	0.20	31	36	40	42	46	48	49	51	53
0.50	0.10	0.20	29	34	38	40	44	46	48	50	52
0.30	0.50	0.20	34	38	42	44	46	48	49	51	52
0.30	0.30	0.20	31	36	39	41	44	46	48	50	51
0.30	0.10	0.20	29	34	37	40	43	45	47	49	50
0.00	0.00	0.00	28	33	36	38	41	43	45	46	47

Ceiling mounted

Cut out dimensions (mm)

PFF218/318 610 x 310

PFF418 610 x 610

PFF136/236/336 1210 x 310

Light output ratio 0.53
Service upward 0.00
Service downward 0.53

CIE flux code 63 91 97 100 53

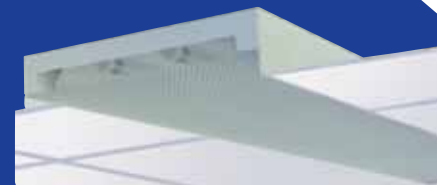
SHR NOM (square) 1.25
SHR MAX (square) 1.41
SHR MAX (continuous) 1.68
UGRcen (4Hx8H, 0.25H) 17

Product Codes		Dim	Mass
Code	Version	(mm)	(kg)
PFF218H	2 x 18W T8	626 x 325 x 100	6.5
PFF318H	3 x 18W T8	626 x 325 x 100	7.2
PFF418H	4 x 18W T8	626 x 626 x 100	8.3
PFF136H	1 x 36W T8	1226 x 325 x 100	8.2
PFF236H	2 x 36W T8	1226 x 325 x 100	8.3
PFF336H	3 x 36W T8	1226 x 325 x 100	8.4
PFF1142A	1 x 14W T5	626 x 325 x 100	6.5
PFF2142A	2 x 14W T5	626 x 325 x 100	7.2
PFF1282A	1 x 28W T5	1226 x 325 x 100	8.2
PFF2282A	2 x 28W T5	1226 x 325 x 100	8.3



Fusion T5

Energy efficient T5 recessed troffer, suitable for an array of diffuser panels enabling BCA compliant designs.



Features

- Body of phosphate steel with highly reflective powder coat finish
- Suitable for lay in or hinged frame diffuser panels
- Available with all high performance panels , including Y10, Y5, Y19 and Y12
- Recess depth of 85mm providing low glare illumination in accordance with AS1680.1
- Available with Analogue, DSI or DALI dimming

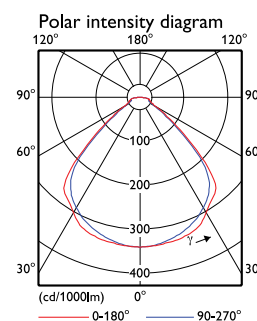
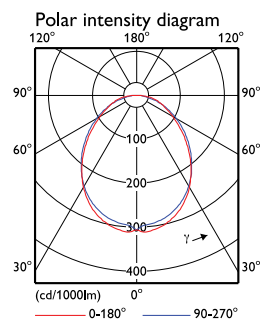
- Suitable for use with Plaster Master frame for plaster mounting.
- Suitable for air trim kits

Applications

Retail shops, office, corridors, boardrooms, common area, canteens, foyers, halls, auditoriums, hospitals, shopping centres.



Technical



Product Codes		Dim	Mass
Code	Version	(mm)	(kg)
lay in panel 4000K lamp			
F5N214P2A4	2 x 14W T5 Y12	594 x 294 x 85	4.4
F5N228P2A4	2 x 28W T5 Y12	1194 x 294 x 85	4.8
F5N214P9A4	2 x 14W T5 Y19	594 x 294 x 85	4.4
F5N228P9A4	2 x 28W T5 Y19	1194 x 294 x 85	4.8
F5N214PRA4	2 x 14W T5 Y5	594 x 294 x 85	4.4
F5N228PRA4	2 x 28W T5 Y5	1194 x 294 x 85	4.8
Note: For hinged frame substitute 'H' for 'P'			



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Commercial



IP20



4.8kg

Max. Mass



to 25



Fusion T5 SRS

An energy efficient T5 / SRS commercial module.



Features

- Body of phosphate steel with highly reflective powder coat finish
- SRS reflector increases performance
- Suitable for lay in or hinged frame diffuser panels
- Available with all high performance panels including Y10, Y5, Y19 and Y12.
- Recess depth of 85mm providing low glare illumination in accordance with AS1680.1
- Available with Analogue, DSI or DALI dimming

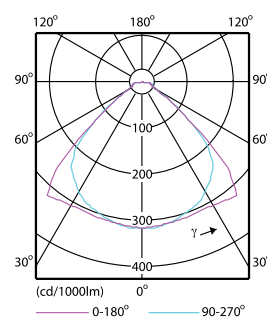
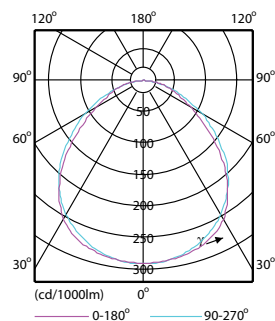
- Suitable for use with Plaster Master frame for plaster mounting.
- Suitable for air trim kits

Applications

Retail shops, office, corridors, boardrooms, common area, canteens, foyers, halls, auditoriums, motel, hotels, hospitals, shopping centres.



Technical

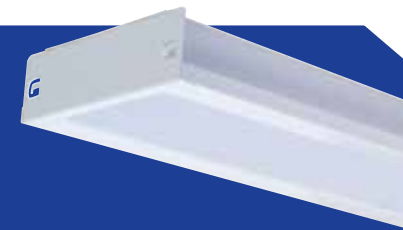


Product Codes		Dim	Mass
Code	Version	(mm)	(kg)
c/w lay in panel and 4000K lamp			
FSN128P2A4ES	1 x 28WT5Y12	1194 x 294 x 85	4.9
FSN128P9A4ES	1 x 28WT5Y19	1194 x 294 x 85	4.9
FSN128PRA4ES	1 x 28WT5Y5	1194 x 294 x 85	4.9
FSN128PLA4ES	1 x 28WT5Y10	1194 x 294 x 85	4.9
Note: For hinged frame substitute 'H' for 'P'			



Fusion FSB

High performance T5 luminaire suitable for an array of diffuser panels, air return and air handling.



Features

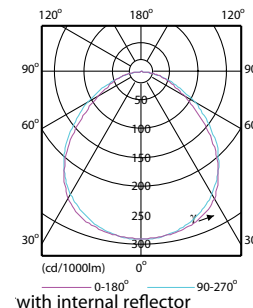
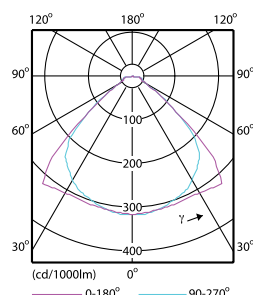
- Exceptional performance with LOR's over 80%
- Complete with SRS reflector to enhance performance
- Body of phosphated steel, powdercoated with a highly reflective material
- Trim allows for air return or air handling
- Single T5 lamps provide suitable compliance for BCA and Greenstar requirements
- Low glare performance in accordance with AS1680.1
- Available with Analogue, DSI or DALI Dimming
- Can be fitted with optional movement, IR and light level sensor capability
- Supplied standard with 1.5m 3 pin flex and plug

Applications

Retail shops, office, hospitals, shopping centres.



Technical



Product Codes		Dim	Mass
Code	Version	(mm)	(kg)
Blank trim, colour 840 lamp			
FSB128P2A4ES	1 x 28W/T5/Y12 diff	1194 x 294 x 85	5.0
FSB128PLA4ES	1 x 28W/T5/Y10 diff	1194 x 294 x 85	5.0
FSB128P9A4ES	1 x 28W/T5/Y19 diff	1194 x 294 x 85	5.0
FSB128PRA4ES	1 x 28W/T5/Y5 diff	1194 x 294 x 85	5.0
Air handling, colour 840 lamp			
FSA128P2A4ES	1 X 28W/T5/Y12 diff	1194 x 294 x 85	5.0
FSA128P9A4ES	1 x 28W/T5/Y19 diff	1194 x 294 x 85	5.0
FSA128PRA4ES	1 x 28W/T5/Y5 diff	1194 x 294 x 85	5.0
FSSA128PLA4ES	1 x 28W/T5/Y10 diff	1194 x 294 x 85	5.0
Air return, colour 840 lamp			
FSR128P9A4ES	1 x 28W/T5/Y19 diff	1194 x 294 x 85	5.0
FSR128PRA4ES	1 x 28W/Y5 diff	1194 x 294 x 85	5.0
FSR128PLA4ES	1 x 28W/Y10 diff	1194 x 294 x 85	5.0



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Commercial



IP20



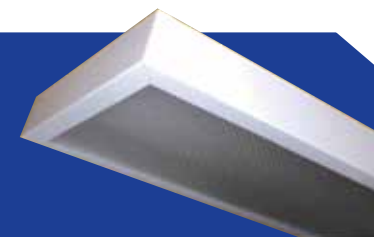
Max. Mass



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Fusion Surface Mount

A professional solution for surface mount fluorescent designs.



Features

- Body of sheet steel, powder coated white for maximum performance
- Large range of diffusers, Y12, Y19, Y5, Y7
- T5 lamp and gear technology
- Lay in panel for ease of maintenance
- Suitable for SRS reflector systems
- Options include emergency and dimming
- Can be wire suspended using the WIRESUS/TWIN suspension kits
- Colour 840 lamps included

Applications

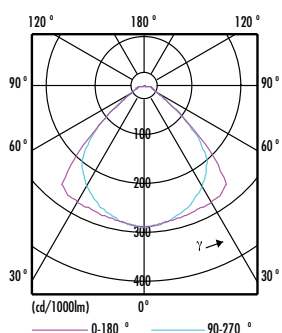
Office, retail, general commercial applications.



Technical

FSS228 / Y12

Polar intensity diagram



Utilisation factor table

Reflectances			Room Index									
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	43	50	54	57	61	64	66	68	70	
0.70	0.30	0.20	38	45	50	53	58	61	63	66	68	
0.70	0.10	0.20	35	42	47	50	55	58	61	64	66	
0.50	0.50	0.20	42	48	52	55	59	62	63	66	67	
0.50	0.30	0.20	38	44	49	52	56	59	61	64	66	
0.50	0.10	0.20	35	42	46	49	54	57	59	62	64	
0.30	0.50	0.20	41	47	51	54	57	60	61	63	65	
0.30	0.30	0.20	37	44	48	51	55	58	59	62	63	
0.30	0.10	0.20	35	41	46	49	53	56	58	60	62	
0.00	0.00	0.00	33	40	44	47	51	53	55	58	59	

Ceiling mounted

Light output ratio 0.66
Service upward 0.00
Service downward 0.66

CIE flux code 61 90 98 100 66

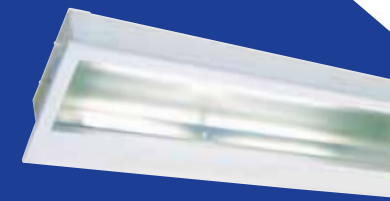
SHR NOM (square) 1.25
SHR MAX (square) 1.48
SHR MAX (continuous) 1.82
UGRcen (4Hx8H, 0.25H) 17

Product Codes		Dim	Mass
Code	Version	(mm)	(kg)
FSS228P2A4	Y12 2 X 28WT5	1200 x 235 x 70	4.9
FSS228P9A4	Y19 2 X 28WT5	1200 x 235 x 70	4.9



Wave

A recessed T5 wall washer with asymmetric reflector, designed to provide uniform illumination of vertical surfaces.



Features

- Slim design to suit modern interiors
- Lamp hidden from view for low glare and unobtrusive lighting
- High performance optics providing even illumination of vertical surfaces
- Manufactured from sheet steel and powder coated white
- T-Bar and plaster mounting

- Utilising T5 lamp and gear technology
- High performance 840/T5 lamps included

Applications

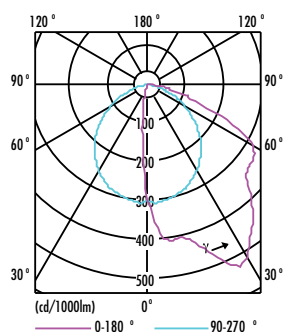
Office, retail and commercial applications.



Technical

WAVE - 1 x 28W T5

Polar intensity diagram

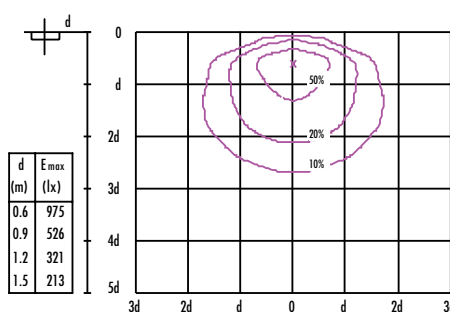


Vertical illuminance table

spacing (m)	Luminaire distance to wall (m)							
	0.6		0.9		1.2		1.5	
h (m)	1.20	2.40	1.20	2.40	1.20	2.40	1.20	2.40
0.5	1044	522	774	387	414	207	227	114
1.0	675	338	613	307	518	260	465	235
1.5	337	169	447	224	430	216	375	190
2.0	180	91	284	145	330	168	323	166
2.5	110	57	175	90	235	122	258	134
3.0	74	38	115	61	160	85	198	104
3.5	53	27	81	41	112	61	144	78
4.0	40	20	61	31	81	41	105	58
4.5	33	17	51	26	67	34	88	48

PH12688

Isolux diagram (of vertical illuminance)



Product Codes		Dim	Mass
Code	Version	(mm)	(kg)
WV128ET4P	1 x 28WT5	1197 x 146 x 81	6.3



64

Commercial



IP20



6.3kg



25

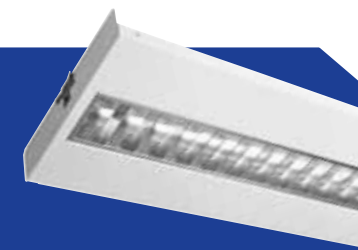


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Futcha 5

The Futcha 5 is a high performance louvred luminaire designed for energy efficient T5 lamp technology.



Features

- Class leading efficiency enabling BCA and Greenstar compliant designs LOR in excess of 88% T5
- Suitable for 25 watt lamp technology
- Full parabolic high purity aluminium louvres
- Sturdy low profile body of phosphated steel with high reflectivity
- Options for air handling or air return
- Electronic control gear, options for Analogue, DSI and DALI
- Optional motion or IR sensor capabilities
- Options for Soft Wiring
- Plaster mounting with Pierlite Plaster Master frame
- 1.5m flex & 3 pin plug as standard
- High performance 840/T lamps included

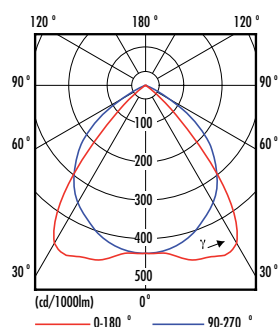
Applications

General commercial interiors, office, corridors, retail stores and shopping centres.

Technical

F5128PBA4 - 1 x 28W T5 miro5

Polar intensity diagram



Utilisation factor table

Reflectances			Room Index									
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	60	70	75	79	85	88	90	93	95	
0.70	0.30	0.20	55	64	71	75	81	85	87	91	93	
0.70	0.10	0.20	51	60	67	71	78	82	85	89	91	
0.50	0.50	0.20	59	68	73	77	82	85	87	90	91	
0.50	0.30	0.20	54	63	69	73	79	82	85	88	90	
0.50	0.10	0.20	50	60	66	70	76	80	83	86	88	
0.30	0.50	0.20	58	66	72	75	80	83	84	87	88	
0.30	0.30	0.20	53	62	68	72	77	80	82	85	87	
0.30	0.10	0.20	50	59	65	69	75	78	81	84	86	
0.00	0.00	0.00	48	57	63	67	72	75	77	80	82	

Ceiling mounted

Light output ratio 0.88
Service upward 0.00
Service downward 0.88

CIE flux code 72 98 100 100 88

SHR NOM (square) 1.00
SHR MAX (square) 1.07
SHR MAX (continuous) 1.60
UGRcen (4Hx8H, 0.25H) 19

Product Codes		Dim	Mass
Code	Version	(mm)	(kg)
28W - Semi Specular c/w lamps			
F5214MBA4	2 x 14W T5	590 x 294 x 56	3.7
F5314MBD4	3 x 14W T5	590 x 590 x 56	5.0
F5414MBD4	4 x 14W T5	590 x 590 x 56	5.0
F5128MBA4	1 x 28W T5	1189 x 294 x 56	4.8
F5228MBA4	2 x 28W T5	1189 x 294 x 56	5.0
28W - Miro 5 c/w lamps			
F5214PBA4	2 x 14W T5	590 x 294 x 56	3.7
F5314PBD4	3 x 14W T5	590 x 590 x 56	5.0
F5414PBD4	4 x 14W T5	590 x 590 x 56	5.0
F5128PBL4	1 x 28w T5	1189 x 144 x 56	4.6
F5128PBA4	1 x 28W T5	1189 x 294 x 56	4.8
F5228PBA4	2 x 28W T5	1189 x 294 x 56	5.0
25W - Miro 5 c/w lamps			
F5125PBL4	1 x 25w T5	1198 x 144 x 56	4.6
F5125PBA4	1 x 25W T5	1189 x 294 x 56	4.8
F5225PBA4	2 x 25W T5	1189 x 294 x 56	5.0
25 & 28W - Master louvre c/w lamps			
F5128RBA4	1 x 28W T5	1189 x 294 x 56	4.8
F5228RBA4	2 x 28W T5	1189 x 294 x 56	5.0
F5125RBA4	1 x 25W T5	1189 x 294 x 56	4.8
F5225RBA4	2 x 25W T5	1189 x 294 x 56	5.0



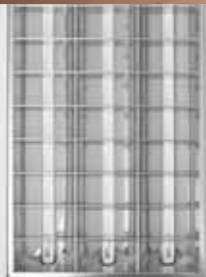
66

Commercial

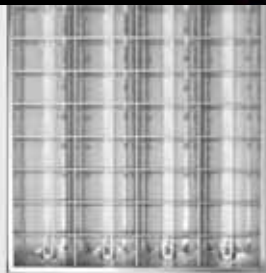




2 x 14 watt



3 x 14 watt

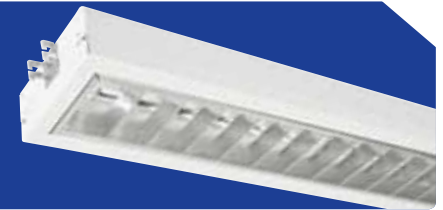


4 x 14 watt



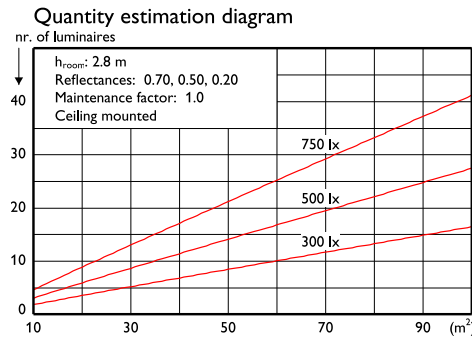
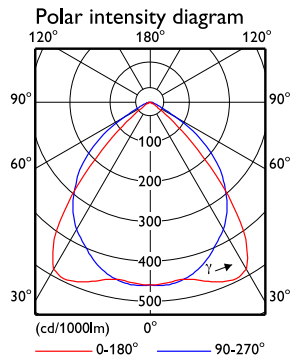
Futcha 5

The Futcha 5 is a high performance louvred luminaire designed for energy efficient T5 lamp technology.



F5125 1 x TL5 25W / 840 PBA4 current controlled ballast

F5125 1 x TL5 25W / 840 RBA4 current controlled ballast



Utilisation factor table

Reflectances			Room Index								
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	66	75	81	85	90	93	96	99	100
0.70	0.30	0.20	60	70	76	80	86	90	93	96	98
0.70	0.10	0.20	56	66	72	77	83	87	90	94	96
0.50	0.50	0.20	65	73	79	83	87	90	92	95	97
0.50	0.30	0.20	60	69	75	79	84	88	90	93	95
0.50	0.10	0.20	56	65	71	76	81	85	88	91	93
0.30	0.50	0.20	64	72	77	81	85	88	90	92	93
0.30	0.30	0.20	59	68	73	77	82	85	87	90	92
0.30	0.10	0.20	56	65	70	74	80	83	86	89	91
0.00	0.00	0.00	54	63	68	72	77	80	82	85	86

Ceiling mounted

Light output ratio 0.93
Service upward 0.00
Service downward 0.93

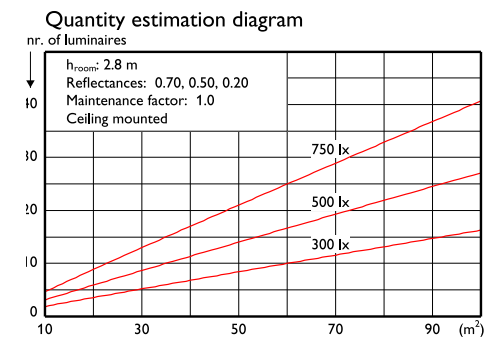
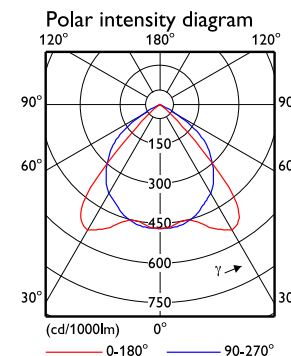
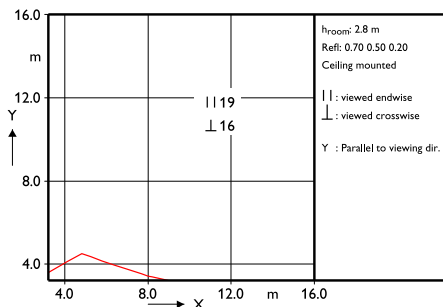
CIE flux code 70 97 100 100 93

SHR NOM (square) 1.25
SHR MAX (square) 1.46
SHR MAX (continuous) 1.64
UGRcen (4Hx8H, 0.25H) 19

Luminance Table

Plane Cone	0.0	15.0	30.0	45.0	60.0	75.0	90.0
45.0	6197	7216	8625	10424	10643	10259	9272
50.0	3061	4031	5474	7387	8929	9183	8150
55.0	1044	1869	2964	4328	5469	7166	6417
60.0	552	1109	1648	2169	3717	4228	3701
65.0	331	733	946	971	1690	2015	1945
70.0	189	392	465	407	892	1152	1189
75.0	119	147	185	232	549	742	810
80.0	94	122	146	168	388	528	589
85.0	134	128	128	131	250	339	401
90.0	-	-	-	-	-	-	-

UGR diagram



Utilisation factor table

Reflectances			Room Index								
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	66	77	84	89	95	99	101	105	107
0.70	0.30	0.20	59	71	78	83	90	95	98	102	104
0.70	0.10	0.20	55	66	74	79	86	91	95	99	102
0.50	0.50	0.20	65	75	82	86	92	95	98	101	103
0.50	0.30	0.20	59	70	77	82	88	92	95	98	101
0.50	0.10	0.20	54	66	73	78	85	89	92	96	99
0.30	0.50	0.20	63	73	80	84	89	92	95	97	99
0.30	0.30	0.20	58	69	75	80	86	90	92	95	97
0.30	0.10	0.20	54	65	72	77	83	87	90	94	96
0.00	0.00	0.00	52	63	69	74	80	84	86	89	91

Ceiling mounted

Light output ratio 0.99
Service upward 0.00
Service downward 0.99

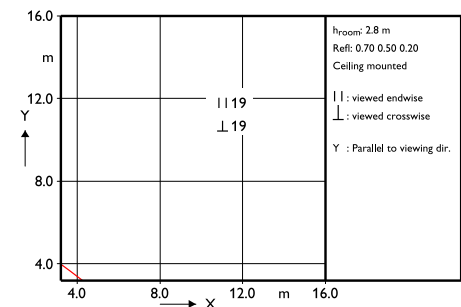
CIE flux code 70 98 100 100 99

SHR NOM (square) 1.00
SHR MAX (square) 1.07
SHR MAX (continuous) 1.71
UGRcen (4Hx8H, 0.25H) 19
CIBSE: LG3 65 deg, 1500 cd/m2

Luminance Table

Plane Cone	0.0	15.0	30.0	45.0	60.0	75.0	90.0
45.0	5331	7411	9959	12975	12510	11488	9907
50.0	1889	3239	5590	8943	10687	10712	9019
55.0	286	1519	2844	4260	7236	8197	7140
60.0	158	1005	1574	1866	3663	4416	4124
65.0	97	556	781	771	1166	1137	684
70.0	66	201	231	157	183	193	187
75.0	55	62	71	82	114	122	106
80.0	48	64	73	75	94	104	107
85.0	48	71	89	98	119	122	104
90.0	-	-	-	-	-	-	-

UGR diagram





Mail Point





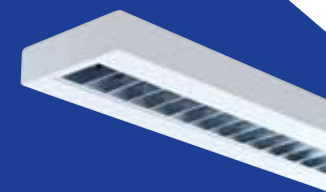
70

Commercial



Futcha 5 Surface Mount

The Futcha 5 surface mount luminaire delivers exceptional optical performance design for modern commercial applications.



Features

- Available in single, twin, triple and quad lamp options
- Sturdy low profile body only 70mm deep
- High performance louvre dedicated to T5 lamps providing class leading efficiencies
- Louvre available in specular, semi specular, Miro 5
- Louvre retained with concealed, two stage release, hinged stainless steel clips
- Available with analogue, DSI, DALI ballasts

- Supplied complete with lamps
- Suspension kits available
- LOR performance in excess of 88%

Applications

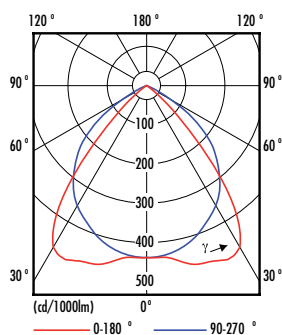
General commercial interiors, office, corridors, retail stores.



Technical

FUTCHA 5 F5128 M5 / SS louvre

Polar intensity diagram



Utilisation factor table

Reflectances			Room Index									
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	60	70	75	79	85	88	90	93	95	
0.70	0.30	0.20	55	64	71	75	81	85	87	91	93	
0.70	0.10	0.20	51	60	67	71	78	82	85	89	91	
0.50	0.50	0.20	59	68	73	77	82	85	87	90	91	
0.50	0.30	0.20	54	63	69	73	79	82	85	88	90	
0.50	0.10	0.20	50	60	66	70	76	80	83	86	88	
0.30	0.50	0.20	58	66	72	75	80	83	84	87	88	
0.30	0.30	0.20	53	62	68	72	77	80	82	85	87	
0.30	0.10	0.20	50	59	65	69	75	78	81	84	86	
0.00	0.00	0.00	48	57	63	67	72	75	77	80	82	

Ceiling mounted

Light output ratio 0.88
Service upward 0.00
Service downward 0.88

CIE flux code 72 98 100 100 88

SHR NOM (square) 1.00
SHR MAX (square) 1.07
SHR MAX (continuous) 1.60
UGRcen (4Hx8H, 0.25H) 19

Product Codes		Dim	Mass
Code	Version	(mm)	(kg)
MIRO 5			
F5S214P4	2 x T5 14W	600 x 235 x 70	4.0
F5S228P4	2 x T5 28W	1200 x 235 x 70	5.4
F5S128P4	1 x T5 28W	1200 x 235 x 70	5.3
Semi Specular			
F5S214M4	2 x T5 14W	600 x 235 x 70	4.0
F5S228M4	2 x T5 28W	1200 x 235 x 70	5.4
F5S128M4	1 x T5 28W	1200 x 235 x 70	5.3



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Commercial





AmbienZ

The AmbienZ is a direct / indirect luminaire combining an elegant architectural design with comfortable and controlled illumination.

Features

- Excellent performance with over 80% LOR
- Distribution provides outstanding uniformity in accordance with AS1680.1
- Direct / Indirect optics resulting in a brighter working environment
- Direct optics utilise either highly efficient Miro 5 louvre
- Available with air handling or blank trim to suit 400mm or 500mm ceilings
- Available with analogue, DSI or DALI dimming
- Suitable for plaster ceilings using Plaster Master frames

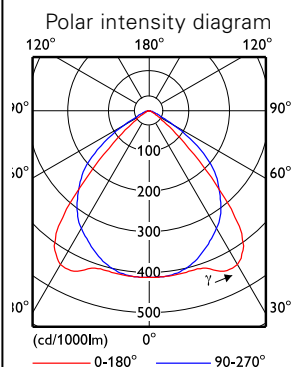
- Body of sheet steel construction and powder coated with highly reflective textured powder coat
- Shallow recess depth - 119mm
- 1.5m flex and plug

Applications

Foyers, sales areas, medical centres, hospitals, dental surgeries, and general office locations.

Technical

AMZ135PA4 - 1 x T5 35W / 840



Utilisation factor table

Reflectances			Room Index								
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	66	73	78	82	86	89	91	94	96
0.70	0.30	0.20	61	68	74	78	83	86	89	92	94
0.70	0.10	0.20	58	65	70	74	80	84	86	90	92
0.50	0.50	0.20	65	71	76	80	84	87	88	91	92
0.50	0.30	0.20	60	67	73	76	81	84	86	89	91
0.50	0.10	0.20	57	64	70	73	78	82	84	87	89
0.30	0.50	0.20	64	70	75	78	82	84	86	88	89
0.30	0.30	0.20	60	66	71	75	79	82	84	86	88
0.30	0.10	0.20	57	63	69	72	77	80	82	85	87
0.00	0.00	0.00	55	62	67	70	74	77	79	81	82

Ceiling mounted

Light output ratio	0.88
Service upward	0.00
Service downward	0.88

CIE flux code 67 96 100 100 88

SHR NOM (square)	1.50
SHR MAX (square)	1.50
SHR MAX (continuous)	1.71
UGRcen (4Hx8H, 0.25H)	15
EN12464-1	65 deg, 1000 cd/m2
CIBSE: LG3	65 deg, 1000 cd/m2



Product Codes		Dim
Code	Version	(mm)
LOUVRE, Dir/Ind with M5 louvre Col 840 lamp		
AMZ128PA4	1 x 28W	1194 x 294 x 119
AMZ135PA4	1 x 35W	1494 x 294 x 119
AMZ214PD4	2 x 14W	594 x 594 x 119



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Commercial

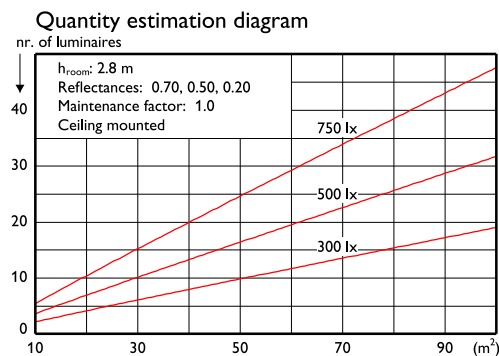
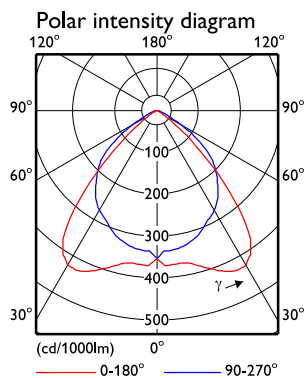


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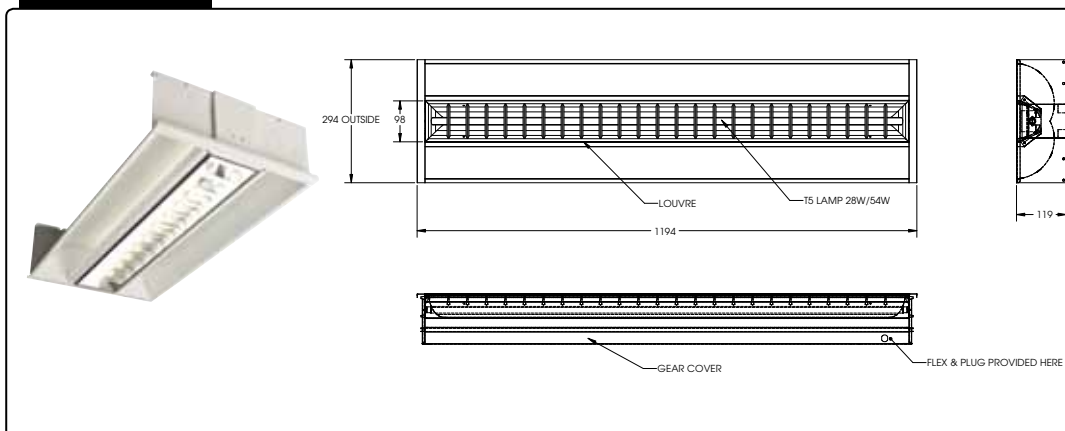
AmbienZ

The AmbienZ is a direct / indirect luminaire combining an elegant architectural design with comfortable and controlled illumination.

AMZ128PA4 - 1 x T5 28W / 840



Technical



Light output ratio 0.82
Service upward 0.00
Service downward 0.82

CIE flux code 66 95 99 100 82

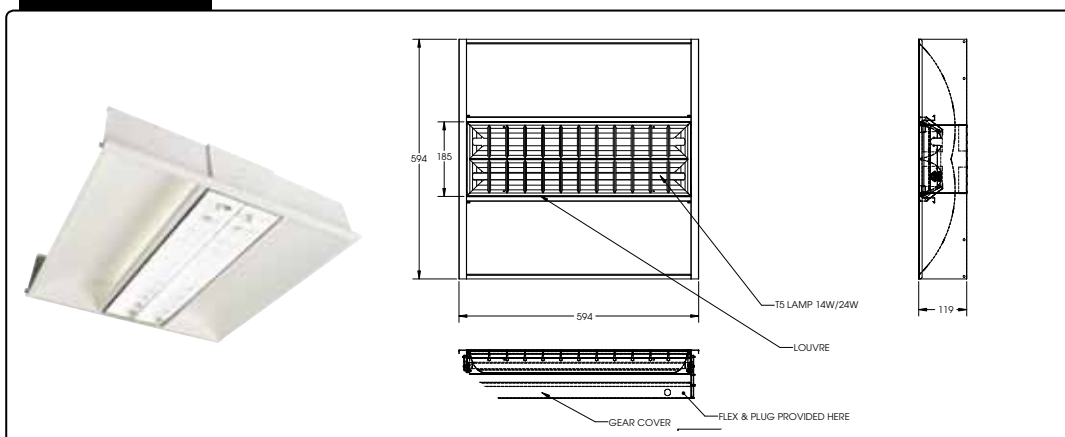
SHR NOM (square) 1.00
SHR MAX (square) 1.05
SHR MAX (continuous) 1.80
UGR_{cen} (4Hx8H, 0.25H) 15
EN12464-1 65 deg, 1000 cd/m²
CIBSE: LG3 65 deg, 1000 cd/m²

Utilisation factor table

Reflectances			Room Index									
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	53	62	67	71	77	80	82	85	87	
0.70	0.30	0.20	47	56	62	67	73	77	79	83	85	
0.70	0.10	0.20	43	52	59	63	69	73	76	80	83	
0.50	0.50	0.20	52	60	66	69	74	77	80	82	84	
0.50	0.30	0.20	46	55	61	65	71	74	77	80	82	
0.50	0.10	0.20	43	52	58	62	68	72	75	78	80	
0.30	0.50	0.20	50	59	64	67	72	75	77	79	81	
0.30	0.30	0.20	46	55	60	64	69	72	75	78	79	
0.30	0.10	0.20	42	51	57	61	67	70	73	76	78	
0.00	0.00	0.00	41	50	55	59	64	67	70	72	74	

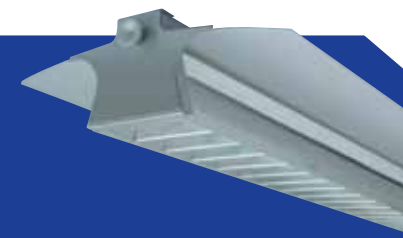
Ceiling mounted

Technical



Osprey

Architecturally designed direct/indirect suspended T5 luminaire designed with a choice of a high performance louvre or stylish perforated basket.



Features

- Direct/indirect lighting component
- Architecturally designed body
- Body of sheet steel construction and powder coated
- Indirect component achieved with curved refractor panels
- Direct component achieved with louvres or central perforated basket
- Easy lamp access by removing end cap
- Impressive LOR of 83%

- T5 efficient lamp technology
- Colour 840 lamps included
- Suspended mounting

Applications

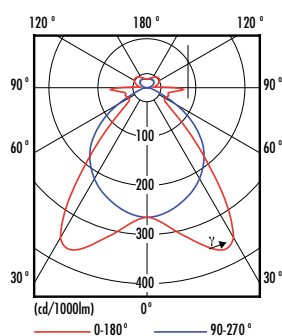
Conference rooms, lobbies & reception areas, libraries & office installations.



Technical

OSP15M4 - 1 x 54W S/S Louvre

Polar intensity diagram



Utilisation factor table

Reflectances			Room Index									
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	46	54	60	64	69	73	75	79	81	
0.70	0.30	0.20	40	48	54	58	64	68	71	75	78	
0.70	0.10	0.20	36	44	49	54	60	64	68	72	75	
0.50	0.50	0.20	44	51	56	60	65	68	70	73	75	
0.50	0.30	0.20	38	46	51	55	61	64	67	71	73	
0.50	0.10	0.20	35	42	47	51	57	61	64	68	71	
0.30	0.50	0.20	42	48	53	56	61	64	66	68	70	
0.30	0.30	0.20	37	44	49	52	57	61	63	66	68	
0.30	0.10	0.20	34	41	46	49	55	58	61	64	67	
0.00	0.00	0.00	31	37	42	45	50	53	55	58	60	

Ceiling mounted

Light output ratio
Service upward 0.12
Service downward 0.71

CIE flux code 60 84 92 86 83

SHR NOM (square) 0.75
SHR MAX (square) 0.91
SHR MAX (continuous) 1.63
UGRcen (4Hx8H, 0.25H) 18

Product Codes		Dim	Mass
Code	Version	(mm)	(kg)
Perforated basket			
OSP154B4	1 x 54W T5	1178 x 515 x 94	5.5
Semi-specular louvre			
OSP154M4	1 x 54W T5	1178 x 515 x 94	5.0
Specular louvre			
OSP154S4	1 x 54W T5	1178 x 515 x 94	5.0



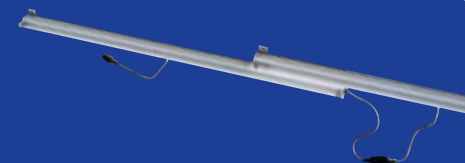
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Commercial



Fino Coffer

Linkable T5 module suitable for cove lighting with the design flexibility of dimming options.



Features

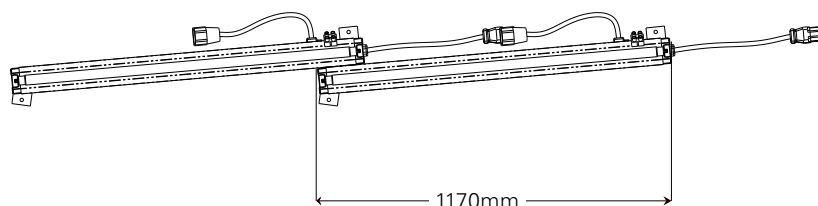
- Slim line linkable T5 fluorescent batten
- Linked utilising in built plug and play arrangement
- Body of cold rolled channel, finished in white powder coat with UV stabilised polycarbonate end caps
- Quarter turn quick release reflector
- Lamps can be overlapped to reduce dark spots
- Small size allows for easy installation into coves or pelmets
- 42 x (1 x 28 watt) fittings per 16 AMP circuit
- Dimming options are available. including analogue, DSI and DALI
- Colour 840 lamps included
- Available in 14, 21, 28, 54 and 35 watt T5 single lamp options

Applications

Cove and pelmet lighting.



Technical



Product Codes		Dim	Mass
Code	Version	(mm)	(kg)
FC128BE4	1 x 28W T5	1170 x 57 x 43	0.6
FC114BE4	1 x 14W T5	570 x 57 x 43	0.4
Accessories			
Note: Supplied with 4000K lamps			







Adreno

Linkable slim line T5 batten suitable for cove and pelmet lighting.



PHILIPS

Features

- Body of UV stabilised heat resistant polycarbonate
- Reeded diffuser is manufactured from UV resistant PMMA
- Adreno can be linked via joiners which are 150mm
Supplied complete with one joiner.
- Single lamp option only.
- Supplied with flex and plug
- Adreno supplied with on / off switch
- Complete with colour 840 lamp

Applications

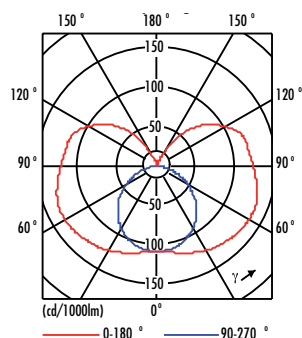
Retail, office, pelmets, alcoves.



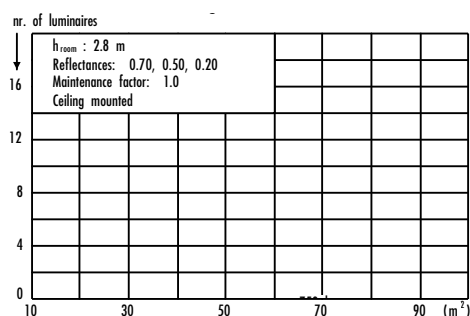
Technical

TWG128 - 1 x 28W T5 840

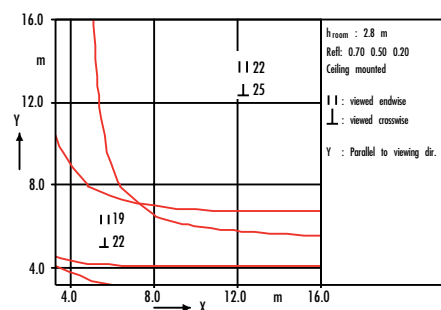
Polar intensity diagram



Quantity estimation diagram



URG diagram



Product Codes

Code	Version	
TWG114/2005	1 x 14w T5 F&P	150mm Joiner
TWG121/2005	1 x 21w T5 F&P	150mm Joiner
TWG128/2005	1 x 28w T5 F&P	150mm Joiner



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Commercial



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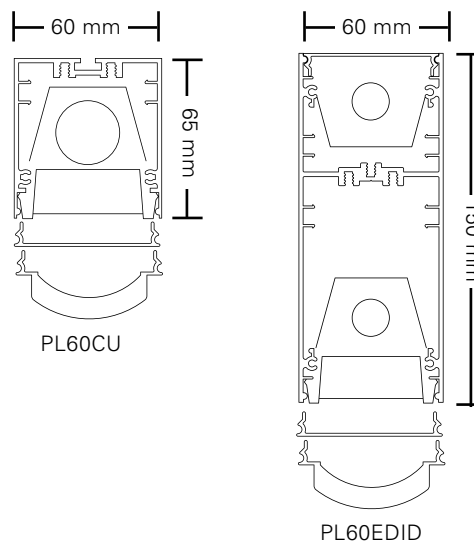
Edge and Cube

Extruded linear T8, T5 fluorescent luminaire system designed to your specification requirements.



Features

- Powder coat or anodised finish
- Pre-wired system made up to 6m sections
- Available in single T8 and T5 lamp configurations
- Bends available for various angles
- Edge - direct / indirect
- Cube - indirect
- Lamps excluded to allow choice of colours at time of order

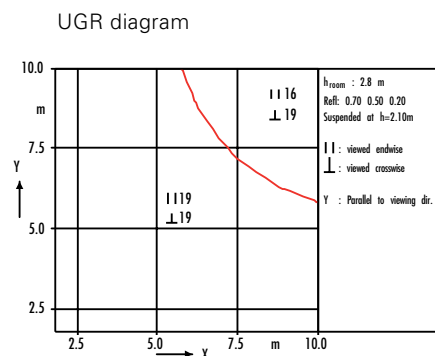
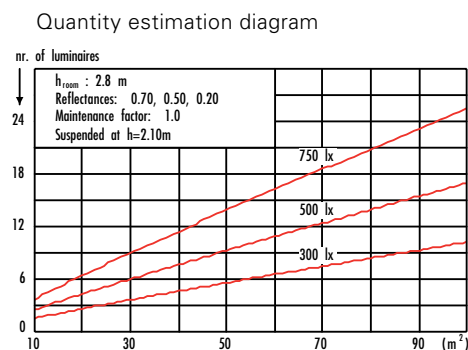
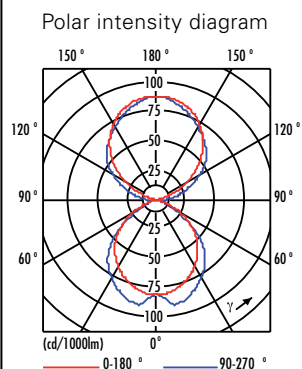


Applications

Offices, boardrooms, libraries

Technical

PLC60 - 1 x 58W T8 direct / indirect

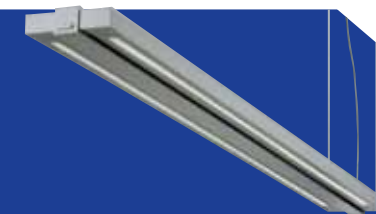


Product Codes		Dim
Code	Version	(mm)
PL60EDID	Edge	Various x 60 x 150
PL60CU	Cube	Various x 60 x 65



Plane

Architecturally designed pendant fixture,
providing direct/indirect illumination.



Features

- Impressive LOR of 82%
- Die-cast aluminium body
- Integral electronic control gear
- Wire suspension length 1.4m
- Lamp replacement without tools
- Elegant design
- Silver finish
- Lamps excluded to allow choice of colour at time of order
- Energy efficient T5 lamp technology up to 80 watts

Applications

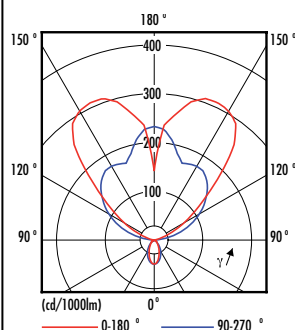
Conference rooms, reception areas, office locations,
libraries, call centres.



Technical

0.21103 2 x 28W T5

Polar intensity diagram



Utilisation factor table

Reflectances			Room Index									
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	31	37	41	45	49	53	55	58	60	
0.70	0.30	0.20	26	32	36	40	45	49	52	55	58	
0.70	0.10	0.20	22	28	33	36	42	46	49	53	55	
0.50	0.50	0.20	22	26	30	32	35	38	39	41	43	
0.50	0.30	0.20	19	23	27	29	33	35	37	40	41	
0.50	0.10	0.20	16	21	24	27	31	33	35	38	40	
0.30	0.50	0.20	14	17	19	20	22	24	25	26	27	
0.30	0.30	0.20	13	15	17	19	21	23	24	25	26	
0.30	0.10	0.20	11	14	16	18	20	22	23	24	25	
0.00	0.00	0.00	3	4	4	4	4	5	5	5	5	

Ceiling mounted

Light output ratio 0.82
Service upward 0.76
Service downward 0.06

CIE flux code 69 89 97 7 82

SHR NOM (square) 0.75
SHR MAX (square) 0.93
SHR MAX (continuous) 1.02
UGRcen (4Hx8H, 0.25H) 3

Product Codes		Dim	Mass
Code	Version	(mm)	(kg)
0.21108.00-906	2 x T5 28/54W	1220 x 138 x 40	4.5
0.21109.00-906	2 x T5 35/49/80W	1520 x 138 x 40	6.0



82

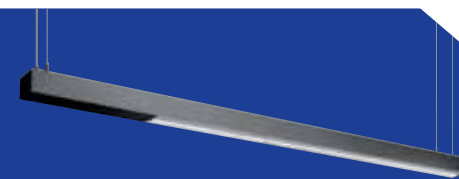
Commercial





Profilon T5

The profilon is designed for task area lighting and wall washing, with direct/indirect or as a dedicated up light.

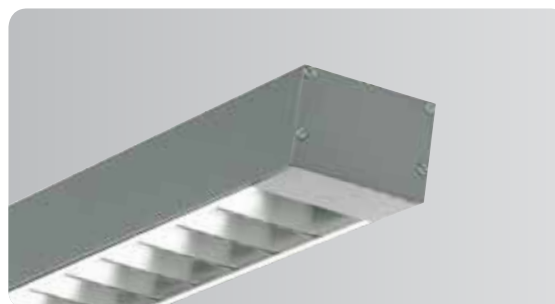


Features

- Stylish luminaire offering a wide range of optics
- Extruded aluminium body
- Integral electronic control gear
- Complete with wire suspension up to 2.5m
- T5 technology
- Range of beam distributions, task area, wall washer, direct and indirect.
- Silver body
- Lamps excluded to allow choice of colour at time of order

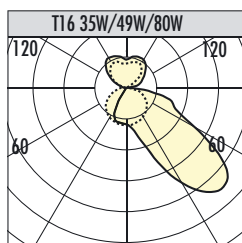
Applications

Conference rooms, lobbies, reception areas, libraries and office installations.

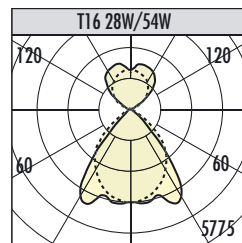


Technical

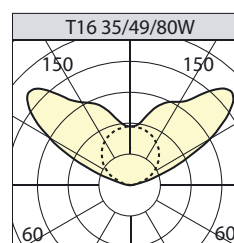
Wall washer



Direct/Indirect



Indirect



Product Codes		Dim	Mass
Code	Version	(mm)	(kg)
Task Area			
0.21848.00-906	28/54W Left Type	1635 x 87 x 60	3.3
0.21849.00-906	35/49/80W Left Type	1935 x 87 x 60	3.8
0.21842.00-906	28/54W Right Type	1635 x 87 x 60	3.3
0.21843.00-906	35/49/80W Right Type	1935 x 87 x 60	3.8
Wall washer			
0.21812.00-906	28/54W Left Type	1635 x 87 x 60	3.3
0.21813.00-906	35/49/80W Left Type	1935 x 87 x 60	3.8
0.21814.00-906	28/54W Right Type	1635 x 87 x 60	3.3
0.21815.00-906	35/49/80W Right Type	1935 x 87 x 60	3.8
Direct/Indirect			
0.21808.00-906	28/54W	1635 x 87 x 60	3.3
0.21809.00-906	35/49/80W	1935 x 87 x 60	3.8
0.21810.00-906	28/54W double-length	2843 x 87 x 60	6.3
0.21811.00-906	35/49W double-length	3443 x 87 x 60	7.3
Indirect			
0.21838.00-906	Task Area 28/54W	1635 x 87 x 60	3.3
0.21839.00-906	Task Area 35/49/80W	1935 x 87 x 60	3.8



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Commercial





Corcovado Pendant

Architecturally designed pendant luminaire to suit a variety of design applications.

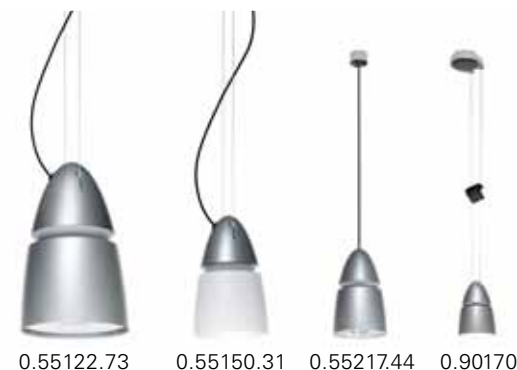


Features

- 4 x sizes - mini, small, medium and large
- Die cast aluminium body
- Integral ballast or transformer
- Adjustable stainless steel double wire suspension mini - 2.0m long medium/large - 2.6m long
- Small version 2.5m rod suspension only available
- A choice of IP20/65

Applications

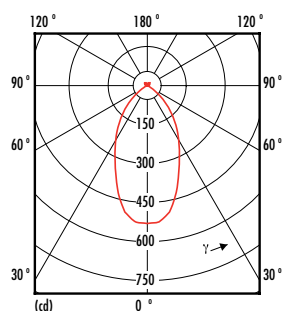
Retail centres, arcades, foyers hotels bars and restaurants.



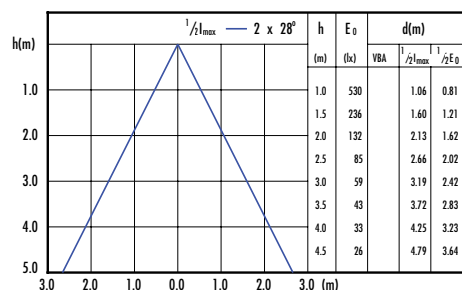
Technical

0.55117.44 - 1 x TC-T 26W

Polar intensity diagram



Beam diagram



Light output ratio
Service upward
Service downward

0.34
0.03
0.31

I_{max}

530 cd

BS ($\frac{1}{2}I_{max}$)
BS ($\frac{1}{2}E_0$)

2 x 28°
2 x 22°

Product Codes			Dim	Mass
Code	Version		(mm)	(kg)
Small				
0.55257.42-906	TC-TEL 13W	opal base	139 x 218	1.0
0.55227.42-906	TC-TEL 13W	silver reflector	139 x 218	1.1
Medium				
0.55218.43-906	TC-TEL 18W	opal base	190 x 305	3.2
0.55218.44-906	TC-TEL 26W	opal base	190 x 305	3.2
0.55217.43-906	TC-TEL 18W	silver reflector	190 x 305	3.7
0.55217.44-906	TC-TEL 26W	silver reflector	190 x 305	3.7
Large				
0.55119.73-906	HIE 70W	silver reflector	275 x 438	5.4
0.55119.75-906	HIE 150W	silver reflector	275 x 438	7.0
0.55150.31-906	TC-TEL 42W	opal base	275 x 438	4.8
0.55120.31-906	TC-TEL 42W	silver reflector	275 x 438	5.0



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Commercial





Corcovado Wall

Architecturally designed IP65 wall mount luminaire designed to suit a variety of interior commercial applications.



Features

- Die cast aluminium body
- Silver powder coat
- Integral ballast
- Ignitor with automatic circuit breaker
- Adjustable 90° aiming
- Lamps excluded to allow choice of colours at time of order
- Optional colours to order

Applications

Shops, restaurants, arcades, hotels.

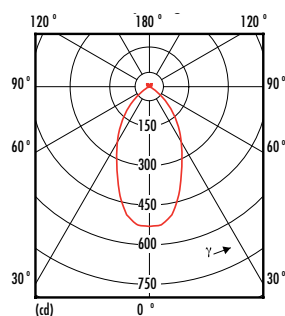


Adjustable 90° aiming

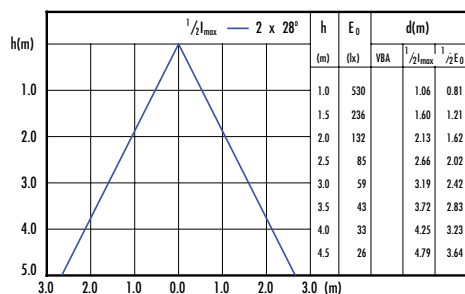
Technical

0.58117.44 1 x TC-T 26W

Polar intensity diagram



Beam diagram



Light output ratio
Service upward
Service downward

0.34
0.03
0.31

I_{max}

530 cd

BS (1/2 I_{max})

2 x 28°

BS (1/2 E₀)

2 x 22°



Product Codes		Dim	Mass
Code	Version	(mm)	(kg)
Medium silver			
1.1327.0.44-916	1 x TC-T 26W	190 x 305	4.0
Large silver			
1.1322.3.73-916	1 x HIT 70W	275 x 438	6.6
1.1322.3.75-916	1 x HIT 150W	275 x 438	6.6



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Commercial



Vetro

Architectural range of wall and pendant luminaires for compact fluorescent lamps.



Features

- Wall and Pendant mounting
- Housing of die cast aluminium brushed with clear varnish finish
- Hand blown opal glass, exterior matt Interior opalescent
- Transparent connecting cable
- Complete with wire suspension, adjustable to maximum 2.5m

Applications

Restaurants, foyers, boardrooms, lobby's, cafeteria's.

Technical



100220



100222



1002294



Product Codes		Dim	Mass
Code	Version	(mm)	(kg)
100222	1 x 13w TC-D/EL Pendant	60 x 405	1.4
100220	1 x 26/32W TC-TEL Pendant	120 x 343	2.5
100294	1 x 13w TCD/EL Wall Mount	60 x 280	1.1



Pendalyte

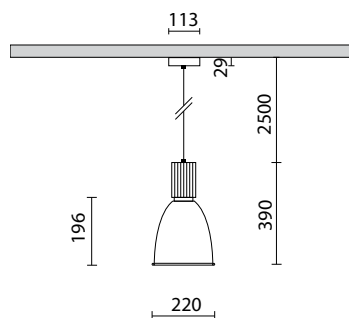
Decorative range of architectural highbays.

Features

- Suitable for compact fluorescent lamps up to 42 watt
- Standard with electronic ballast
- Gear housing of cast aluminium profile
- Reflector of anodised aluminium or coloured glass
- Complete with wire suspension up to 2.5m

Applications

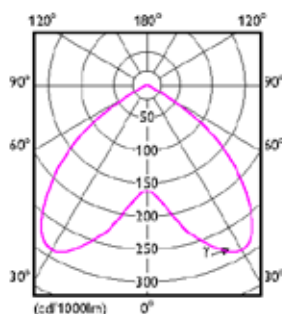
Restaurants, bars, food courts, retail, shopping centres, foyers, lobbies.



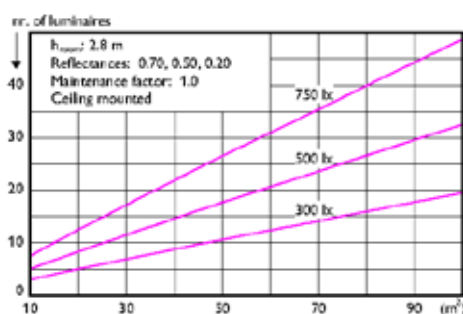
Technical

100182 1 x 32WTC-TEL

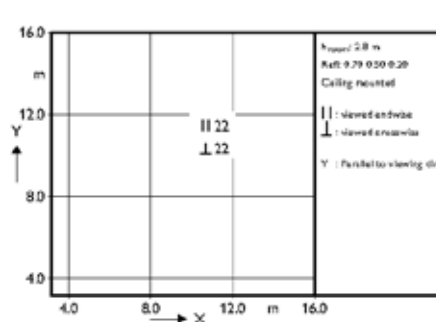
Polar intensity diagram



Quantity estimation diagram



URG diagram



Product Codes		Reflector	Dim	Mass
Code	Version	Colour	(mm)	(kg)
100178	1 x 26WTC-TEL	Silver	181 x 286	1.8
100179	1 x 26WTC-TEL	Amber	181 x 286	2.0
100180	1 x 26WTC-TEL	White	181 x 286	2.0
100181	1 x 26WTC-TEL	Blue	181 x 286	2.0
100182	1x 26/32/42WTC-TEL	Silver	220 x 390	2.1
100183	1x 26/32/42WTC-TEL	Amber	220 x 390	2.1
100184	1x 26/32/42WTC-TEL	White	220 x 390	2.1
100185	1x 26/32/42WTC-TEL	Blue	220 x 390	2.1



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Commercial



IP20



2.1kg

Max. Mass



to 25





Ventura

The Ventura High Bay has been designed with classic lines ideal for architectural applications.

Features

- Opaque refractor for efficient yet unobtrusive lighting
- High vertical & horizontal illumination
- Supplied with integral control gear up to 250W MH
- Aluminium gear housing
- Silver powder coated fins
- Complete with hook for wire suspension
- Lamp included

- Impressive LOR of 84%
- 1.5m flex and plug

Applications

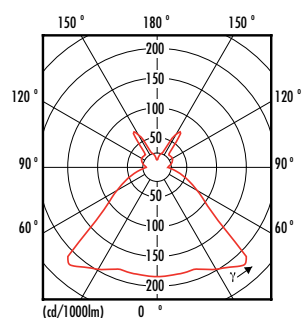
Retail shops, arcades and shopping malls.



Technical

VNT150MH - 150W MH

Polar intensity diagram



Utilisation factor table

Reflectances			Room Index								
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	45	53	58	62	68	72	74	78	80
0.70	0.30	0.20	39	47	53	57	63	67	70	75	77
0.70	0.10	0.20	35	42	48	53	59	64	67	72	75
0.50	0.50	0.20	42	49	54	58	63	66	68	71	73
0.50	0.30	0.20	37	44	49	53	59	62	65	69	71
0.50	0.10	0.20	34	40	45	50	55	59	62	66	69
0.30	0.50	0.20	39	45	50	53	57	60	62	65	67
0.30	0.30	0.20	35	41	46	49	54	58	60	63	65
0.30	0.10	0.20	32	38	43	47	52	55	58	61	63
0.00	0.00	0.00	29	34	38	41	46	49	51	53	55

Ceiling mounted

Light output ratio 0.84
Service upward 0.19
Service downward 0.65

CIE flux code 48 80 94 77 84

SHR NOM (square) 1.50
SHR MAX (square) 1.63

UGRcen (4Hx8H, 0.25H) 21

Product Codes		Dim	Mass
Code	Version	(mm)	(kg)
16 inch Refractor, wire suspension			
VNTA32W	1 x 32W TC-TE	420 x 505	3.0
VNTA42W	1 x 42W TC-TE	420 x 505	3.0
VNTA70MH	1 x 70W MH	420 x 505	4.0
VNTA150MH	1 x 150W MH	420 x 505	4.2
VNTAE27	E27 LH no gear	420 x 505	2.5
22 inch Refractor, wire suspension			
VNTB250MHW	1 x 250W MH	560 x 505	4.6
VNTBE27	E27 LH no gear	560 x 505	2.5
VNTBE40	E40 LH no gear	560 x 505	2.5



92

Commercial

IP20



Max. Mass



to 25

Mini Arcade

The Mini Arcade is a highly efficient direct/indirect architectural luminaire.

Features

- High vertical and horizontal illumination with low brightness and minimal glare
- Metalware finished standard in non-discolouring silver grey polyester powder coat
- Architectural colours available upon request
- Ideal for mounting heights of 3 to 4m
- HPF remote gear wired to 0.9 pf minimum
- Lamp included

- An impressive LOR of 97%
- 1.5m flex and plug included

Applications

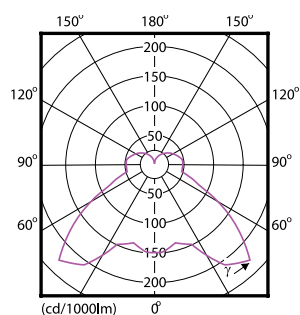
Retail shops, arcades, shopping malls or shopping centres, awnings and bus and railway stations.



Technical

AHBM100MH 1 x MH 100W

Polar intensity diagram



Utilisation factor table

Reflectances			Room Index								
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	n/a	60	66	71	77	82	85	89	92
0.70	0.30	0.20	n/a	53	59	64	71	76	80	85	88
0.70	0.10	0.20	n/a	48	54	59	66	72	75	81	85
0.50	0.50	0.20	n/a	56	61	65	71	75	78	81	84
0.50	0.30	0.20	n/a	50	55	60	66	71	74	78	81
0.50	0.10	0.20	n/a	46	51	55	62	67	70	75	78
0.30	0.50	0.20	n/a	52	56	60	65	69	71	74	76
0.30	0.30	0.20	n/a	47	52	56	61	65	68	72	74
0.30	0.10	0.20	n/a	43	48	52	58	62	65	69	72
0.00	0.00	0.00	n/a	39	42	46	51	55	57	60	63

Ceiling mounted

Light output ratio 0.97
Service upward 0.21
Service downward 0.76

CIE flux code 36 74 90 78 97

SHR NOM (square) 2.00
SHR MAX (square) 2.00

UGRcen (4Hx8H, 0.25H) 20

Product Codes		Dim	Mass
Code	Version	(mm)	(kg)
AHBM16/142	1 x 42W TC-TEL	410 x 1000	1.7
AHBM16/226	2 x 26W TC-TEL	410 x 1000	1.7
AHBM1670MH	1 x 70W MH	410 x 1000	1.7
AHBM16100MH	1 x 100W MH	410 x 1000	1.7
Accessories			
AHBMWG	Wire guard kit		
AHBM/FS	Flat clear acrylic lens kit		



P2000

LED night light for low level lighting designed for use in hospitals and care facilities.

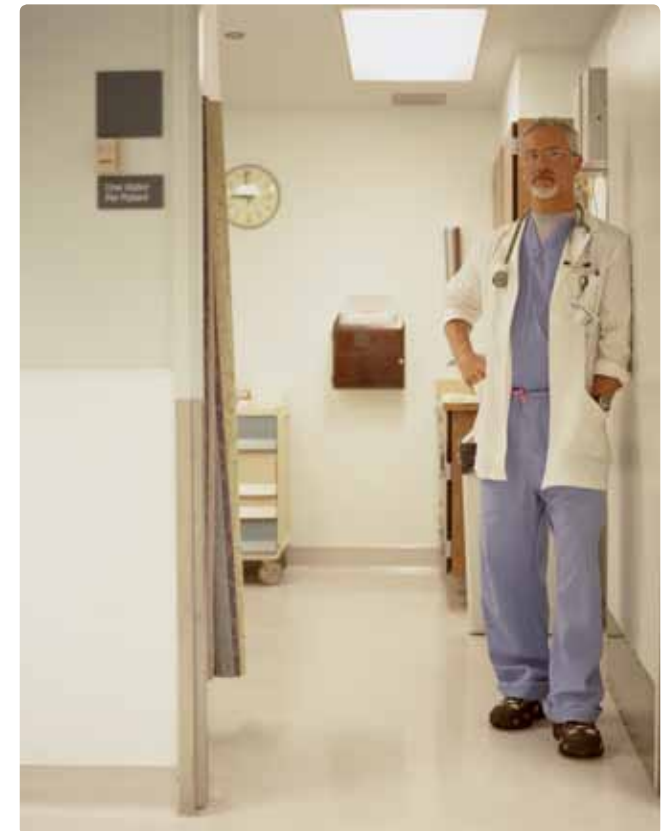


Features

- Complete PCB mount LEDs with transformer and connector have been designed and fixed to a standard (Clipsal 2000 series or equivalent) grid and plate (Clipsal is a registered brand of Schneider Electric)
- Can be recessed and utilised to fit a wide range of standard (Clipsal mounting or equivalent) plates, blocks and boxes
- Once product is correctly wired, secure the grid to the appropriate plate, block or box by screwdriver. Surround plate is then snapped into position
- Connection is fixed PCB connector at rear Active / Earth / Neutral 220/240volts 50/60Hz 0.03A
- Grid and surrounding mount in opal finish

Applications

Hospitals, aged care facilities.



Technical



Product Codes		Dim
Code	Version	(mm)
P2000W	White	117 x 76
P2000R	Red	117 x 76



94

Commercial



Lablight

A fully enclosed, louvred, energy efficient sealed T5 luminaire.



Features

- Luminaire sealed from above and below the ceiling to prevent contamination
- Securely installed from below with four simple yet strong external adjustable flip-out mounting brackets with purpose sealed separate framed diffuser
- Rear access version available
- Fully enclosed steel body, finished in white polyester powder coat
- Gasket frame screw fixed to body and seals against body and ceiling
- 1.5m flex and plug, flat earth
- 6mm thick flush mounted front diffuser frame retained by 8 x stainless steel screws countersunk with optional tamper proof screws available
- T5 lamps included with a choice of colours

Applications

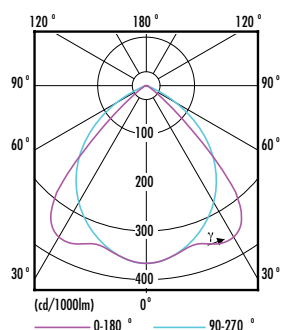
Hospital operating theatres, laboratory clean rooms, food preparation areas and in areas where the prevention of contamination is essential.



Technical

LAR228EM4 - 2 x 28W T5

Polar intensity diagram



Utilisation factor table

Reflectances			Room Index									
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	50	57	61	64	68	71	73	75	76	
0.70	0.30	0.20	45	53	57	61	65	68	70	73	75	
0.70	0.10	0.20	42	49	54	58	63	66	68	71	73	
0.50	0.50	0.20	49	55	60	63	66	69	70	72	74	
0.50	0.30	0.20	45	52	56	60	64	66	68	71	72	
0.50	0.10	0.20	42	49	54	57	61	64	66	69	71	
0.30	0.50	0.20	48	54	58	61	64	67	68	70	71	
0.30	0.30	0.20	44	51	55	58	62	65	66	68	70	
0.30	0.10	0.20	42	49	53	56	60	63	65	67	69	
0.00	0.00	0.00	40	47	51	54	58	60	62	64	65	

Ceiling mounted

Cutout Dim (mm)

LAR414S4 610 x 610

LAR228S4 1210 x 235

Light output ratio 0.71
Service upward 0.00
Service downward 0.71

CIE flux code 68 96 100 100 71

SHR NOM (square) 1.25
SHR MAX (square) 1.29
SHR MAX (continuous) 1.71
UGRcen (4Hx8H, 0.25H) 18

Product Codes		Dim	Mass
Code	Version	(mm)	(kg)
Specular louvre			
LAR414S4	4 x 14W T5	642 x 642 x 107	8.7
LAR228S4	2 x 28W T5	1242 x 249 x 107	8.7
Semi-specular louvre			
LAR414M4	4 x 14W T5	642 x 642 x 107	8.7
LAR228M4	2 x 28W T5	1242 x 249 x 107	8.7



Clean Room

The CRS & CRN are fully enclosed and sealed plaster troffers.

Features

- Luminaire sealed from above and below the ceiling to prevent contamination
- Installed from below with four external adjustable flip-out mounting brackets
- Purpose sealed separate framed diffuser
- Fully enclosed steel body, finished in white polyester powder coat
- Electrical components mounted under metal gear cover for electrical safety
- 1.5m flex and plug, flat earth
- Gasket frame screw fixed to body and seals against body and ceiling
- 6mm thick flush mounted front diffuser frame retained by 8 stainless steel screws

Applications

Hospital operating theatres, laboratory clean rooms, food preparation areas and in areas where the prevention of contamination is essential.

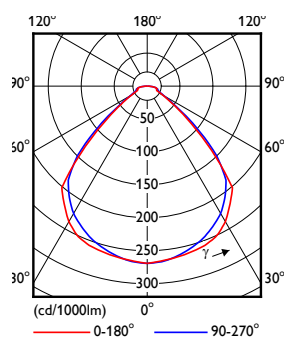


Technical

CRN236 - 2 X 36W T8 with clear lens

Cutout Dim (mm)
CRN236/228 1258 x 355

Polar intensity diagram



Utilisation factor table

Reflectances			Room Index									
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	38	44	48	50	54	56	58	60	61	
0.70	0.30	0.20	35	40	44	47	51	54	55	58	59	
0.70	0.10	0.20	32	38	42	44	49	51	53	56	58	
0.50	0.50	0.20	38	43	47	49	52	54	56	58	59	
0.50	0.30	0.20	34	40	43	46	50	52	54	56	57	
0.50	0.10	0.20	32	37	41	44	48	50	52	55	56	
0.30	0.50	0.20	37	42	45	48	51	52	54	56	57	
0.30	0.30	0.20	34	39	43	45	48	51	52	54	55	
0.30	0.10	0.20	31	37	41	43	47	49	51	53	54	
0.00	0.00	0.00	30	36	39	42	45	47	48	50	52	

Ceiling mounted

Light output ratio 0.58
Service upward 0.00
Service downward 0.58

CIE flux code 63 91 97 100 58

SHR NOM (square) 1.25
SHR MAX (square) 1.41
SHR MAX (continuous) 1.68
UGRcen (4Hx8H, 0.25H) 16
CIBSE: LG3 65 deg, 1500 cd/m2

Product Codes		Dim	Mass
Code	Version	(mm)	(kg)
Installation & lamp access from below - IP54			
CRS236E2F4	2 x 36W T8 Elec.	1272 x 37 x 120	8.9
CRS228E2F4	2 x 28W T5 Elec.	1272 x 37 x 120	8.9
Installation from below & lamps accessed from above - IP44			
CRN236E2R4	2 x 36W T8 Elec.	1272 x 37 x 120	8.9
CRN228E2R4	2 x 28W T5 Elec.	1272 x 37 x 120	8.9
Surface Mount			
SCR			
Note: supplied standard with Y12 diffuser + 4000K lamps			



96

Commercial



PIERLITE
professional lighting solutions

VDT

High security troffer offering the ultimate solution for areas requiring an impact and tamper proof, flush mounted recessed luminaire.



Features

- Two versions available including a plaster version and recessed concrete version
- Body manufactured in 0.7mm steel and the frame from 1.6mm steel with white non-discolouring, corrosion resistant powder coat finish
- Body fully enclosed to eliminate entry of foreign contaminants from above the ceiling line
- Electrical components mounted under centrally located metal gear cover for electrical safety
- Supplied standard with 1.5m flex and plug, flat earth
- Diffuser frame has sealed 4.5mm clear polycarbonate lens

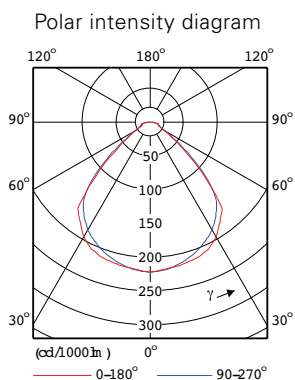
Applications

Vandal-prone situations such as detention centres, prisons, public amenities, schools and sporting facility change rooms.



Technical

VDTP236EP4 - 2 x 36W T8



Utilisation factor table

Reflectances			Room Index									
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	31	36	39	41	44	46	47	49	50	
0.70	0.30	0.20	28	33	36	39	42	44	45	47	49	
0.70	0.10	0.20	26	31	34	37	40	42	44	46	48	
0.50	0.50	0.20	31	35	38	40	43	44	46	47	48	
0.50	0.30	0.20	28	33	36	38	41	43	44	46	47	
0.50	0.10	0.20	26	31	34	36	39	41	43	45	46	
0.30	0.50	0.20	30	34	37	39	41	43	44	45	46	
0.30	0.30	0.20	28	32	35	37	40	42	43	44	45	
0.30	0.10	0.20	26	30	33	35	38	40	42	44	45	
0.00	0.00	0.00	25	29	32	34	37	39	40	42	43	

- The **VDT STANDARD VISOR** assembly is supplied with a standard five (5) star Torx screw fixing; a suitable fastening tool is required to install and maintain this product. The tool is not supplied with the product, however is available via most hardware supply stores
- The **VDTTAMPER PROOF VISOR** assembly is supplied with a special six (6) star Torx screw fixing; a special fastening tool is required to install and maintain this product. The tool is not supplied with the product and due to security regulations, special security authorization is required to supply this tool, which is available via Pierlite Australia.

Product Codes		Dim	Mass
Code	Version	(mm)	(kg)
Plaster Version, Electronic			
VDTP236EP4	2 x 36W T8	1278 x 301 x 92	15.0
VDTP228EP4	2 x 28W T5	1278 x 301 x 92	15.0
Concrete Version, Electronic			
VDTC236EP4	2 x 36W T8	1278 x 301 x 92	15.0
VDTC228EP4	2 x 28W T5	1245 x 265 x 90	15.0
Note: supplied standard with 3mm clear polycarbonate lens and 4000K lamps.			
Accessories			
Concrete precast dummy box VDTC36BOX, VDTC18 BOX			



Multilux Louvred and Diffused surface mount

Energy efficient surface mount module design for commercial interiors.



Features

- Surface mount applications
- Body of zinc steel, finished in highly reflective white powder coat
- Durable polycarbonate end caps
- Louvre options include specular and semi specular
- Diffuse model use a choice of Y12 and Y19 lens
- Lay in louvres with lanyards and earthing for electrical safety

- Energy efficient electronic ballasts
- T8 lamps and diffusers ordered separately

Applications

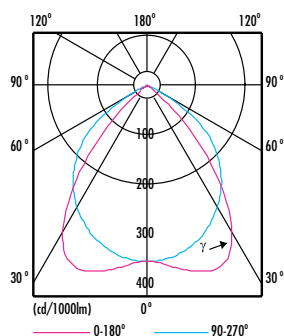
Office, retail stores, commercial applications.



Technical

SMTL236 - 2 X 36W S/S Louvre

Polar intensity diagram



Utilisation factor table

Reflectances			Room Index									
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	50	57	61	63	67	69	70	72	74	
0.70	0.30	0.20	46	53	57	60	64	67	68	71	72	
0.70	0.10	0.20	44	50	54	58	62	64	66	69	71	
0.50	0.50	0.20	49	55	59	62	65	67	68	70	71	
0.50	0.30	0.20	46	52	56	59	62	65	66	68	70	
0.50	0.10	0.20	43	50	54	57	60	63	65	67	69	
0.30	0.50	0.20	49	54	58	60	63	65	66	67	68	
0.30	0.30	0.20	45	51	55	58	61	63	65	66	67	
0.30	0.10	0.20	43	49	53	56	59	62	63	65	66	
0.00	0.00	0.00	42	48	52	54	57	59	61	62	63	

Ceiling mounted

Light output ratio 0.68
Service upward 0.00
Service downward 0.68

CIE flux code 74 98 100 100 68

SHR NOM (square) 1.25
SHR MAX (square) 1.35
SHR MAX (continuous) 1.51
UGR_{ren} (4Hx8H, 0.25H) 16
EN12464-1 65 deg, 1000 cd/m²
CIBSE: L63 65 deg, 1000 cd/m²

Product Codes		Dim	Mass
Code	Version	(mm)	(kg)
Semi Spec Electronic			
SMTL218EL/S	2 x 18W T8	625 x 305 x 93	5.2
SMTL236EL/S	2 x 36W T8	1235 x 305 x 93	6.2
Body only			
SMTL218QSBOD	2 x 18W T8	625 x 305 x 93	4.5
SMTL236QSBOD	2 x 36W T8	1235 x 305 x 93	5.0
Accessories			
Lay-in Diffusers			
98047000	Y12 prismatic diffuser to suit 18W		
98047600	Y19 prismatic diffuser to suit 18W		
99003988	Y19 silver tint prismatic diffuser to suit 18W		
99003990	Opal diffuser to suit 18W		
98047100	Y12 prismatic diffuser to suit 36W		
99003424	Y19 prismatic diffuser to suit 36W		
99003989X	Y19 silver tint prismatic diffuser to suit 36W		
99003329	Opal diffuser to suit 36W RODSUSP600UN		
Rod suspension kit to suit all SMTL models			



98

Commercial



Unilux Surface Mount Prismatic

An energy efficient T8/T5 surface mount troffer module with an acrylic lens.



Features

- Quality light output with maximum glare control with a LOR of 77%
- 6mm mounting holes punched in back of body with knockout provision for 20mm diameter rod suspension or wire suspension. (Wire suspension for twin or triple lamp versions only)
- Round 25mm knockout cable entry in centre rear of the body
- Single piece, non-discolouring, high impact, injection moulded acrylic diffuser (except 18W versions)
- Diffuser retained by robust white polycarbonate latches along one side and clear polycarbonate hinges on the opposite
- A choice of energy efficient T8 or T5 lamp circuits
- Closed cell PE gasket seals diffuser to body reducing entry of foreign matter
- Lamps excluded to allow choice of colours at time of ordering

Applications

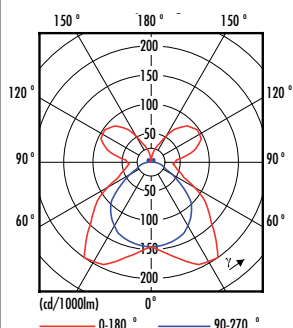
Schools, TAFE, universities, libraries, retail stores, hospitals, general office areas, utility rooms, display showrooms and drawing offices.



Technical

EP136 - 1 x 36W

Polar intensity diagram



Utilisation factor table

Reflectances			Room Index								
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	40	46	51	55	60	63	65	69	71
0.70	0.30	0.20	35	41	46	50	55	59	62	65	68
0.70	0.10	0.20	31	37	42	46	51	55	58	63	65
0.50	0.50	0.20	37	42	46	49	54	56	58	61	63
0.50	0.30	0.20	32	37	42	45	50	53	56	59	61
0.50	0.10	0.20	29	34	39	42	47	50	53	56	59
0.30	0.50	0.20	33	38	42	44	48	50	52	54	56
0.30	0.30	0.20	30	34	38	41	45	48	50	52	54
0.30	0.10	0.20	27	32	36	39	43	46	48	51	53
0.00	0.00	0.00	23	27	30	33	36	38	40	42	44

Ceiling mounted

Light output ratio 0.77
Service upward 0.25
Service downward 0.52

CIE flux code 48 77 91 68 77

SHR NOM (square) 1.50
SHR MAX (square) 1.55
SHR MAX (continuous) 2.04
UGRcen (4Hx8H, 0.25H) 16
CIBSE: LG3 65 deg, 1500 cd/m²

Product Codes		Dim	Mass
Code	Version	(mm)	(kg)
EP118H	1 x 18W T8 LL	660 x 138 x 122	2.9
EP218H	2 x 18W T8 LL	660 x 276 x 100	3.9
EP318H	3 x 18W T8 LL	660 x 276 x 100	4.8
EP136H	1 x 36W T8 LL	1265 x 138 x 122	5.1
EP236H	2 x 36W T8 LL	1265 x 276 x 100	7.1
EP336H	3 x 36W T8 LL	1265 x 276 x 100	8.7
EP158H	1 x 58W T8 LL	1565 x 138 x 122	6.4
EP258H	2 x 58W T8 LL	1565 x 276 x 100	10.1
T5 Version			
EP114	1 x 14W T5	660 x 138 x 122	2.5
EP214	2 x 14W T5	660 x 276 x 100	3.4
EP128	1 x 28W T5	1265 x 138 x 122	4.7
EP228	2 x 28W T5	1265 x 276 x 100	6.7



Unilux Surface Mount SRS

The Unilux SRS consists of a one piece injection moulded true prismatic acrylic lens and high performance SRS reflector to provide maximum distribution of light.



Features

- Suitable for surface mount or suspended
- Quality light output with maximum glare control with a LOR of 83%
- Body manufactured in phosphated steel with durable white powder coat finish and PC end caps
- 6mm mounting holes punched in back of body with knock out provision for 20mm diameter rod suspension or wire suspension. (Wire suspension for twin or triple lamp versions only)
- Round 25mm knockout cable entry in centre rear of the body
- Control equipment is 50 000 hr electronic
- Electrical components are accessible only with the use of tools
- Single piece, non-discolouring, high impact, injection moulded acrylic diffuser (except 18W versions)
- T8 and T5 lamps excluded to allow for choice of colours at time of ordering

Applications

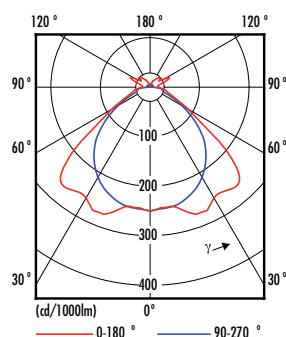
Schools, TAFE's, universities, hospitals, retail stores, and general commercial interiors



Technical

EP136 - 1 x 36W SRS

Polar intensity diagram



Utilisation factor table

Reflectances			Room Index								
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	50	57	63	67	72	75	78	81	83
0.70	0.30	0.20	44	51	57	61	67	71	74	78	81
0.70	0.10	0.20	40	47	53	57	63	68	71	75	78
0.50	0.50	0.20	48	54	60	63	68	71	74	77	78
0.50	0.30	0.20	43	49	55	59	64	68	70	74	76
0.50	0.10	0.20	39	45	51	55	61	65	68	72	74
0.30	0.50	0.20	46	52	57	60	65	67	70	72	74
0.30	0.30	0.20	41	48	53	57	61	65	67	70	72
0.30	0.10	0.20	38	44	50	54	59	62	65	68	71
0.00	0.00	0.00	36	41	46	50	55	58	60	63	65

Ceiling mounted

Light output ratio 0.83
Service upward 0.08
Service downward 0.75

CIE flux code 51 84 95 90 83

SHR NOM (square) 1.50
SHR MAX (square) 1.60
SHR MAX (continuous) 2.06
UGRcen (4Hx8H, 0.25H) 16
CIBSE: LG3 65 deg, 1500 cd/m2

Product Codes		Dim	Mass
Code	Version	(mm)	(kg)
EP118ELSRS	1 x 18W T8	660 x 138 x 122	2.9
EP218ELSRS	2 x 18W T8	660 x 276 x 100	3.9
EP318ELSRS	3 x 18W T8	660 x 276 x 100	4.8
EP136ELSRS	1 x 36W T8	1265 x 138 x 122	5.1
EP236ELSRS	2 x 36W T8	1265 x 276 x 100	7.1
EP336ELSRS	3 x 36W T8	1265 x 276 x 100	8.7
EP158ELSRS	1 x 58W T8	1565 x 138 x 122	6.4
EP258ELSRS	2 x 58W T8	1565 x 276 x 100	10.1
T5 Version			
EP114SRS	1 x 14W T5	660 x 138 x 122	2.7
EP214SRS	2 x 14W T5	660 x 276 x 100	3.7
EP128SRS	1 x 28W T5	1265 x 138 x 122	4.9
EP228SRS	2 x 28W T5	1265 x 276 x 100	6.9



100 Commercial



PIERLITE
professional lighting solutions

Unilux Profile Surface Mount

Low profile, surface mounted T8 troffer module.

Features

- Body manufactured in steel with durable white powder coat finish
- Body is fixed to the ceiling by hidden screw fixings through back of body
- Electrical components located under side mounted metal gear cover for electrical safety
- Single piece, non-discolouring, high impact, injection moulded acrylic diffuser (except 18W versions)
- Diffuser is held by internal tensile steel spring easy to remove for re-lamping

- Body and diffuser fit closely together and have no horizontal surfaces, thereby preventing the ingress of dust and dirt
- Lamps excluded to allow for a choice of colours at time of ordering
- Electronic control gear 50 000hr

Applications

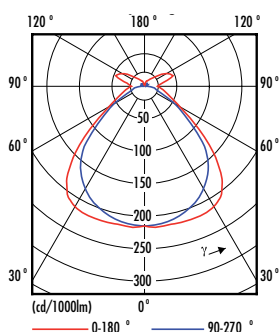
Food preparation areas, schools, TAFE, universities, libraries, retail stores, hospitals, general office areas and utility rooms.



Technical

SEP236 - 2 x 36W

Polar intensity diagram



Utilisation factor table

Reflectances			Room Index								
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	37	44	48	51	55	58	60	63	65
0.70	0.30	0.20	33	39	44	47	52	55	57	60	62
0.70	0.10	0.20	29	36	40	44	49	52	55	58	61
0.50	0.50	0.20	36	41	45	48	52	55	56	59	60
0.50	0.30	0.20	32	38	42	45	49	52	54	57	59
0.50	0.10	0.20	29	35	39	42	47	50	52	55	57
0.30	0.50	0.20	34	39	43	45	49	51	53	55	56
0.30	0.30	0.20	30	36	40	43	46	49	51	53	55
0.30	0.10	0.20	28	33	37	40	44	47	49	52	54
0.00	0.00	0.00	26	31	35	37	41	43	45	47	49

Ceiling mounted

Light output ratio 0.65
Service upward 0.09
Service downward 0.56

CIE flux code 55 84 95 86 65

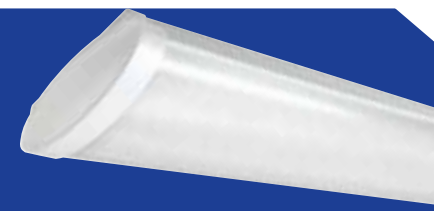
SHR NOM (square) 1.25
SHR MAX (square) 1.46
SHR MAX (continuous) 1.77
UGRcen (4Hx8H, 0.25H) 18

Product Codes		Dim	Mass
Code	Version	(mm)	(kg)
SEP218EL	2 x 18W T8 EL	615 x 277 x 100	3.0
SEP236EL	2 x 36W T8 EL	1265 x 277 x 100	6.2
SEP336EL	3 x 36W T8 EL	1265 x 277 x 100	6.4
SEP258EL	2 x 58W T8 EL	1265 x 277 x 100	9.4



Iris

A versatile luminaire system that can be installed as an individual unit or specially inter-linked to create a continuous line of illumination.



Features

- Powder coated white metal back-plate/gear tray for a quality exterior appearance and high light output
- Injection moulded end cap and mid cap in high impact acrylic
- An oval shaped refractor lens, in frosted high impact acrylic
- The refractor lens offers high light output - direct/indirect distribution
- Lens offers easy, snap-in mounting, no tool access without the need for end and/or mid cap removal

- T5 and T8 tube options with no change to Iris length
- Individual or 'In line' (to a maximum load of 16 amp)
- Suitable for surface mount or wire/rod suspension
- Optional motion or IR sensor capabilities

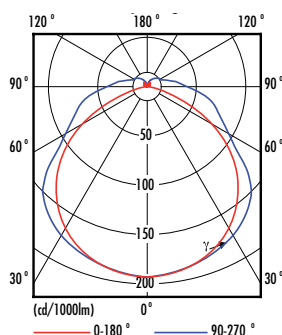
Applications

Schools, TAFE's, universities, libraries, retail stores, hospitals, general office areas, utility rooms, display showrooms and drawing offices.

Technical

IR236 4E - 2 x T8 36W

Polar intensity diagram



Utilisation factor table

Reflectances			Room Index									
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	37	42	47	50	55	58	60	63	65	
0.70	0.30	0.20	32	37	42	46	51	54	57	60	63	
0.70	0.10	0.20	28	33	38	42	47	51	54	58	60	
0.50	0.50	0.20	35	40	45	48	52	55	57	59	61	
0.50	0.30	0.20	31	36	40	44	48	51	54	57	59	
0.50	0.10	0.20	28	33	37	41	45	49	51	55	57	
0.30	0.50	0.20	34	38	42	45	49	51	53	56	57	
0.30	0.30	0.20	30	35	39	42	46	49	51	54	56	
0.30	0.10	0.20	27	32	36	39	44	47	49	52	54	
0.00	0.00	0.00	25	29	33	36	40	43	45	48	50	

Ceiling mounted

Light output ratio 0.66
Service upward 0.07
Service downward 0.59

CIE flux code 45 76 92 90 66

SHR NOM (square) 1.50
SHR MAX (square) 1.50
SHR MAX (continuous) 1.77
UGRcen (4Hx8H, 0.25H) 24

Product Codes		Dim	Mass
Code	Version	(mm)	(kg)
T5 - Individual			
IR/2144	2 x 14WT5	683 x 208 x 77	2.0
IR/2284	2 x 28WT5	1293 x 208 x 77	3.4
IR/2544	2 x 54WT5	1293 x 208 x 77	3.4
T5 - Feed			
IRF2144	2 x 14 T5	683 x 208 x 77	2.0
IRF2284	2 x 28 T5	1293 x 208 x 77	3.4
IRF2544	2 x 54 T5	1293 x 208 x 77	3.4
T5 - Mid (c/w 2 x mid caps & 2 x connection sets)			
IRM2144	2 x 14WT5	683 x 208 x 77	2.0
IRM2284	2 x 28WT5	1293 x 208 x 77	3.4
IRM2544	2 x 54WT5	1293 x 208 x 77	3.4
T5 - End (c/w 1 x end cap, 1 x mid cap & 1 x connection set)			
IRE2144	2 x 14WT5	683 x 208 x 77	2.0
IRE2284	2 x 28WT5	1293 x 208 x 77	3.4
IRE2544	2 x 54WT5	1293 x 208 x 77	3.4
T8 - Individual Electronic			
IR/2184E	2 x 18WT8	683 x 208 x 77	2.0
IR/2364E	2 x 36WT8	1293 x 208 x 77	3.4
T8 - Feed Electronic			
IRF2184E	2 x 18WT8	683 x 208 x 77	2.0
IRF2364E	2 x 36WT8	1293 x 208 x 77	3.4
T8 - Mid Electronic (c/w 2 x mid caps & 2 x connection sets)			
IRM2184E	2 x 18WT8	683 x 208 x 77	2.0
IRM2364E	2 x 36WT8	1293 x 208 x 77	3.4
T8 - End Electronic (c/w 1 x end cap, 1 x mid cap & 1 x connection set)			
IRE2184E	2 x 18WT8	683 x 208 x 77	2.0
IRE2364E	2 x 36WT8	1293 x 208 x 77	3.4
Accessories			
WIRESUSP/IR-001 4000mm Wire suspension kit, required per fitting			
WIRESUSP/IR-002 1500mm Wire suspension kit, required per fitting			

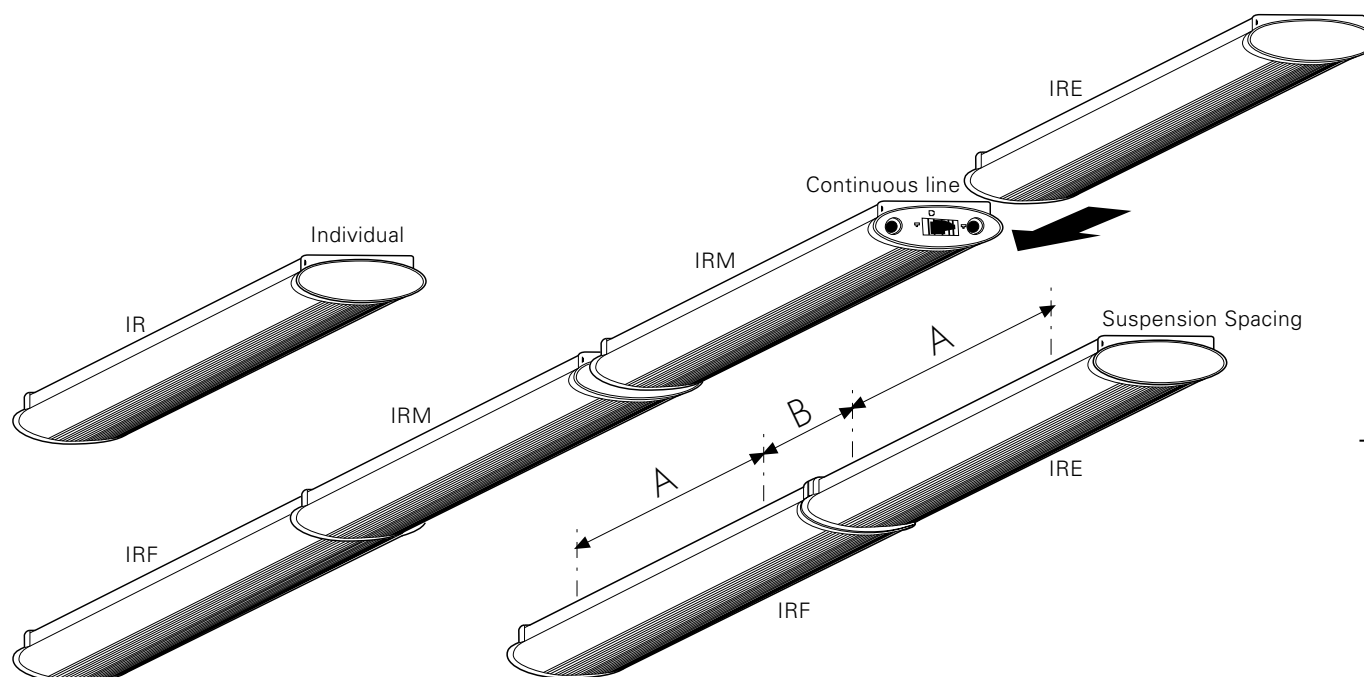
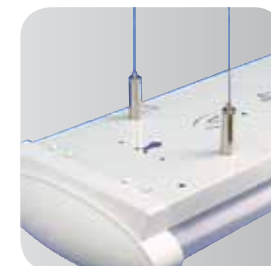
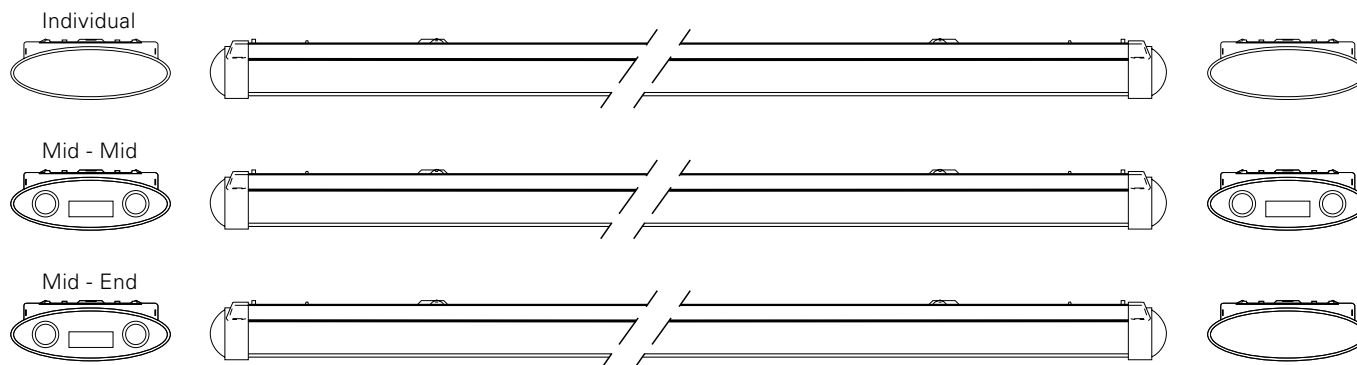
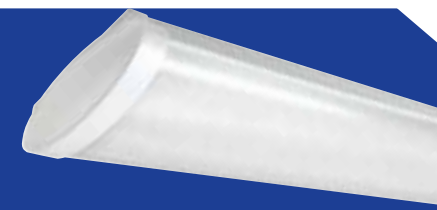


102 Commercial



Iris

A versatile luminaire system that can be installed as an individual unit or specially inter-linked to create a continuous line of illumination.



T8	A(mm)	B(mm)	Max per row
18W	400	190	16A
36W	1000	260	16A
58W	1000	560	16A

