

Emergency lighting, safety lighting, testing systems & lighting management

Emergency exit signs

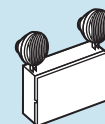


P. 330
Slide
Connect G2

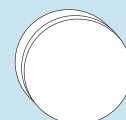


P. 336
LED
weatherproof

Emergency lighting luminaires



P. 338
IP20 and
IP55 twin
floodlights



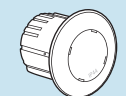
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Oyster
fittings

Emergency testing systems



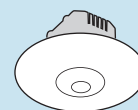
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AXIOM wireless
area controller
testing system

Safety lighting



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Lipso safety
lighting pilots

Lighting management



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Switch
sensors



**ER Emergency
exit signs
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**Oyster fittings
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P. 332
ER emergency
exit signs



P. 334
LED
edgelight

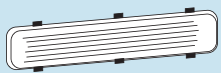


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LARGE
exit signs

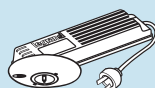
NEW



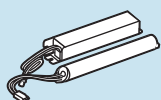
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Battens



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Weatherproof
battens



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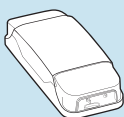
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SCS
Sensors



P. 365
SCS Room
Controllers



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Zigbee Wireless
Controllers



**Axiom area
controller
(P. 356)**



**Lipso pilots
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Emergency lighting solutions for all applications

THEY HAVE SPECIFIED AND INSTALLED LEGRAND PRODUCTS:

Westfield: Albany | NSW

Canterbury University : | NZ

Sydney Airport: Mascot | NSW

Toyota Complex: Cronulla | NSW

Darwin Convention Centre: Darwin | NT

Royal Women's Hospital: Melbourne | VIC

► AXIOM CENTRAL CONTROL PANEL

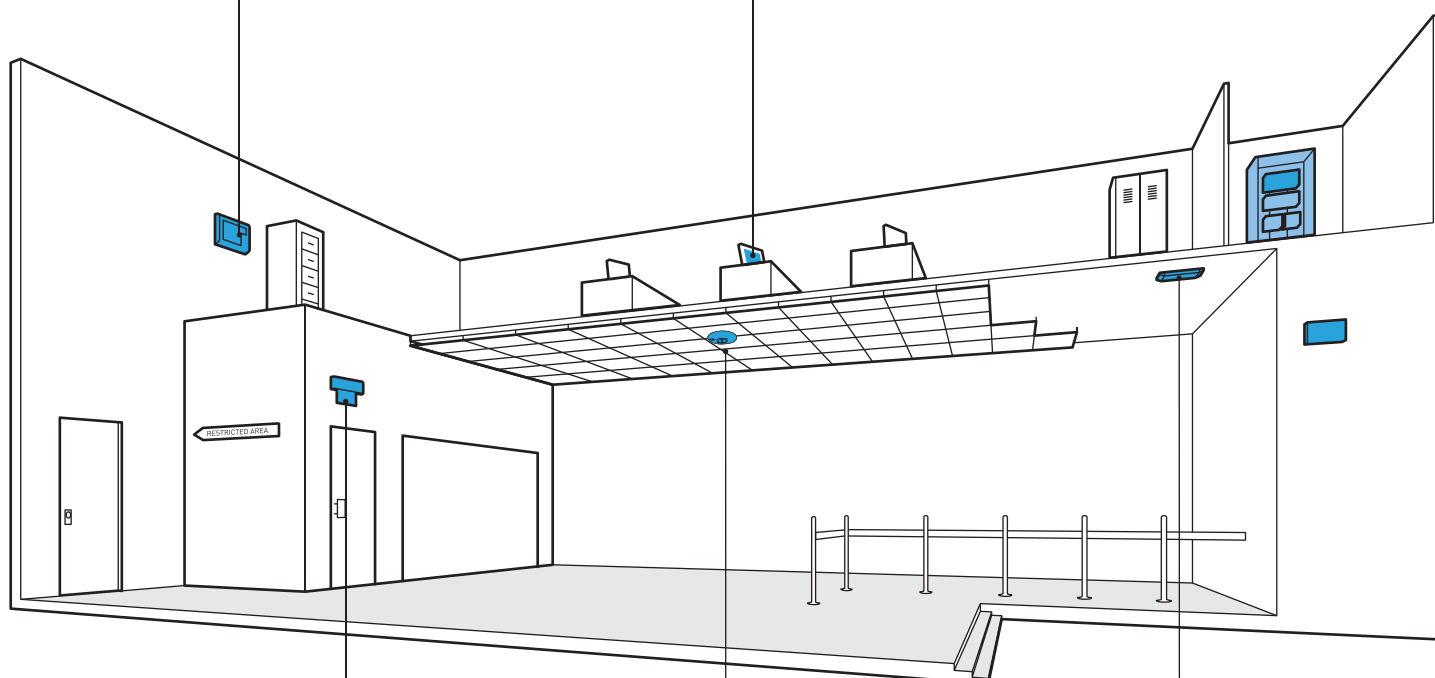


(See p. 356)
To manage information
on Axiom emergency
lighting units

► MONITORING



SOFTWARE
(See p. 356)
For supervision
of your installation



► EMERGENCY EXIT SIGNS



(See p. 330)
Energy saving
exit signs

► POWER PACKS



(See p. 352)
Compatible with
magnetic and
most electronic
ballasts

► SATELLITE



(See p. 346)
Providing lighting
when power is cut.

LED Slide Connect G2

Single LED light source / Exit signs



6862 00

Slide Connect G2



Unique single LED Maintained Exit sign (Patent Pending)
Super Long-Life LED replaceable light source.
Universal design for 'One Box Solution'
Clamshell construction using composite PC/ABS blend materials for increased robustness.

Retrofits to previous generation Minitronics Slide Connect bracket.
Large terminal block for ease of connection.
Switched-Mode Power Supply (SMPS) and Pulse Width Modulation (PWM) driver for extremely low energy consumption.
LED Slide Connect series can be wall, ceiling or cantilever mounted.

Slide Connect G2 – Diffuser Sheets

The high efficiency diffuser sheets are designed for long life, optimum colour, uniformity and excellent light transmission.

Pack	Cat No.	SPU
		Premium
1	6862 00	Standard NiCd two rate charge (Rate 150mA high - 40mA Low) White body c/w Running Man sheets (set of 4)
1	6862 01	White body c/w EXIT sheets, Peel-Off-Arrow (set of 3)
1	6862 08	Silver body c/w Running Man sheets (set of 4)
1	6862 09	Silver body c/w EXIT sheets, Peel-Off-Arrow (set of 3)
1	6862 06	Black body less diffuser sheets (no downward lens)

		Computer Monitored SPU's
		AXIOM Wireless
1	6862 03	NiCd two rate charge (Rate 150mA high - 40mA Low) White body c/w Running Man sheets (set of 4)
1	6862 04	White body c/w EXIT sheets, Peel-Off-Arrow (set of 3)
1	6862 11	Silver body c/w Running Man sheets (set of 4)
1	6862 12	Silver body c/w EXIT sheets, Peel-Off-Arrow (set of 3)
1	6862 07	Black body less diffuser sheets (no downward lens)

		COMMANDER Wired
		NiCd two rate charge (Rate 150mA high - 40mA Low)
1	6862 03	White body c/w Running Man sheets (set of 4)
1	6862 04	White body c/w EXIT sheets, Peel-Off-Arrow (set of 3)
1	6862 11	Silver body c/w Running Man sheets (set of 4)
1	6862 12	Silver body c/w EXIT sheets, Peel-Off-Arrow (set of 3)
1	6862 07	Black body less diffuser sheets (no downward lens)

Pack	Cat No.	Diffusers Sheets
1	6862 17	Running Man Straight ahead
1	6862 18	Running Man Left
1	6862 19	Running Man Right
1	6862 21	Running Man set (set 4)
1	6862 20	Running Man straight ahead, Green-On-Black
1	6862 32	Running Man Left, Green-on-Black
1	6862 33	Running Man Right, Green-on-Black
1	6862 22	'EXIT' Peel-Off-Arrows
1	6862 27	'EXIT' Peel-Off-Arrows, Green-On-Black
1	6862 29	Blank Opal (Translucent)
1	6862 28	Opaque (No light transmitted)
1	6862 30	Custom Printing (POA)

		Accessories
1	6862 14	2x2 Sub "C" replacement batteries
1	6862 15	Cantilever Bracket, White
1	6862 16	Wire Suspension Kit, Silver Pair of 2
1	6862 31	Mounting Bracket
1	6862 35	Wireguard - wall 400 x 250 x 100mm
1	6862 36	240Va.c. Slide Connect body only
1	6862 37	Wireguard - ceiling 400 x 220 x 230mm
1	6862 38	LED Assembly
1	2010 58	Commander Comms Cable

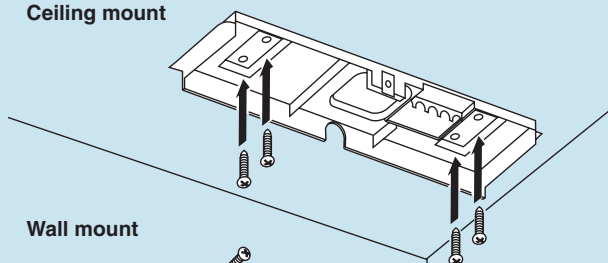
NOTE: When an Axiom fitting is used on a Commander network, a communications cable Cat No 2010 58 must be used and ordered separately.

LED Slide Connect G2

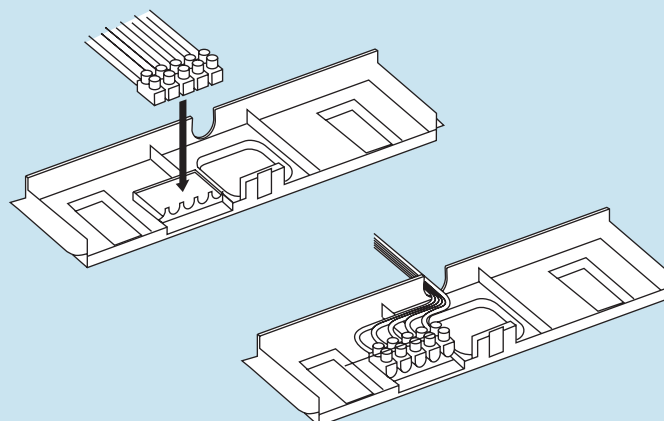
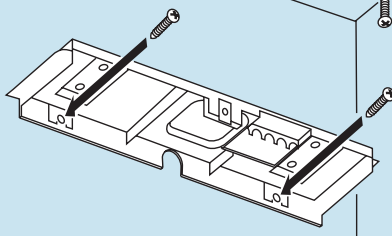
Single LED light source / Exit signs

Product Installation

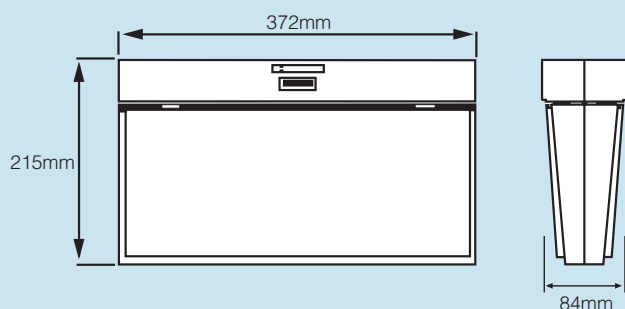
Ceiling mount



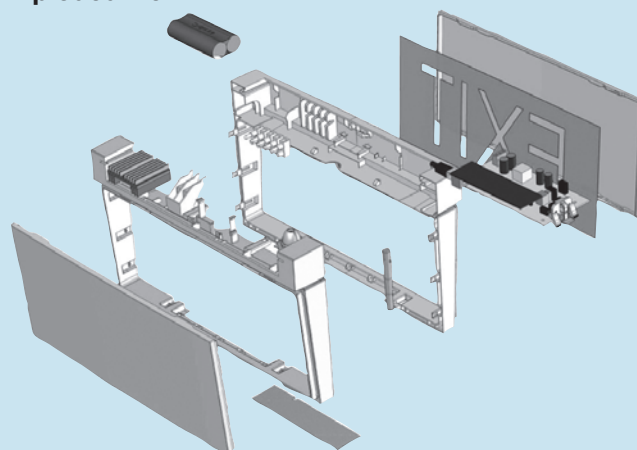
Wall mount



Dimensions



Exploded view



LED Slide Connect™ G2 – Technical Specifications

	Premium / Axiom
Operation Mode	Maintained/Non-Maintained
Lamp	1x1W HBLED
Battery	NiCd 4xSub-C 4.8Vdc 1.5Ah
Battery Charging Circuit	Two rate charge
Charging Current	150mA to 40mA
Power Consumption	4.1W
Construction	Injection moulded high resistant fire retardant ABS Polycarbonate
Diffusers	Screen printed translucent polycarbonate sheet
Operating Voltage	240Vac 50Hz
Operating Temperature	10°C to 40°C

Emergency Lighting Classification

Catalogue No.	Ceiling Mount		Wall Mount	
	C ₀	C ₉₀	C ₀	C ₉₀
6862 00	D3.2	A5	D3.2	A5
6862 01	D3.2	A5	D3.2	A5
6862 03	D3.2	A5	D3.2	A5
6862 04	D3.2	A5	D3.2	A5
6862 08	D3.2	A5	D3.2	A5
6862 09	D3.2	A5	D3.2	A5
6862 11	D3.2	A5	D3.2	A5
6862 12	D3.2	A5	D3.2	A5

Emergency Lighting Spacing Table

Classification	Mounting height (Metres)									
	2.1	2.4	2.7	3	3.3	3.6	4	4.5	5	
A5	4.2	4.4	4.6	4.8	4.9	5.0	4.9	4.7	3.8	
D3.2	6.5	6.6	6.6	6.5	6.4	6.2	5.8	5.1	4.1	

** 2 metres or less mounting heights are considered impractical, and are not included in the table. Maximum spacings for mounting heights between the values given in the table may be obtained by interpolation.

* Specifications subject to change without prior notice.

ER emergency exit sign range
10W - 26mm lamps / exit signs



6844 57

ER emergency exit signs provide a cost efficient solution for all emergency exit sign applications. The robust design simplifies the installation of new fittings as well as the upgrade of existing fittings.



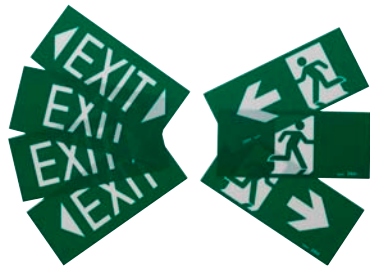
6844 59

Maintained and Non-maintained modes of operation on single tube or sustained mode of operation on double tube fitting
Both the wall mount (single sided) and ceiling mount (double sided) diffusers include all directional pictogram legends
Available in all-in-one box solution

Pack	Cat No.	Single point units (SPU's)
		Standard
1	6844 50	1 x 10W Maintained/Non-Maintained
1	6844 51	2 x 10W Sustained
		All-in-one box solutions
1	6844 57	1 x 10W + wall-mount diffuser + 3RM + 4 EXIT Sheets
1	6844 59	1 x 10W + ceiling-mount diffuser + 3RM + 4 EXIT Sheets
		Computer Monitored (SPU's)
		Axiom Wireless/Commander Wired
1	6844 55	1 x 10W Body Only
		Diffuser
1	6844 52	Single sided diffuser + RM, RML, RMR+ 4 EXIT Sheets
1	6844 53	Double sided diffuser + RM, RML, RMR+ 4 EXIT Sheets

Pack	Cat No.	Diffuser Sheets
1	6862 17	Running Man straight ahead G2RM
1	6862 18	Running Man Left G2RML
1	6862 19	Running Man Right G2RMR
1	6862 21	Running Man set (set 4) G2RM4
1	6862 20	Running Man straight ahead, Green-On-Black G2RMGB
1	6862 32	Running Man Left, Green-on-Black G2RMGBL
1	6862 33	Running Man Right, Green-on-Black G2RMGBR
1	6862 22	'EXIT' Peel-Off-Arrows G2POA
1	6862 27	'EXIT' Peel-Off-Arrows, Green-On-Black G2POAGB
1	6862 29	Blank Opal (Translucent) G2BLANKOPAL
1	6862 28	Opaque (No light transmitted) G2OPAQUE
1	6862 30	Custom Printing (POA) G2CUSTOM
		Accessories
1	6862 14	2x2 Sub "C" replacement batteries BP45CW
1	6862 16	Wire Suspension Kit, Silver 2 x 6m G2SUSPN
1	6862 35	Wireguard - wall 400 x 250 x 100mm G2WGSS
1	6862 36	Wireguard - ceiling 400 x 220 x 230mm G2WGDS
1	2019 58	Commander Comms Cable CABLE-TELE

NOTE: When an Axiom fitting is used on a Commander network, a communications cable Cat No 2010 58 must be used and ordered separately.



Diffuser Sheets included on ALL-IN-ONE solutions

ER emergency exit sign range

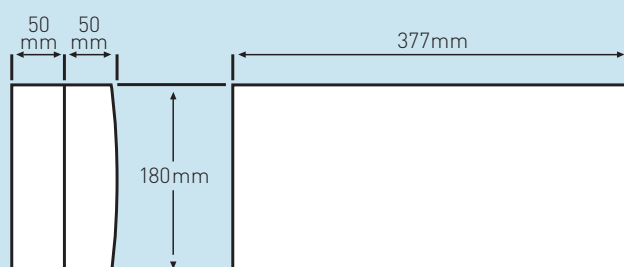
10W - T8 lamps / exit signs technical specifications

Technical Specifications

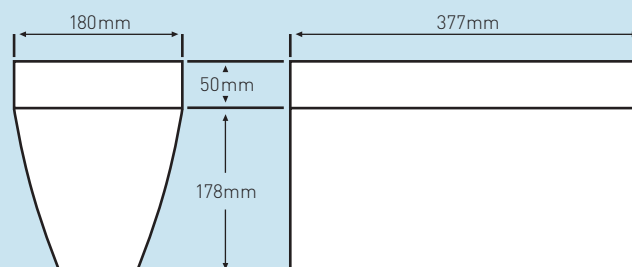
Cat No	SPU (684450)	Axiom (684455)
Operation Mode	Maintained/non-maintained	
Lamp	1x10W T8	
Battery	NiCd 4xSubC 4.8Vd.c. 1.5Ah	
Battery Charging Mechanism	Variable rate charge	Two rate charge
Charging Current	170mA - 90mA	150mA (hrc) - 40mA (Lre)
Operating Voltage	240Va.c. 50Hz	
Operating temperature	10°C to 40°C	
IP rating	IP20	
Body constructions	Injection moulded high resistance fire retardant PC	
Diffuser	Injected moulded opalescent acrylic	
Replacement battery	Cat No 686214	

Dimensions

Single sided (Wall Mount)



Double sided (Wall Mount)



Emergency Lighting Classification

Body Cat No	Description	Diffuser Cat No	Diffuser Type	Photometric C ₀ /C ₉₀ Double Sided
684450	1x10W Maintained/Non-Maintained body	684452	Wall Mount	*
684450	1x10W Maintained/Non-Maintained body	684453	Ceiling Mount	E1.25/E1.0
684451	2x10W Sustained body	684452	Wall Mount	*
684451	2x10W Sustained body	684453	Ceiling Mount	E1.25/E1.0

* These signs are yet to be classified

Emergency Lighting Spacing Table

Classification \ Metres	2.1	2.4	2.7	3.0	3.3	3.6	4.0	4.5	5.0
E1.0	3.8	3.6	3.2	3.6					
E1.25	4.2	4.2	4.0	3.6	4.0	3.0			
E2.5	5.6	5.8	5.8	6.0	5.8	5.8	5.2	5.2	4.6
E3.2	6.0	6.2	6.4	6.6	6.6	6.6	6.6	5.8	5.8

** 2 metres or less mounting heights are considered impractical, and are not included in the table. Maximum spacings for mounting heights between the values given in the table may be obtained by interpolation.

Edgelight

Recessed / Exit signs



6844 20 + 6844 00



LED Edgelight series - 4x1w LED

The housing is made of zinc-coated steel finished in white acrylic baked enamel, fronted by a die formed faceplate.
The body is supplied complete with recess mounting brackets.
This Edgelight series offers long lasting performance with the traditional clean lines preferred by many designers.
Large terminal block for ease of connection.
Body and Diffuser supplied separately.
Can be configured as maintained or non maintained.
Diffusers are suitable for SPU and computerised fittings.

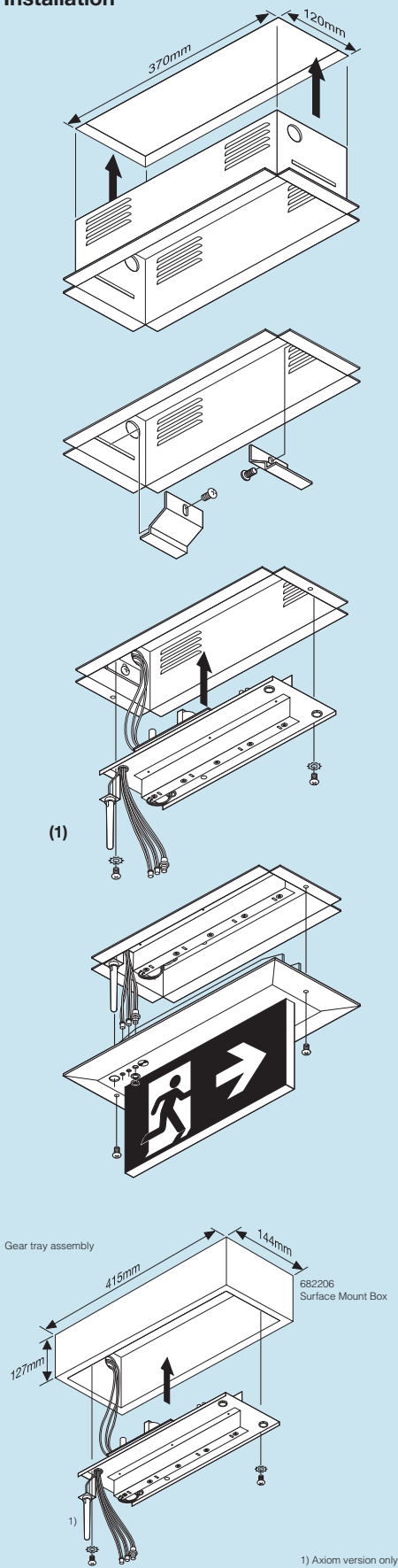
Pack	Cat No.	SPU's
1	6844 20	Premium NiCd two rate charge LED 4x1w Body Only
		Single-sided diffusers
		Painted Steel Frame, Laminated Acrylic Panel. complete with legend, additional LED & Aerial holes. Suitable for both SPU's and computer monitored fittings
1	6844 00	Running Man Straight
1	6844 01	Running Man Left
1	6844 02	Running Man Right
1	6844 03	Running Man Straight (GOB)
1	6844 04	'EXIT'
1	6844 05	'EXIT' Arrow Left
1	6844 06	'EXIT' Arrow Right
1	6844 07	'EXIT' Arrows Both Ways
		Double-sided diffusers
		Complete with legend, additional LED & Aerial holes. Suitable for both SPU's and computer monitored fittings
1	6844 08	Running Man Straight
1	6844 09	Running Man Left/Right
1	6844 10	'EXIT'
1	6844 11	'EXIT' Arrow One Way
1	6844 12	'EXIT' Arrows Both Ways

Pack	Cat No.	Computer monitored SPU's
1	6844 22	AXIOM Wireless/Commander Wired LED 4 x 1w Body Only
		Accessories
1	6822 06	Surface mount box only
1	6844 21	LED Gear tray only
1	6844 23	LED Axiom gear tray only
1	6846 89	Battery Pack 2 x 2 Sub-C NICD with mounting Plate
1	2010 58	Commander Comm Cable

NOTE: When an Axiom fitting is used on a Commander network, a communications cable Cat No 2010 58 must be used and ordered separately.

Edgelight
LED recessed / exit signs technical specifications

Product Installation



(1) Only on Axiom fittings

LED Edgelight – Technical specifications

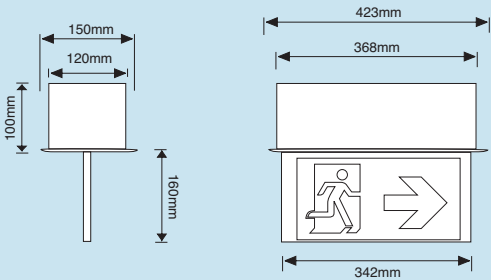
	Premium/Axiom
Operation Mode	Maintained / Non-Maintained
Lamp	4x1W HBLED
Battery	Ni-Cd 4xSub-C 4.8Vdc 1.5Ah
Battery Charging Circuit	Two rate charge
Charging Current	150mA - 40mA
Power Consumption	4.5W
Construction	Powder coated zinc-coated steel
Diffusers	Inner: Clear acrylic Outer: Medium density opal acylic
Operating Voltage:	240Va.c. 50Hz
Operating Temperature	10°C to 40°C

Emergency Lighting Classification

Body Cat No	Diffuser fitted Single or double sided	Photometric C ₀ /C ₉₀ Report
684420	S	C8 E20
684420	D	C8 E20
684422	S	C8 E20
684422	D	C8 E20

Emergency Lighting Spacing Table

Mounting Height (metres)									
	2.1	2.4	2.7	3	3.3	3.6	4	4.5	5
C8	6.8	7.2	7.4	7.7	7.9	8.0	8.2	8.3	8.2
E20	8.8	9.6	10.4	11.0	11.6	12.2	13.0	13.6	14.4



Weatherproof signs
LED signs - IP65 / exit signs



6846 50



Weatherproof Exit signs – 2x1Watt IP65 – 24m

Polycarbonate glass fibre reinforced housing provided with a narrow circular rib accommodating an age and oil resistant soft rubber gasket, ensures a tight fit of the polycarbonate cover.
Supplied with 4 polycarbonate captive slotted head screws.
Removable gear tray for ease of maintenance and installation.
Can be wall mounted.
Super lamp life HBLED (50000 hours)
Dimensions: 390mm(W) x 140mm(H) x 195mm(D)

Pack	Cat No.	SPU's
		Premium
		NiCd two rate charge (High Rate 150mA, Low Rate 50mA)
1	6846 50	Running Man
1	6846 51	Running Man Left
1	6846 52	Running Man Right
1	6846 53	Opal Diffuser
1	6846 59	Running Man - Freezer Room (-25C)
		NEW
1	6846 54	'EXIT'
1	6846 55	'EXIT' Left
1	6846 56	'EXIT' Right
1	6846 57	'EXIT' Left/Right
		Computer monitored SPU's
		AXIOM wireless/Commander Wired
		NiCd two rate charge (High rate 150 mA, Low rate 50-70 mA)
1	6846 60	Running Man
1	6846 61	Running Man Left
1	6846 62	Running Man Right
1	6846 69	Running Man - Freezer Room (-25C)
		NEW
1	6846 64	'EXIT'
1	6846 65	'EXIT' Left
1	6846 66	'EXIT' Right
1	6846 67	'EXIT' Left/Right

Weatherproof signs
LED large signs - IP65 / exit signs



6846 70



Weatherproof Exit signs – 2x1watt IP65 32m

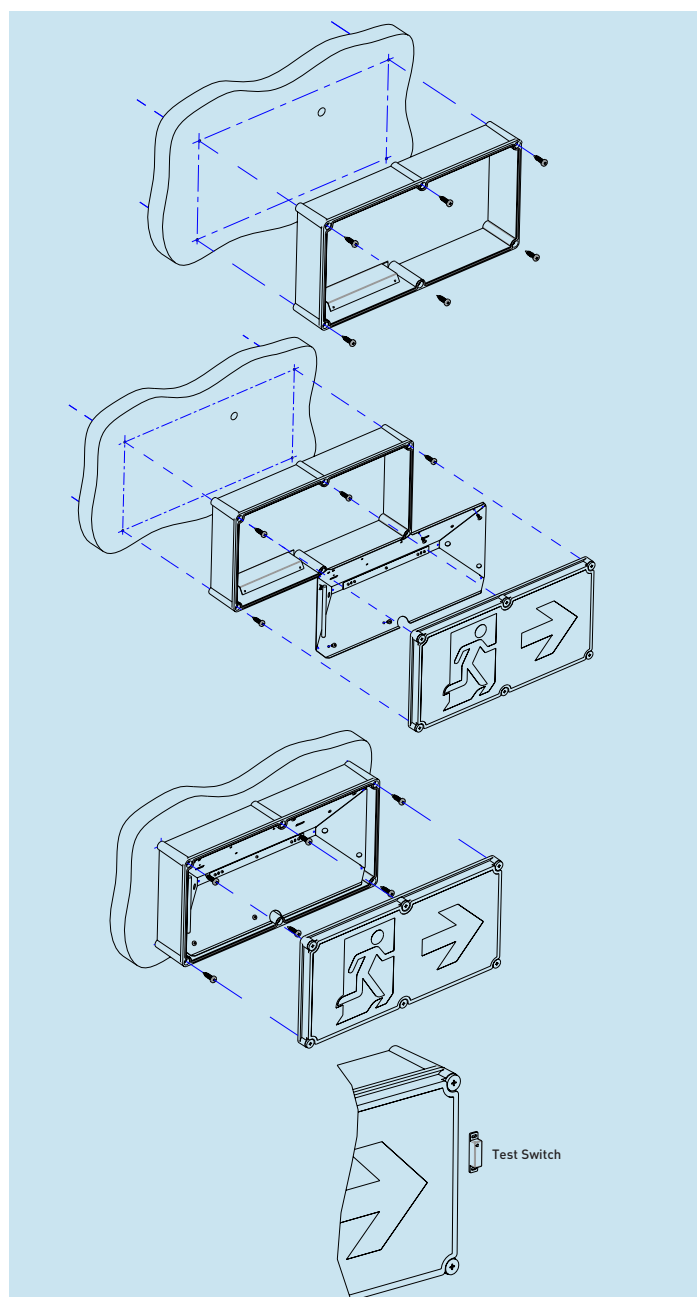
Polycarbonate glass fibre reinforce housing provided with a narrow circular rib accommodating an age and oil resistant soft rubber gasket, ensures a tight fit of the polycarbonate cover.
Supplied with 6 polycarbonate captive slotted head screws.
Removable gear tray for ease of maintenance and installation.
Can be wall mounted.
Super lamp life HBLED (50000 hours)
Dimensions: 565mm(W) x 140mm(H) x 285mm(D)

Pack	Cat No.	SPU's
		Premium
		NiCd two rate charge (High Rate: 400 mA, Low Rate: 70 - 100mA)
1	6846 70	Running Man
1	6846 71	Running Man Left
1	6846 72	Running Man Right
1	6846 74	'EXIT'
1	6846 75	'EXIT' Left
1	6846 76	'EXIT' Right
1	6846 77	'EXIT' Left / Right
		Computer monitored SPU's
		AXIOM wireless/Commander Wired
		NiCd, two rate charge (High rate 400 mA, Low rate 70-100 mA)
1	6846 80	Running Man
1	6846 81	Running Man Left
1	6846 82	Running Man Right
1	6846 84	'EXIT'
1	6846 85	'EXIT' Left
1	6846 86	'EXIT' Right
1	6846 87	'EXIT' Left / Right
		Accessories
1	6846 89	Battery Pack 2x2 SubC w/mounting plate
1	6846 58	WP LED 2x1W Small Gear tray only
1	6846 68	Axiom WP LED 2x1W Small Gear tray only
1	6846 80	WP LED 2x1W Large Gear tray only

NOTE: When an Axiom fitting is used on a Commander network, a communications cable Cat No 2010 58 must be used and ordered separately.

Weatherproof signs

Technical specifications



Technical Specifications

Premium/Axiom/Commander	
Mode of Operation	Maintained/Non-maintained
Light Source	2x1W HB-LED
Battery	NiCd 2x2 Sub-C 1.5Vdc - 1.5Ah
Charging Mechanism	Dual Rate Charge
Charging Current	HCR: 150mA - LRC: 70mA
Operating Voltage	240V a.c. +/- 6% 50Hz
Power Consumption	5.4W
Body Constructions	Glass Reinforced Polyester
Cover	High resistance polycarbonate ABS clear cover
Operating Temperature	10°C to 40°C
IP Rating	IP65
Replacement battery	Cat No 684689

18W large signs

Exit signs



2224 39 + 2040 42

Large signs - 18W

Power-coated body fitted with wide reflector to accommodate moulded single- and double-sided diffusers. Includes Legend.

Viewing distance = 32 metres.

Dimensions:

Wall-mounted S/S 635mm (W) x 235mm (H) x 125mm (D)

Ceiling-mounted D/S 635mm (W) x 195(H) x 280mm(D)

Pack	Cat No.	Single point battens
		Standard
		NiCd variable rate charge (supplied less lamp)
		(Rate 320 – 200 mA)
		2 x 18 Watt – 26mm lamps
1	2224 39	Sustained - Body Only
1	2224 23	1 x 18w - T8 26 mm lamp
		Maintained - Body Only
		Premium
		NiCd two rate charge (supplied less lamp)
		(High: 400mA – Low: 70-100mA)
		2 x 18 Watt – 26mm lamps
1	2224 88	Sustained - Body Only
		Computer monitored single point battens
		NiCd two rate charge (supplied less lamp)
		(High: 400mA – Low: 70-100mA)
		2 x 18 Watt – 26mm lamps
1	2231 43	COMMANDER wired
		Sustained - Body Only (supplied less lamp)
1	6822 43	AXIOM wireless
		Sustained - Body Only (supplied less lamp)

		Diffusers
		To convert batten to exit sign (incl. reflector mounting plate)
		Single-Sided - Wall mounting
1	2040 42	Running Man
1	2040 43	Running Man Right
1	2040 44	Running Man Left
1	2040 41	'EXIT' Peel-Off Arrows
		Double-Sided - Ceiling mounting
		(remove top pins for re-lamping)
1	2040 46	Running Man
1	2040 47	Running Man Right/Left
1	2040 45	'EXIT' Peel-Off Arrows

Twin floodlights

IP20 and IP55 / emergency lights



2225 28



6820 43

Twin head floodlights

Robust design. Ease of maintenance and installation. Suitable for wall mounting application.

Pack	Cat No.	SPU's
1	2225 28	Standard Metal body IP20 Lead Acid variable rate charge (Rate 360 – 250mA) 2 x 12-volt – 10-watt halogen lamp Non-maintained
1	6820 42	GRP body IP55 2 x 12-volt – 10-watt halogen lamp Non-maintained
1	6820 43	GRP body IP20 Lead Acid variable rate charge (Rate 360 – 250mA) 2 x 12-volt – 35-watt halogen lamp Non-maintained

Pack	Cat No.	Computerised SPU's
1	6822 42	AXIOM wireless Lead Acid variable rate charge (Rate 360 – 250mA) GRP body IP55 2 x 12-volt – 10-watt halogen lamp Non-maintained
1	6822 49	GRP body IP20 2 x 12-volt – 35-watt halogen lamp Non-maintained

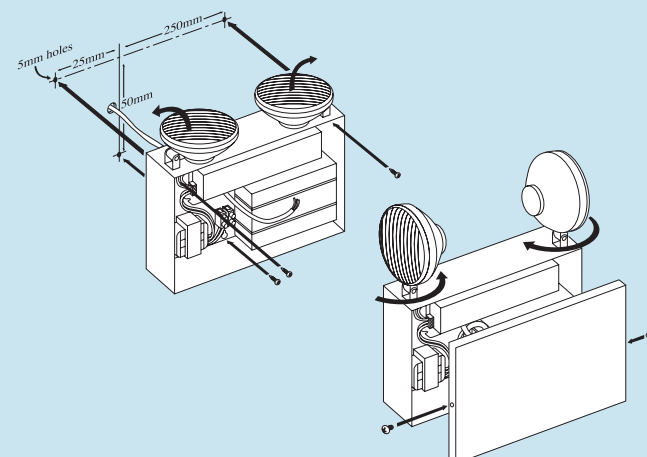
Pack	Cat No.	Accessories
1	6823 55	Floodlight Head 10-watt
1	0002 80	Floodlight Head 35-watt
1	6823 69	Wireguard for 2225 28 (350x450x150mm)
1	2027 53	Battery pack for 2225 28 (Before 11/2011)
1	2232 22	Battery pack for 2225 28 (After 11/2011)
1	2046 07	Battery pack for GRP 10W
1	2043 06	Battery pack for 35W

Twin floodlights

Technical specifications

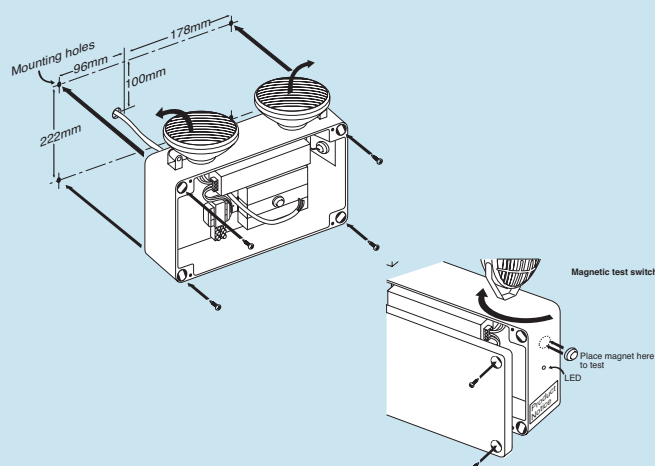
Metal body twin head floodlight

Dimensions:
285mm (W) x 177mm (H) x 75mm (D)



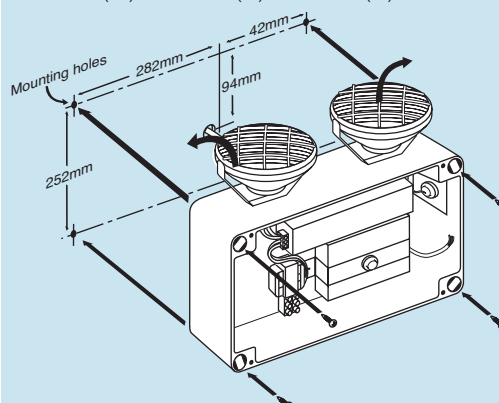
GRP body twin head 10W floodlight

Dimensions:
332mm (W) x 415mm (H) x 132mm (D)



Plastic body twin head 35W floodlight

Dimensions:
382mm (W) x 480mm (H) x 132mm (D)



T8 Metal battens conventional and electronic ballast

Emergency lights



2224 35



2040 14

Bare Battens - Magnetic or electronic ballast

Base constructed in zinc coated steel with die formed channel cover, finished in white powder coat. The batten provides a high level of illumination and is suitable for both ceiling and wall mounting. Large terminal block for ease of connection. SLE units can be wall or ceiling mounted. Magnetic (switch start): B1 ballast helps ensure cool operation and low energy consumption.

Bare Battens - Electronic ballast

Warm start electronic ballast means less weight for installers.

The installed luminaire has a flicker-free start, consumes less energy and enjoys a longer lamp life.

Pack	Cat No.	SPUs	Prod code	Pack	Cat No.	Computer monitored SPU	Prod code
		Standard - T8				Commander wired	
		NiCd variable rate charge (Rate 320 – 200 mA)				NiCd two rate charge (Rate 400 – 70-100 mA)	
		1 x 18 watt				1 x 18 watt	
1	2224 23	Maintained magnetic	SEE118M	1	2231 33	Maintained magnetic	CMLE118M
1	2040 08	Maintained electronic	SEE118EM	1	2231 35	Non-maintained	CMLE118N
1	2224 26	Non-maintained	SEE118N	1	2040 16	Maintained electronic	CMLE118EM
		2 x 18 watt				2 x 18 watt	
1	2224 35	Maintained magnetic	SEE218M	1	2231 41	Maintained magnetic	CMLE218M
1	2040 10	Maintained electronic	SEE218EM	1	2231 43	Sustained magnetic	CMLE218S
1	2224 39	Sustained magnetic	SEE218S	1	2040 18	Maintained electronic	CMLE218EM
1	2040 11	Sustained electronic	SEE218ES	1	2040 19	Sustained electronic	CMLE218ES
		1 x 36 watt				1 x 36 watt	
1	2224 29	Maintained magnetic	SEE136M	1	2231 37	Maintained magnetic	CMLE136M
1	2040 12	Maintained electronic	SEE136EM	1	2231 39	Non-maintained	CMLE136N
1	2224 32	Non-maintained	SEE136N	1	2040 20	Maintained electronic	CMLE136EM
		2 x 36 watt				2 x 36 watt	
1	2224 42	Maintained magnetic	SEE236M	1	2231 45	Maintained magnetic	CMLE236M
1	2040 14	Maintained electronic	SEE236EM	1	2231 47	Sustained magnetic	CMLE236S
1	2224 45	Sustained magnetic	SEE236S	1	2040 22	Maintained electronic	CMLE236EM
1	2040 15	Sustained electronic	SEE236ES	1	2040 23	Sustained electronic	CMLE236ES
		Premium - T8				AXIOM wireless	
		NiCd two rate charge (Rate 400 – 70-100 mA)				NiCd two rate charge (Rate 400 – 70-100 mA)	
		1 x 18 watt				1 X 18 watt	
1	2224 73	Maintained magnetic	SLE118M	1	6822 61	Maintained electronic	AXLE118EM
1	2224 76	Non-maintained	SLE118N	1	6822 62	Non-maintained	AXLE118N
		2 x 18 watt				2 X 18 watt	
1	2224 85	Maintained magnetic	SLE218M	1	6822 65	Maintained electronic	AXLE218EM
1	2224 88	Sustained magnetic	SLE218	1	6822 43	Sustained electronic	AXLE218ES
		1 x 36 watt				1 X 36 watt	
1	2224 79	Maintained magnetic	SLE136M	1	6822 63	Maintained electronic	AXLE136EM
1	2224 82	Non-maintained	SLE136N	1	6822 64	Non-maintained	AXLE136N
		2 x 36 watt				2 X 36 watt	
1	2224 91	Maintained magnetic	SLE236M	1	6822 67	Maintained electronic	AXLE236EM
1	2224 94	Sustained magnetic	SLE236S	1	6822 68	Sustained electronic	AXLE236ES
						Accessories for all battens	
						Wire guard	
				1	2225 80	to suit 1 & 2 x 18 watt	WG218
				1	2267 60	to suit 1 x 36 watt	WG36
				1	2225 81	to suit 2 x 36 watt	WG236
						Prismatic diffuser kit for bare battens	
				1	2220 75	for 1 & 2 x 18 watt	DP218
				1	2220 77	for 1 x 36 watt	DP36
				1	2220 76	for 2 x 36 watt	DP236

Note: Fluorescent lamps sold separately

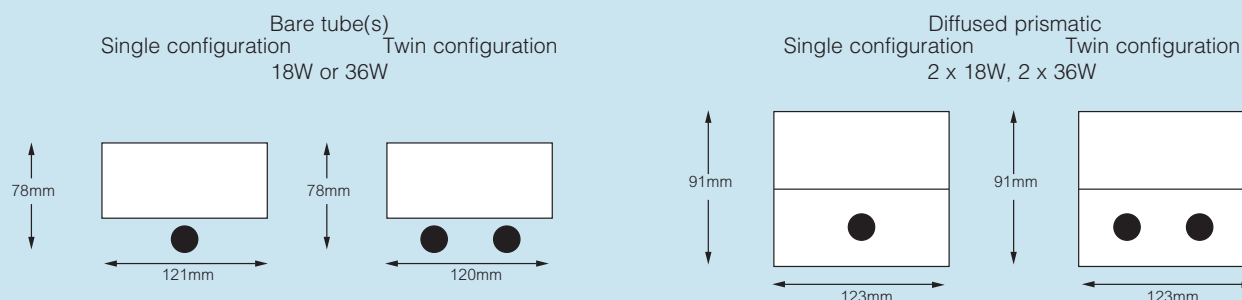
T8 metal battens

Emergency and non-emergency luminaires

Technical Specifications

	Standard range	Premium range	Computer monitored range
Charging Means	Fully automatic regulated constant voltage charger	Two rate charger	
Charging Current	360mA to 250mA variable	350 - 450mA full recharging 70mA trickle charge 80 - 110mA	
Battery	70°C Nickel Cadmium cells. 4 amp hour		
Recharge time	Max 16 hours at discharge 10°C - 40°C.		
Construction	Zinc coated steel finish in white powder coat (bare battens, miniature battens) Polyester reinforced with fibreglass (weatherproof IP65)		
Diffusers	Acrylic for battens. Polycarbonate for weatherproof.		

Metal Battens



Emergency Lighting Classification

Cat. No. Series	Diffuser/Wire guard None Diffuser Prismatic Wire guard	Photometric C ₀ /C ₉₀	Product Code	NAIES Files	Cat. No. Series	Diffuser/Wire guard None Diffuser Prismatic Wire guard	Photometric C ₀ /C ₉₀	Product Code	NAIES Files
2224 23	x		D32/C32 SEE118M	LSA2291	2224 85	x		D32/C40 SLE218MWG	LSA2321
2224 23		x	D32/C25 SEE118MDP	LSA2300	2224 88	x	x	D32/C40 SLE218S	LSA2321
2224 23			D32/C32 SEE118MWG	LSA2291	2224 88			D25/C25 SLE218SDP	LSA2322
2224 26	x		D32/C32 SEE118N	LSA2291	2224 91	x	x	D32/C40 SLE218SWG	LSA2321
2224 26		x	D32/C25 SEE118NDP	LSA2300	2224 91			D63/D20 SLE236M	LSA2287
2224 26			D32/C32 SEE118NWG	LSA2291	2224 94	x	x	D40/C40 SLE236MDP	LSA2288
2224 29	x		D63/C63 SEE136M	LSA2325	2224 94			D63/D20 SLE236MWG	LSA2287
2224 29		x	D50/C25 SEE136MDP	LSA2326	2224 94	x	x	D63/D20 SLE236S	LSA2287
2224 29			D63/C63 SEE136MWG	LSA2325	2224 94			D40/C40 SLE236SDP	LSA2288
2224 32	x		D63/C63 SEE136N	LSA2325	6822 61	x	x	D63/D20 SLE236SWG	LSA2287
2224 32		x	D50/C25 SEE136NDP	LSA2326	6822 61			D32/C32 AXLE118M	LSA2291
2224 32			D63/C63 SEE136NWG	LSA2325	6822 61	x	x	D32/C25 AXLE118MDP	LSA2300
2224 35	x		D32/C40 SEE218M	LSA2321	6822 61			D32/C32 AXLE118MWG	LSA2291
2224 35		x	D25/C25 SEE218MDP	LSA2322	6822 62	x	x	D32/C32 AXLE118N	LSA2291
2224 39	x		D32/C40 SEE218S	LSA2321	2231 35			D32/C25 AXLE118NDP	LSA2300
2224 39		x	D25/C25 SEE218SDP	LSA2322	2231 35	x	x	D32/C32 AXLE118NWG	LSA2291
2224 42	x		D63/D20 SEE236M	LSA2287	6822 63	x	x	D63/C63 AXLE136M	LSA2325
2224 42		x	D40/C40 SEE236MDP	LSA2288	6822 63			D50/C25 AXLE136MDP	LSA2326
2224 45	x		D63/D20 SEE236S	LSA2287	6822 63	x	x	D63/C63 AXLE136MWG	LSA2325
2224 45		x	D40/C40 SEE236SDP	LSA2288	6822 64	x	x	D63/C63 AXLE136N	LSA2325
2224 73	x		D32/C32 SLE118M	LSA2291	6822 64			D50/C25 AXLE136NDP	LSA2326
2224 73		x	D32/C25 SLE118MDP	LSA2300	6822 64	x	x	D63/C63 AXLE136NWG	LSA2325
2224 73			D32/C32 SLE118MWG	LSA2291	6822 65	x	x	D32/C40 AXLE218M	LSA2321
2224 76	x		D32/C32 SLE118N	LSA2291	6822 65			D25/C25 AXLE218MDP	LSA2322
2224 76		x	D32/C25 SLE118NDP	LSA2300	6822 65	x	x	D32/C40 AXLE218MWG	LSA2321
2224 76			D32/C32 SLE118NWG	LSA2291	6822 43	x	x	D32/C40 AXLE218S	LSA2321
2224 79	x		D63/C63 SLE136M	LSA2325	6822 43			D25/C25 AXLE218SDP	LSA2322
2224 79		x	D50/C25 SLE136MDP	LSA2326	6822 43	x	x	D32/C40 AXLE218SWG	LSA2321
2224 79			D63/C63 SLE136MWG	LSA2325	6822 67	x	x	D63/D20 AXLE236M	LSA2287
2224 82	x		D63/C63 SLE136N	LSA2325	6822 67			D40/C40 AXLE236MDP	LSA2288
2224 82		x	D50/C25 SLE136NDP	LSA2326	6822 67	x	x	D63/D20 AXLE236MWG	LSA2287
2224 82			D63/C63 SLE136NWG	LSA2325	6822 68	x	x	D63/D20 AXLE236S	LSA2287
2224 85	x		D32/C40 SLE218M	LSA2321	6822 68			D40/C40 AXLE236SDP	LSA2288
2224 85		x	D25/C25 SLE218MDP	LSA2322	6822 68	x	x	D63/D20 AXLE236SWG	LSA2287

Emergency Lighting Spacing Table

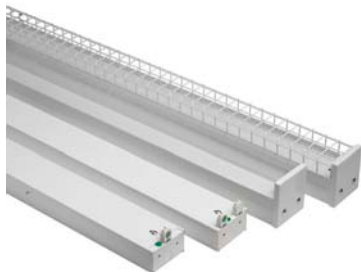
Mounting height (Metres)

	2.1	2.4	2.7	3.0	3.3	3.6	4.0	4.5	5.0	6.0	7.0	8.0	9.0	10.0	12.0	15.0	16.0
C25	9.5	10	11	11	12	12	12	13	13	14	14	15	15	14	13	6.5	
C32	10	11	11	12	12	13	13	14	15	15	16	16	17	16	16	12	
C40	11	11	12	13	13	14	14	15	16	17	17	18	18	18	18	16	
C63	12	13	14	14	15	15	16	17	18	19	20	21	22	23	23	23	19
D20	13	14	14	14	15	15	15	16	16	16	16	16	15	14	11		
D25	14	15	15	16	16	16	17	17	18	18	18	18	18	17	15	7.5	
D32	15	16	17	17	18	18	19	19	20	20	21	21	21	20	19	15	
D40	17	17	18	19	19	20	20	21	21	22	23	23	23	23	22	19	
D50	18	19	19	20	21	21	22	23	23	24	25	25	26	26	26	24	15
D63	19	20	21	22	22	23	24	25	25	26	27	28	29	29	29	28	2

* 2 metres or less mounting heights are considered impractical, and are not included in the table. Max spacings for mounting heights between the values given in the table may be obtained by interpolation.

T5 metal battens

Emergency and non-emergency luminaires



T5 Metal Battens - electronic ballasts

Complete range of emergency and non-emergency fittings to suit all applications. Robust design and easy to install. White powder zinc coated steel body with large terminal block for ease of connection. Suitable for wall or ceiling mount, this range provides an energy efficient and durable solution.

Pack	Cat No.	SPU's
		Standard - T5 Emergency Metal Battens
		LED Technology for Emergency Mode
		NiCd dual rate charge (HRC: 150 - LRC: 40mA)
1	6849 50	1x14W T5 Maintained LED Wide Body
1	6849 52	2x14W T5 Maintained LED Wide Body
1	6849 58	1x28W T5 Maintained 2xLED Wide Body
1	6849 59	2x28W T5 Maintained 2xLED Wide Body
		Standard - T5 Fluorescent Technology for Emergency Mode
		NiCd dual rate charge (Rate: 320 - 200mA)
1	6849 54	1x28W T5 Non-Maintained Wide Body
1	6849 55	1x28W T5 Maintained Wide Body
1	6849 56	2x28W T5 Maintained Wide Body
1	6849 57	2x28W T5 Sustained Wide Body
		Computer monitored SPU's
		AXIOM wireless/Commander Wired
		LED Technology for Emergency Mode
		NiCd dual rate charge (HRC: 150 - LRC: 40mA)
1	6849 60	1x14W T5 Maintained LED Wide Body
1	6849 62	2x14W T5 Maintained LED Wide Body
1	6849 68	1x28W T5 Maintained 2xLED Wide Body
1	6849 69	2x28W T5 Maintained 2xLED Wide Body
		Fluorescent T5 Technology for Emergency Mode
		NiCd dual rate charge
		(HRC: 430 to 260mA - LRC: 100 to 80mA)
1	6849 64	1x28W T5 Non-Maintained Wide Body
1	6849 65	1x28W T5 Maintained Wide Body
1	6849 66	2x28W T5 Maintained Wide Body
1	6849 67	2x28W T5 Sustained Wide Body

Pack	Cat No.	Non-emergency Battens
		Non-emergency metal battens bare
1	6849 70	1x14W T5 Bare batten Narrow Body
1	6849 87	1x14W T5 Bare batten Wide Body
1	6849 71	2x14W T5 Bare batten Wide Body
1	6849 72	1x28W T5 Bare batten Narrow Body
1	6849 90	1x28W T5 Bare batten Wide Body
1	6849 73	2x28W T5 Bare batten Wide Body
		Non-emergency metal diffused battens
1	6849 74	1x14W T5 Diffused batten Narrow Body
1	6849 88	1x14W T5 Diffused batten Wide Body
1	6849 75	2x14W T5 Diffused batten Wide Body
1	6849 76	1x28W T5 Diffused batten Narrow Body
1	6849 91	1x28W T5 Diffused batten Wide Body
1	6849 77	2x28W T5 Diffused batten Wide Body
		Non-emergency metal wireguard battens
1	6849 78	1x14W T5 Wireguard batten Narrow Body
1	6849 89	1x14W T5 Wireguard batten Wide Body
1	6849 79	2x14W T5 Wireguard batten Wide Body
1	6849 70	1x28W T5 Wireguard batten Narrow Body
1	6849 92	1x28W T5 Wireguard batten Wide Body
1	6849 81	2x28W T5 Wireguard batten Wide Body
		Accessories
		Diffusers
1	6849 83	Diffuser for T5 1x14 Narrow Body
1	6849 84	Diffuser for T5 2x14 Wide Body
1	6849 85	Diffuser for T5 1x28 Narrow Body
1	6849 86	Diffuser for T5 2x28 Wide Body
		Wireguard
1	6849 93	Wireguard for T5 1x14 Narrow Body
1	6849 94	Wireguard for T5 2x14 Wide Body
1	6849 95	Wireguard for T5 1x28 Narrow Body
1	6849 96	Wireguard for T5 2x28 Wide Body
		Other
1	2010 58	Commander Communication Cable

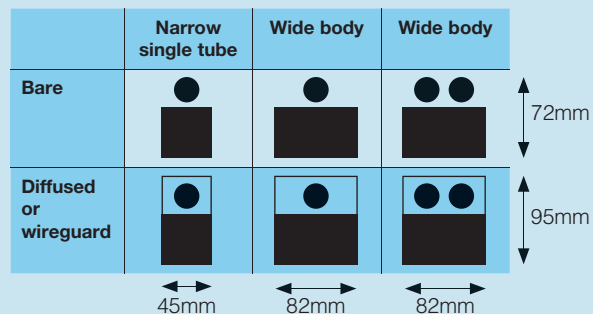
*Wide body designed to match emergency lighting fittings

T5 metal battens

Emergency and non-emergency luminaires

Technical Specifications

Product Specifications			
Cat. No.	684956 (SPU 2x28W)	684966 (Axiom 2x28W)	684973 (Non Emergency 2x28W)
Lamp*	T5 28W (lamp not supplied)		
Battery	NiCd 5 x 1 D-cells linear - 6V d.c. 4.0Ah		-
Charging mechanism	Variable rate charge	Dual rate charge	-
Charging current	300mA to 200mA	HRC: 430 to 260mA LRC: 100 to 80mA	-
Operating voltage	240V a.c. +/- 6% 50Hz		
Power consumption	0.3A	0.33A	0.25A
Lighting classification	C ₀ /C ₉₀ /C ₁₈₀ D50/D20/D63	C ₀ /C ₉₀ /C ₁₈₀ D580/D25/D80	
Operating temperature	10°C to 40°C		
IP rating	IP20		
Replacement battery	Cat No HB00024TA		



Dimensions (mm)			
	A	B	C
Narrow body 14W	570	72	45
Wide body 14W	570	72	82
Narrow body 28W	1170	72	45
Wide body 28W	1170	72	82

Emergency Lighting Classification

Cat. No.	Diffuser/Wireguard			Photometric C0/C90
	None	Diffuse	Wireguard	
684950				TBA
684952				TBA
684958				TBA
684959				TBA
684955	X			D63/D20
684954	X			D63/D20
684956	X			D63/D20/D63
684957	X			D63/D20/D63
684955		X		D63/D20
684954		X		D80/C80
684956		X		D63/D20/D63
684957		X		D63/D20/D63
684955			X	D63/D20
684954			X	D63/D20
684956			X	D50/C63/D50
684957			X	D50/C63/D50

Cat. No.	Diffuser/Wireguard			Photometric C0/C90
	None	Diffuse	Wireguard	
684960				TBA
684962				TBA
684968				TBA
684969				TBA
684964	X			D80/D25
684965	X			D80/D25
684966	X			D80/D25/D80
684967	X			D80/D25/D80
684964		X		D80/D25
684965		X		D80/D25
684966		X		D63/C80/D80
684967		X		D63/C80/D80
684964			X	D80/D25
684965			X	D80/D25
684966			X	D63/D80/D63
684967			X	D63/D80/D63

Emergency Lighting Spacing Table

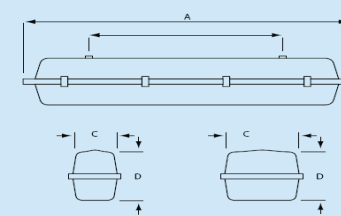
Mounting Height (metres)															
	2.1	2.4	2.7	3	3.3	3.6	4	4.5	5	6	7	8	9	10	15
D20	13.1	13.6	14.1	14.5	14.8	15.1	15.5	15.8	16.1	16.4	16.3	16.0	15.4	14.5	-
D50	18.0	18.7	19.4	20.1	20.7	21.2	21.8	22.5	23.2	24.2	24.9	25.4	25.7	25.9	23.7
D63	19.0	20.0	21.0	22.0	22.0	23.0	24.0	25.0	25.0	26.0	27.0	28.0	29.0	29.0	28.0
D80	21.0	22.0	22.8	23.6	24.3	25.0	25.8	26.7	27.5	28.9	30.0	30.9	31.6	32.1	32.4
C63	11.9	12.8	13.5	14.2	14.9	15.5	16.2	17.1	17.9	19.2	20.3	21.2	22.0	22.5	22.9
C80	12.7	13.5	14.4	15.1	15.8	16.5	17.3	18.3	19.1	20.7	22.0	23.0	23.9	24.7	26.1

T5 and T8 weatherproof battens

Emergency lights

Technical Specifications

	Standard	Computer monitored
Battery	T8 18W: NiCd 3x 1.2V "D" Cell - 4Ah	
	T8 36W: NiCd 4x 1.2V "D" Cell - 4Ah	
	T5 28W: NiCd 5x 1.2V "D" Cell - 4Ah	
	T5 35W: NiCd 6x 1.2V "D" Cell - 4Ah	
Charging Mechanism	Variable rate charge	Dual Rate Charge
Charging Current	300mA - 200mA	HRC: 340-260mA - LRC:80-100mA
Operating Voltage	240V a.c. +/- 6% 50Hz	
Diffuser	Fire retardant, high impact, UV resistant clear Polycarbonate	
Body	Moulded grey ABS	
Operating temperature	10°C to +40°C	
IP Rating	IP65	
Replacement battery	T8 18W: NiCd Cat No 222023	
	T8 36W: NiCd Cat No 222028	
	T5 28W NiCd Cat No: 201559	T5 28W NiCd Cat No: HB00024TA
	T5 35W Cat No 222026	



	Dimensions (mm)			
T8	A	B	C	D
1 x 18W	666	230	100	108
1 x 36W	1276	836	100	108
2 x 18W	666	230	170	108
2 x 36W	1276	836	170	108
T5	A	B	C	D
1 x 28W	1275	892	155	88
1 x 35W	1578	966	98	100
2 x 28W	1275	892	155	88
2 x 35W	1578	966	158	100

Emergency Lighting Classification

Cat No	Product Code	Photometric	Cat No	Product Code	Photometric
222559	WES236ES	D40/C50/D50	684900	WES128EM	D63/D20
222570	WES136EM	D50/C40	684901	WES128N	D63/D20
222571	WES136N	D50/C40	684902	WES228EM	D50/C80/D80
222572	WES118EM	D32/C40/D40	684903	WES228ES	D50/C80/D80
222573	WES118N	D32/C40/D40	684905	WES135EM	D100/C80
222574	WES218EM	D32/C32/D40	684906	WES135N	D100/C80
222575	WES218ES	D32/C32/D40	684907	WES235EM	D63/D25/D100
222576	WES236EM	D40/C50/D50	684908	WES235ES	D63/D25/D100
682272	AXWED136N	D50/C40	684910	AXWED128EM	D63/D25/D63
682287	AXWED218ES	D32/C40/D40	684911	AXWED128N	D63/D25/D63
682289	AXWED136EM	D50/C40	684912	AXWED228EM	D80/D25/D50
682290	AXWED118EM	D40/D16	684913	AXWED228ES	D80/D25/D50
682291	AXWED118N	D40/D16	684915	AXWED135EM	TBA
682292	AXWED218EM	D32/C40/D40	684916	AXWED135N	TBA
682293	AXWED236EM	D32/C63/D63	684917	AXWED235EM	TBA
682294	AXWED236ES	D32/C63/D63	684918	AXWED235ES	TBA

Emergency Lighting Spacing Table

	Mounting Height (m)														
	2.1	2.4	2.7	3	3.3	3.6	4	4.5	5	6	7	8	9	10	15
D16	12.1	12.6	13.0	13.3	13.6	13.9	14.1	14.6	14.6	14.6	14.4	13.8	12.9	11.5	
D25	14.2	14.7	15.3	15.7	16.1	16.5	16.9	17.3	17.7	18.1	18.3	18.2	17.9	17.3	7.7
D32	15.4	16.1	16.7	17.2	17.6	18.0	18.5	19.1	19.5	20.2	20.6	20.7	20.6	20.4	14.6
D50	18.0	18.7	19.4	20.1	20.7	21.2	21.8	22.5	23.2	24.2	24.9	25.4	25.7	25.9	23.7
D63	19.0	20.0	21.0	22.0	22.0	23.0	24.0	25.0	25.0	26.0	27.0	28.0	29.0	29.0	28.0
D80	21.0	22.0	22.8	23.6	24.3	25.0	25.8	26.7	27.5	28.9	30.0	30.9	31.6	32.1	32.4
D100	22.7	23.7	24.6	25.5	26.3	27.0	27.9	28.9	29.8	31.4	32.7	33.7	34.6	35.3	35.6
C40	10.6	11.3	12.0	12.6	13.1	13.6	14.3	15.0	15.6	16.6	17.4	17.9	18.3	18.5	16.2
C63	11.9	12.8	13.5	14.2	14.9	15.5	16.2	17.1	17.9	19.2	20.3	21.2	22.0	22.5	22.9
C80	12.7	13.5	14.4	15.1	15.8	16.5	17.3	18.3	19.1	20.7	22.0	23.0	23.9	24.7	26.1

E AT DE

For emergency signs and luminaires

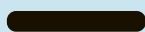
Legrand personnel will be pleased to assist you if you have any questions about which type to use.

Non-maintained mode

Definition:

A luminaire in which all the emergency lamps are in operation only when the normal mains supply fails, ie the lamps are normally OFF when the mains supply is on, and come ON in emergency mode when the mains supply fails.

Mains "ON"



Mains "OFF"



Maintained mode

Definition:

A luminaire in which all the emergency lamps are in operation at all times, ie the lamps are ON when the mains supply is ON, and remain ON in emergency mode when the mains supply fails.

Mains "ON"



Mains "OFF"



Sustained mode

Combined Non-maintained (Sustained)

Definition:

An emergency luminaire containing two or more lamps, at least one of which is energised from a non maintained emergency lighting supply. The remaining lights are energised and lit from the normal mains supply.

Usually, one lamp is ON when the mains supply is on, and the other lamp will come ON only when the mains supply fails

Mains "ON"



Mains "OFF"



NOTE: For additional information refer to Standards Australia www.standards.org.au

Emergency lighting standards

Technical specifications

■ Standards AS2293.1

Summary

- Pictographs replace the word "EXIT" for exit sign legend.
- New rules for viewing distance.
- New requirements are not retrospective.
- 4 sizes of exit signs are now recommended

When and where?

New pictographs are to be adopted as part of new BCA, upon approval of building certifiers, and with respect of different states interpretation.

■ Pictographs

A moving person known as "Running Man" is used to indicate exit sign. 3 variations cover all possibilities:



Straight on from here



Right Exit



Left Exit

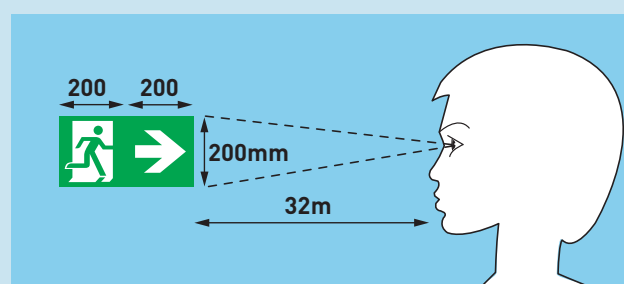
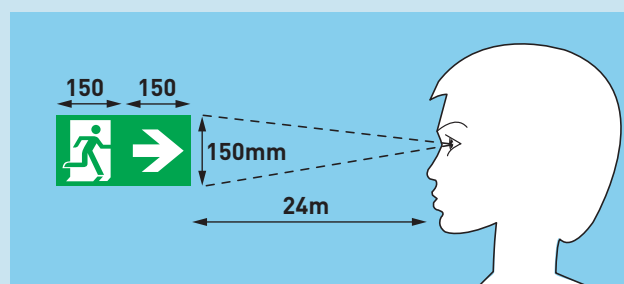
- For theatres, special green on black is still accepted. Use of the Double arrows is no longer permitted.

NOTE: Exit signs bearing "EXIT" are still to be used in N.Z.

■ Viewing Distance

The standard define viewing distance in relation to the sizes of the pictograph and the arrow.

Accepted standard sizes:



LED polycarbonate satellite series

Emergency lights



LED Satellite Range
Suitable for all applications.
Energy efficient design, consume less than 1W in stand by mode (SPU),
Elegant and unobtrusive with 4 different dish sizes to suit new and existing installations.
Two rate charge battery mechanism for optimum battery performance.

Pack	Cat No	Polycarbonate SPUs
		LED Premium
		1 x HB LED, extra low stand-by power consumption (less than 1 W) NiCd dual rate charge (HRC: 150mA - LRC: 40mA)
1	684850	Satellite LED with Flex and Plug D40
1	684855	Satellite LED with Flex and Plug D25
1	684852	Satellite LED with Flex and Plug Black
1	684853	Satellite LED Surface mount
1	684854	Satellite LED Surface mount Black
1	684875	Satellite LED IP65 Surface Mount
1	684878	Satellite LED IP65 Surface Mount for Freezer to -25°C*

		Computer Monitored SPUs
		LED Premium
		Axiom Wireless/Commander Wired
		1 x HB LED, extra low stand-by power consumption (less than 1.5 W) NiCd dual rate charge (HRC: 150mA - LRC: 40mA)
1	684860	Satellite LED with Flex and Plug
1	684862	Satellite LED with Flex and Plug Black
1	684863	Satellite LED Surface mount
1	684864	Satellite LED Surface mount Black
1	684879	Satellite LED IP65 Surface Mount
1	684880	Satellite LED IP65 Surface Mount for Freezer to -25°C*

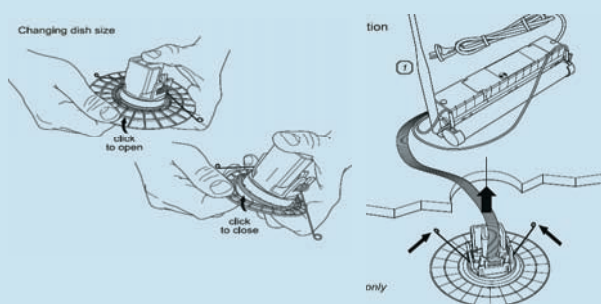
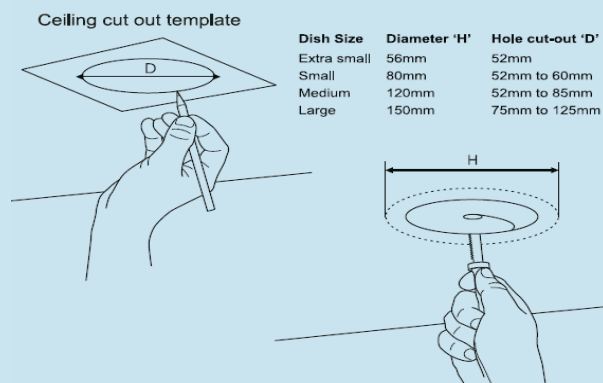
		Accessories
1	684870	LED Satellite three dish sizes Kit (80, 120, 150mm)
1	684871	LED Satellite three dish sizes Kit Black (80, 120, 150mm)
1	684874	Battery Pack for LED Satellite

*Dish only

LED polycarbonate satellite series

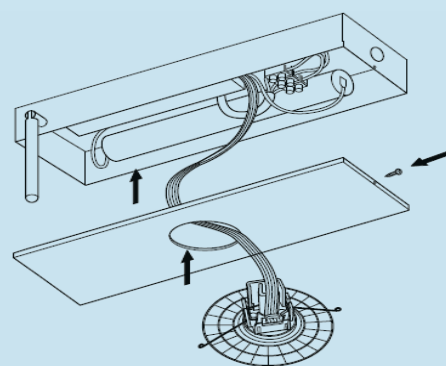
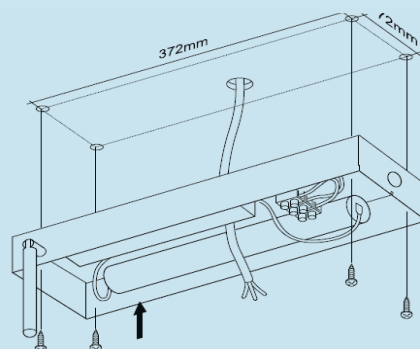
Emergency lights - Dimensions

Product Installation and dimensions



Surface mount satellite

Box dimension 436mm x 135mm x 53mm



LED polycarbonate satellite series

Emergency lights

Technical Specifications

Product specifications		
Cat. no.	684850	684860
Type	SPU	AXIOM/Commander
Lamp	1 x HBLED	
Battery	NiCd 5 x 1 Sub-C cells linear - 6.0Vdc 1.5Ah	
Charging mechanism	Dual rate charge	
Charging current	150mA (hrc) - 40mA (lrc)	
Operating voltage	240 a.c. +/- 6% 50Hz	
Power consumption	0.95W	1.4W
Body constructions	Polycarbonate white	
Operating temperature	10° to 40° (-25°C to 40°C freezer option)	
IP rating	IP20	

Product Dimensions

Dis Size	Dish diameter (mm)	Hole cut-out (mm)	Recommended hole cut out (mm)
Extra small (LED Assy)	56	52	52
Small	80	52 - 60	55
Medium	120	52 - 85	75
Large	150	75 - 125	120

Emergency Lighting Classification

CatNo	Satellite Recess Mount C0/C90	Satellite Recess Mount Black C0/C90	Satellite Surface Mount C0/C90	Surface Mount Black C0/C90	Surface Mount IP65 C0/C90	Surface Mount Freezer C0/C90
684850	D40/D40					
684855	D25/D25					
684852		D40/D40				
684853			D40/D40			
684854				D40/D40		
684875					D25/D25	
684878						D25/D25
684860	D40/D40					
684862		D40/D40				
684863			D40/D40			
684864				D40/D40		
684879					D25/D25	
684880						D25/D25

Emergency Lighting Classification Table

	Mounting Height (m)														
	2.1	2.4	2.7	3	3.3	3.6	4	4.5	5	6	7	8	9	10	15
D25	14.2	14.7	15.3	15.7	16.1	16.5	16.9	17.3	17.7	18.1	18.3	18.2	17.9	17.3	7.7
D40	16.7	17.4	18.0	18.6	19.1	19.6	20.1	20.8	21.3	22.1	22.7	23.0	23.1	23.1	19.4

Polycarbonate satellite series

Emergency lights



QH Polycarbonate Satellite Range
Standard and Premium polycarbonate dishes with 1x10W G4 Quartz Halogen lamp
Spinning diameter 120mm (medium size)

Pack	Cat No	Polycarbonate Spinning SPUs
		Standard
1	6820 20	NiCd variable rate charge with 1x10W QH lamp
1	6820 23	Medium size spinning with flex and plug
1	6820 22	Medium size black spinning with flex and plug
		Premium
1	682120	NiCd dual rate charge with 1x10W QH lamp
1	682122	Medium size spinning with flex and plug
1	682123	Medium size spinning surface mount

Computer Monitored - Polycarbonate Spinning SPUs

Commander Wired

NiCd dual rate charge with 1x10W QH lamp
Medium size spinning with flex and plug
Medium size spinning surface mount

Axiom wireless

NiCd dual rate charge with 1x10W QH lamp
Medium size spinning with flex and plug
Medium size spinning surface mount

Accessories

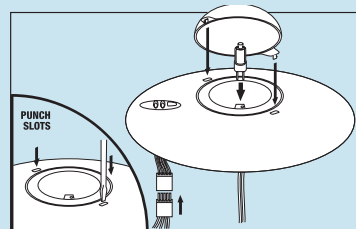
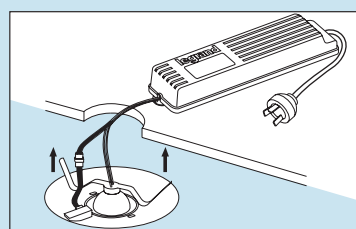
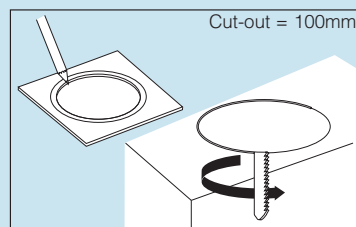
6V, 10W Quartz-Halogen lamp
Clear moulded visor
Spinning with lamp holder
Spinning black with lamp holder
Spinning mounting spring clip

Satellite series polycarbonate spinning

Technical specifications

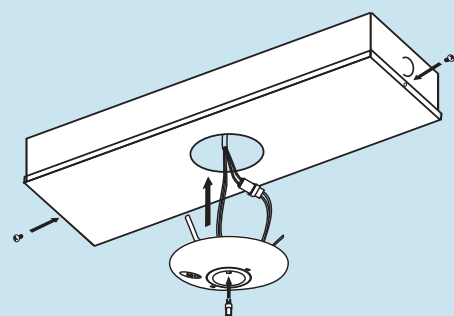
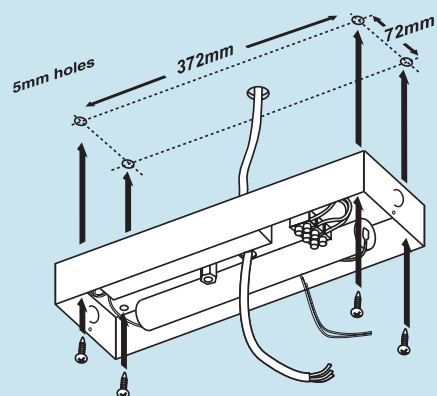
Product Installation & Dimensions

Satellite



Satellite surface mounted

Dimensions: 436mm x 135mm x 53mm



QH polycarbonate satellite series

Emergency lights



QH Metal Satellite Range

Standard and Premium metal dishes with 1x10W G4 Quartz Halogen lamp. Spinning diameter 117mm or 140mm (medium or large size)

Pack	Cat No	Metal Spinning SPUs
		Standard
		Lead Acid variable rate charge (Rate 360 - 250mA) 1x10W QH lamp
1	2230 36	Medium size metal spinning without flex and plug
1	2230 37	Medium size metal spinning with flex and plug
1	2226 94	Medium size metal spinning surface mount
1	2230 39	Large size metal spinning with flex and plug
		Standard
		NiCd variable rate charge (Rate 360 - 250mA) 1x10W QH lamp
1	2015 25	Medium size metal spinning with flex & plug
1	2018 48	Large size metal spinning with flex and plug
		Premium
		NiCd dual rate charge (HRC: 450mA - LRC: 70mA) 1x10W QH lamp
1	2015 29	Medium size metal spinning with flex & plug
1	204013	Medium size metal spinning with clear visor and flex & plug
1	2040 17	Medium size metal black spinning with clear visor and flex & plug
1	2230 46	Large size metal spinning with flex and plug

		Computer Monitored-Metal Spinning SPUs
		Commander wired
		NiCd dual rate charge (HRC: 450mA - LRC: 70mA) 1x10W QH lamp
1	2231 52	Large size spinning with flex and plug
1	2231 53	Large size spinning surface mount
		Axiom wireless
		NiCd dual rate charge (HRC: 450mA - LRC: 70mA) 1x10W QH lamp
1	6822 54	Medium size metal spinning with flex & plug
1	6822 55	Large size spinning with flex and plug
1	6822 57	Large size spinning surface mount

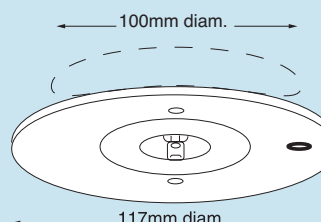
		Accessories
1	2003 55	6V, 10W Quartz-Halogen lamp
1	2027 53	Battery pack - Lead Acid 12V 5A
1	2019 17	Medium metal spinning
1	2015 26	Medium metal spinning (comp)
1	2230 09	Medium metal spinning + clear visor
1	2230 10	Medium metal spinning + clear visor (comp)
1	2224 99	Large metal spinning
1	2015 10	Large metal spinning (comp)
1	2000 57	Large metal spinning + clear visor
1	2000 74	Large metal spinning + clear visor (comp)

Satellite series, metal spinning

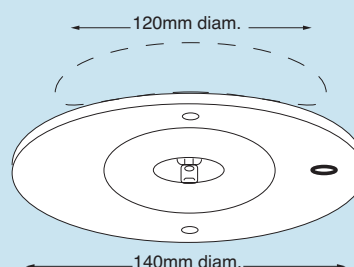
Technical specifications

Product Installation & Dimensions

Medium metal spinning

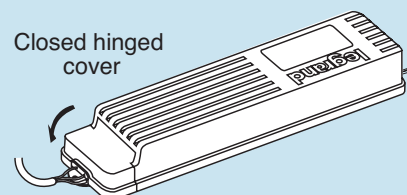
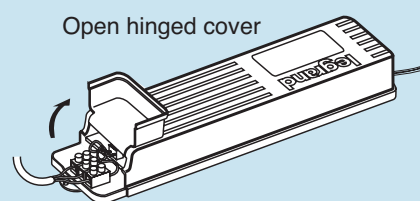


Large metal spinning



Satellite power pack

Dimensions: 370mm (W) x 60mm (H) x 85mm (D)



Satellite series, polycarbonate and metal spinning

Emergency lights

Technical Specifications

	Standard	Premium	Computer monitored
Operation Mode	Non-Maintained		
Light source	1 x 10W QH 6V - G4 base		
Battery	LA (Lead Acid range)	NiCd 5x 1.2V "D" Cell - 4Ah	
	NiCd (NiCd Range)		
Charging Mechanism	Variable rate charge	Dual Rate Charge	
Charging Current	LA: 340mA - 240mA	HRC: 450mA - LRC:70-100mA	
	NiCd: 340mA - 240mA		
Operating Voltage	240V a.c. +/- 6% 50Hz		
Power Consumption	LA: 1W Stand-by	2W Stand-by	
	NiCd: 2W stand-by		
Body Constructions	Fire retardant, high impact, UV resistant white Polycarbonate		
Spinning Construction	Polycarbonate Range: Fire retardant, high impact, UV resistant white Polycarbonate		
	Metal Range: White powder coated steel		
Operating temperature	10°C to +40°C		
IP Rating	IP20		
Replacement battery	LA: CatNo 2027 53	NiCd: Cat No 201559	
	NiCd: Cat No 201559		

Product Dimensions

Dish Size	Dish diameter (mm)	Hole cut-out (mm)	Recommended hole cut out (mm)
Medium	117	95-105	100
Large	140	115-125	120

Product Classification

CatNo	Satellite Recess Mount C0/C90	Satellite Surface Mount C0/C90	Satellite + Visor (682345) C0/C90
Polycarbonate Spinning			
682020	D16/D16		
682022		D16/D16	
682120	D20/D20		D16/D16
682122		D20/D20	
682220	D20/D20		D16/D16
682222		D20/D20	
682256	D20/D20		
682257		D20/D20	
Metal Spinning			
223036	D16/D20		
222694		D16/D20	
223152	D20/D16		
223153		D20/D16	
682254	D20/D16		
682255		D20/D16	

Emergency Lighting Classification Table

	Mounting Height (m)														
	2.1	2.4	2.7	3	3.3	3.6	4	4.5	5	6	7	8	9	10	15
D16	12.1	12.6	13.0	13.3	13.6	13.9	14.1	14.6	14.6	14.6	14.4	13.8	12.9	11.5	-
D20	13.1	13.6	14.1	14.5	14.8	15.1	15.5	15.8	16.1	16.4	16.3	16.0	15.4	14.5	-
D25	14.2	14.7	15.3	15.7	16.1	16.5	16.9	17.3	17.7	18.1	18.3	18.2	17.9	17.3	7.7
D40	16.7	17.4	18.0	18.6	19.1	19.6	20.1	20.8	21.3	22.1	22.7	23.0	23.1	23.1	19.4

Oyster fitting

Emergency lights

Technical specifications



682143

Oyster fitting

Range of emergency and non-emergency Oyster fitting. Available in white colour housing and supplied with opalescent acrylic diffuser.

Also available a weatherproof IP55 version in black colour. Oysters can be installed either wall or ceiling mount.

Pack	Cat No.	SPU's
		Standard
1	6821 42	NiCd variable rate charge. (Rate 320 - 200mA)
1	6821 43	Maintained/Non-maintained 1 x 26W CFL
		Maintained/Non-maintained Black 1 x 18W CFL IP 55
		Computer Monitored SPUs
		Axiom Wireless/Commander Wired
		NiCd dual rate charge (HRC: 420-220mA - LRC: 120-90mA)
1	6822 44	Maintained/Non-maintained 1 x 26W CFL
1	6822 46	Maintained/Non-maintained Black 1 x 18W CFL IP55
		Non-emergency
1	C26A	White Oyster 1 x 26W CFL (to suit 6821 42 / 682244)
		Accessories
1	2220 24	Battery Pack
1	2010 58	Commander Communications cable
1	AE32DIFF	Replacement diffuser for white Oyster

Note1: For non-emergency weatherproof Oyster fitting please contact Legrand office

Note2: When an Axiom fitting is used on a Commander network, a communications cable Cat No 2010 58 must be used and ordered separately

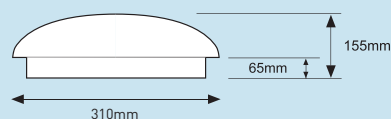
Oyster fitting

Emergency lights

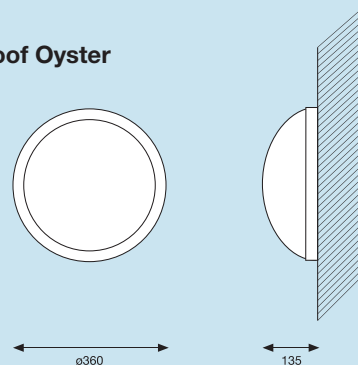
Technical specifications

Product Installation & Dimensions

White Oyster



Weatherproof Oyster



Technical Specifications

	Standard	Computer monitored
Operation Mode	Maintained/Non-Maintained	
Light source	White: 26W PLC WP: 18W PLC	
Battery	NiCd 4 x 1 D Cell - 4.8Vdc 4.5Ah	
Charging Mechanism	Variable rate charge	Dual Rate Charge
Charging Current	320mA - 200mA	HRC: 420mA - 220mA
Operating Voltage	240V a.c. +/- 6% 50Hz	
Body Constructions	White: Circular mild steel WP: Circular cast aluminium	
Diffuser	White: Dished moulded opalescent acrylic WP: Dished moulded opalescent polycarbonate	
Operating temperature	10°C to +40°C	
Emergency Lighting Classification	White: D20/D20 WP: D10/D10	White: D25/D25 WP: D10/D10
IP Rating	WP: IP55 White: IP20	
Replacement battery	WP: Cat No 222028 White: CatNo 222024	

Emergency Lighting Classification Table

	Mounting Height (m)								
	2.1	2.4	2.7	3	3.3	3.6	4	4.5	5
D10	10.2	10.6	10.9	11.1	11.3	11.4	11.5	11.6	11.6
D20	13.1	13.6	14.1	14.5	14.8	15.1	15.5	15.8	16.1
D25	14.2	14.7	15.3	15.7	16.1	16.5	16.9	17.3	17.7

Emergency lights

Power packs T5 and T8



6640 51

Power packs

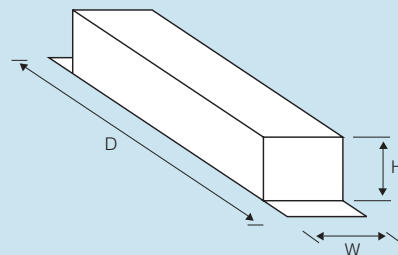
Contains an electronic inverter and nickel cadmium batteries. 1.2V cells rated at 70°C. Power packs are for fluorescent or tungsten halogen 6 volt 10 watt incandescent lamp. Self-contained emergency power packs are to upgrade existing fluorescent luminaires for appliance with statutory safety regulations. The electronic control pack is supplied in new slimline profile metal can with: only 32mm height to suit low profile design version. Cater for most applications light fitting into a emergency light fitting in a non-maintained, maintained or sustained mode. Battery pack is supplied in slim version.

Pack	Cat No.	SPU's	Prod code
		Standard	
		NiCd variable rate charge (Rate 320 – 200 mA) Fluorescent lamp – electronic or conventional ballast compatible. Supplied with Red LED: Continuous glow indicates 240V AC power connected.	
1	6640 50	18 watt - T8	EPP3D18FES
1	6640 51	36 watt - T8	EPP4D36FES
1	6820 58	58 watt - T8	EPP558FS
1	6820 59	58 watt - T8 Electronic ballast	EPP558FES
1	6640 53	14 watt - T5 NEW	EPPD14FES
1	6640 54	28 watt - T5	EPP5D28FES
1	6640 55	35 watt - T5	EPP6D35FES
		Premium	
		NiCd two rate charge (High rate 400 mA, Low rate 70-100 mA) 6 Volt 10 Watt Fluorescent lamp – Conventional ballast T8	UPP5-IS
1	2225 49		
1	2013 22	18 watt	UPP318FS
1	2013 20	36 watt	UPP436FS
1	6821 58	58 watt	UPP558FS
		Computer monitored SPU's	
		COMMANDER wired	
		NiCd two rate charge (High rate 400 mA, Low rate 70-100 mA) Fluorescent lamp – Conventional or electronic ballast - T8	
1	2013 87S	18 watt maintained	COM18MS
1	2013 89S	36 watt maintained	COM36MS
1	6822 58	58 watt maintained	COM58MS
		Fluorescent lamp - electronic ballast - T5	
1	6822 52	28 watt T5	COM 28T5HEMS
1	6822 53	35 watt T5	COM 35T5HEMS
		AXIOM wireless	
		NiCd two rate charge (High rate 400 mA, Low rate 70-100 mA) Fluorescent lamp – Conventional or electronic ballast - T8	
1	6822 13	18 watt maintained / sustained	AX18MPP
1	6822 15	36 watt maintained / sustained	AX36MPP
1	6822 16	58 watt maintained / sustained	AX58MPP
		Fluorescent lamp - electronic ballast - T5	
1	6822 51	14 watt T5 maintained	AX14MPP
1	6822 17	28 watt T5 maintained	AX28MPP
1	6822 18	35 watt T5 maintained	AX35MPP
1	6822 19	49 watt T5 maintained	AX49MPP

Emergency lights

Power packs T5 and T8

Technical specifications



Power Pack Cat No	Can Dimensions W x H x D	Replacement Battery
6640 50	48mm x 32mm x 225mm	2220 23
6640 51		2220 24
6820 58		2015 59
6820 59		2015 59
6640 54	31mm x 31mm x 344mm	2015 59
6640 55		2220 26
2013 22	40mm x 43mm x 225mm	2220 23
2013 20		2220 24
6821 58		2015 59
2013 87S		2220 23
2013 89S	40mm x 43mm x 278mm	2220 24
6822 58		2015 59
6822 52		2015 59
6822 53		2220 26
6822 13		2220 23
6822 15		2220 24
6822 16		2015 59
6822 51		2220 23
6822 17		2015 59
6822 18		2220 26
6822 19		2220 26

Replacement Battery Cat. No.	No. of 'D' cells	Battery Dimensions W x H x L (mm)
2220 23	3	35 x 35 x 210
2220 24	4	35 x 35 x 270
2015 59	5	35 x 35 x 330
2220 26	6	35 x 35 x 409

Disclaimer - Compliance to the relevant requirements of Australian electrical safety standards AS/NZS60598, emergency lighting standards AS2293 and EMC regulations are the responsibility of the manufacturer of the final fitting.

OEM bulk pack available on request.

Notes

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



AXIOM: Wireless computer monitored emergency lighting system

AXIOM provides a wireless solution for computer monitored emergency lighting needs. Installation, commissioning and monitoring made simple and reliable.



THEY HAVE SPECIFIED AND INSTALLED LEGRAND PRODUCTS:

Auckland University: Auckland | New Zealand

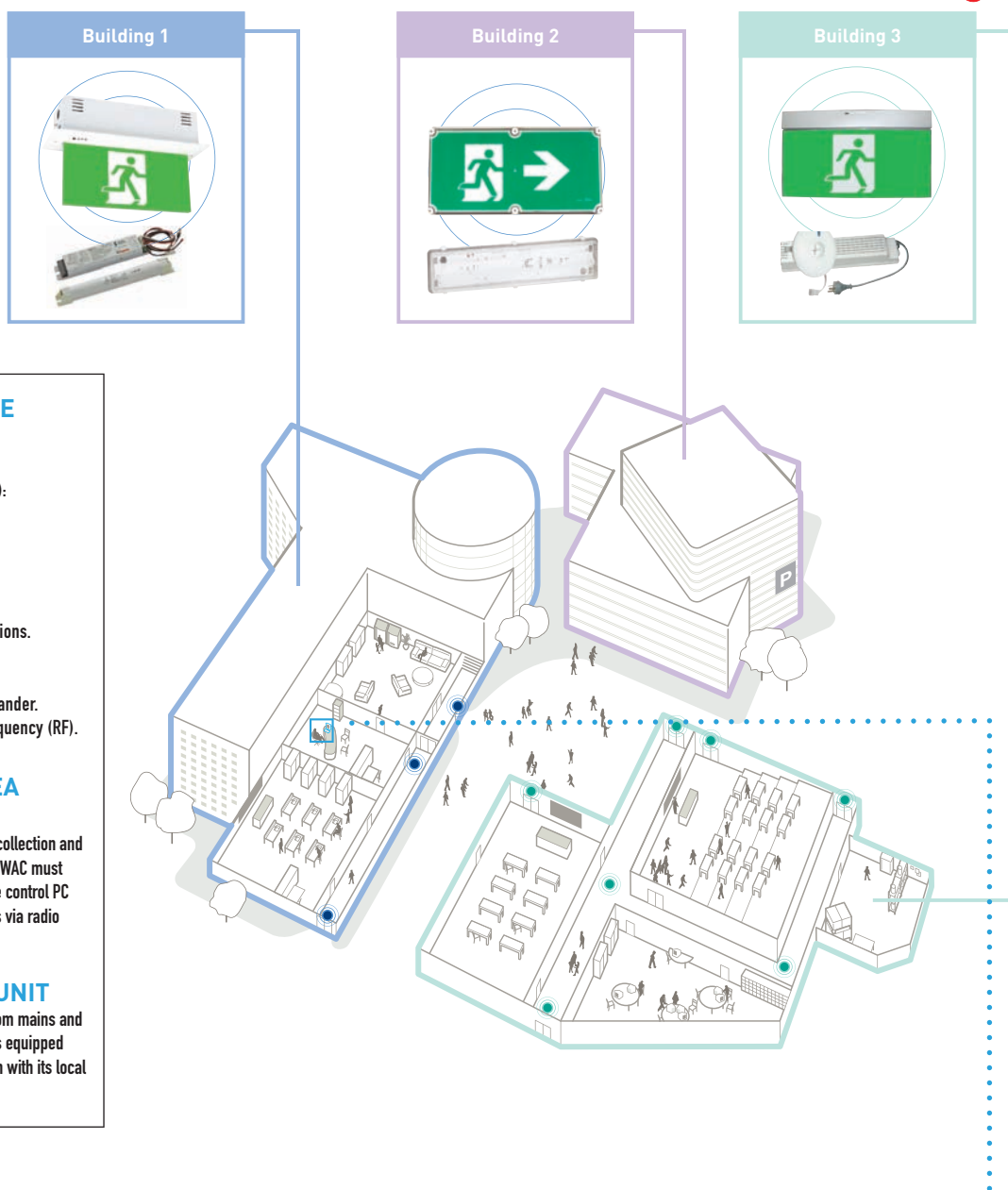
Central Plaza: Brisbane | Qld

Darwin Entertainment Centre: Darwin | NT

80 Collins St: Melbourne | Vic

Digital Harbour: Melbourne | Vic

Tauranga Hospital: Tauranga | New Zealand



AXIOM ARCHITECTURE

- PC
- CIU - Communication Interface Unit
- Multiple WAC's (Wireless Controller): one per area, eg. each level
- SPU's - Single Point Unit

LEGRAND BENEFITS

- 1 - Perfect for small to large installations.
- 2 - Less cost for less cable.
- 3 - Installation without restrictions.
- 4 - Backward compatability to commander.
- 5 - Proven Performance of Radio Frequency (RF).

WAC - WIRELESS AREA CONTROL

Compact, wall-mounted device for the collection and storage of local branch SPU status. The WAC must be hard-wired in a daisy chain from the control PC to other WACs. It communicates to SPUs via radio frequency or may be hard-wired.

SPU - SINGLE POINT UNIT

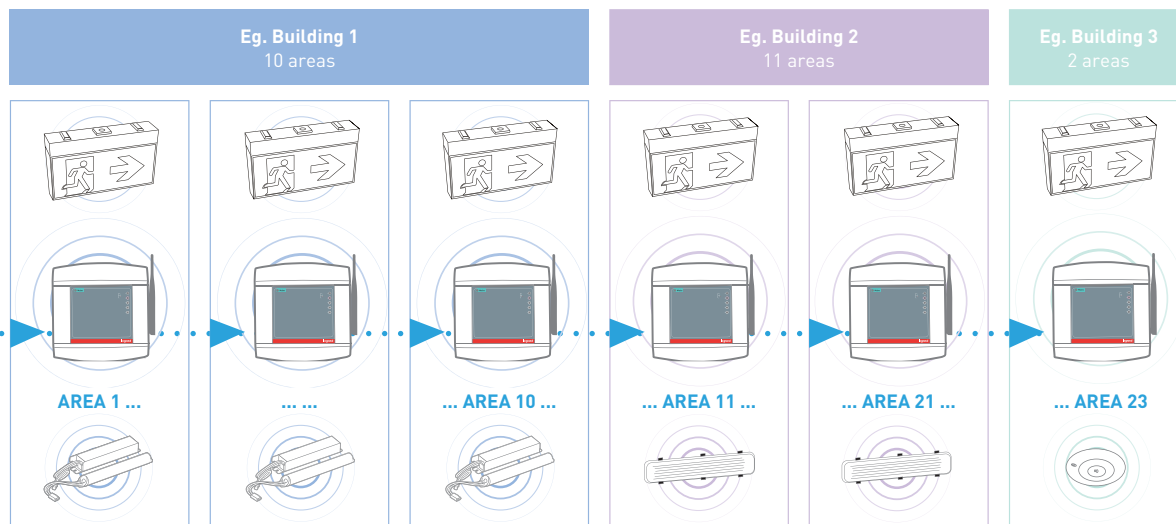
Emergency light designed to operate from mains and from internal rechargeable batteries. It is equipped with a small antenna for communication with its local monitoring system.

TESTING

Monitor the status of all Single Point Units (SPUs) from one central location. With an unlimited number of areas per building, each area consists of one WAC and up to 60 SPUs. Once commissioned, data is regularly collected, updated and printed through the PC, via Cat5 cable.

Connection
via dedicated
or ethernet
Cat5 cable

Facilities Office



AXIOM computer and software

Testing systems



6822 99

AXIOM Wireless Area Controller

Testing systems



6822 98

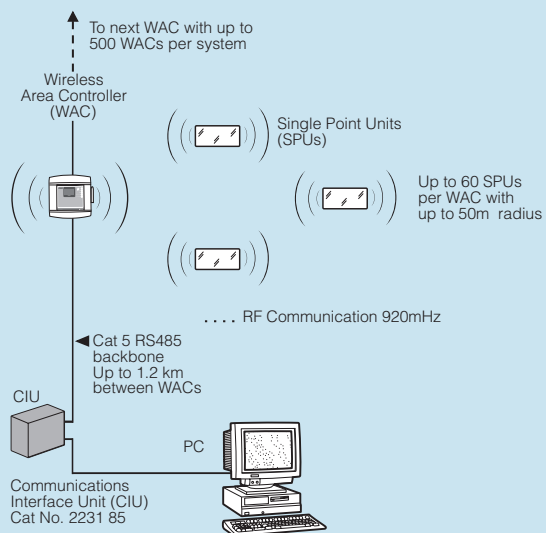
Pack	Cat No.	Aegis system software	Prod code	Pack	Cat No.	Wireless Area Controller	Prod code
1	6822 99	Enables a system control computer to co-ordinate the testing and reporting of the emergency lighting system Database contains key information including detailed physical location, zone, circuit, product type and performance status/history. Graphic of each item assists in product identification. Software allows import of floor plan and drag-and-drop placement of SPU and Area controllers for ease of identification, installation and maintenance Software features visualisation of wireless links and also supports Aegis8 databases Emergency lighting discharge tests are contained in a logbook designed to comply with AS/NZ regulations. Aegis 9 system software - AXIOM Wireless Aegis 9 has been developed with a higher level of functionality for AXIOM wireless systems.	AX-Soft	1	6822 98	Intelligent device networked over an RS485 backbone to other Area Controllers and the Control Computer. A variety of RJ sockets provided for trunk and branch connection using Cat 5 or legacy cabling systems. Able to initiate time-based polling of SPU's and various discharge tests as directed by computer. Monitors a single zone of up to 60 SPU's via RS485 cable, wireless or a combination. Area controller, Axiom or Commander	AX-WAC
1	2223 43	Control computer	AX-PC	1	6823 70	Accessories	
1	2231 85	Control computer	COM-CIU	1	6823 71	Data cables	
				1	2230 19	Conductor 6 core, flat cable (500m roll)	CAB6C
				1	2010 58	Conductor 10 core, flat cable (200m roll)	CAB10C
						Crimping tool	COM-Crimp
						Commander SPU cable	CABLE-TELE
				1	6823 72	Cable accessories	
				1	6823 73	3 way coupler	T3
				1	6823 74	Coupler 6 core cable	C6C
				1	6823 75	Coupler 10 core cable	C10C
				1	6823 76	6 core modular plug for flat cable	RJ45-6C
				1	6823 77	10 core modular plug for flat cable	RJ45-10C
						Network components	
				1	6823 78	LAN to RS485 converter	UDS10
				1	6823 79	Serial cable for use with UDS10 (9f-25m)	
				1	6823 79	Connector for use with UDS10 (9m-9m)	

NOTE: Axiom control items are also applicable to Commander installations.

A Commander SPU communications cable (Cat No 201058) must be used and ordered separately when installing an Axiom fitting on a Commander network.

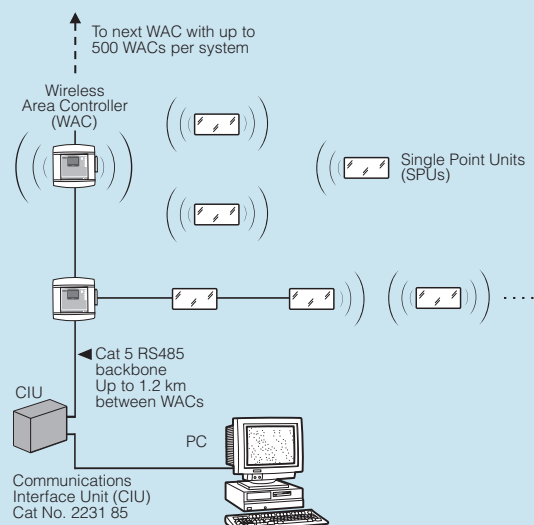
AXIOM installation and WAC dimensions

■ Typical Installation



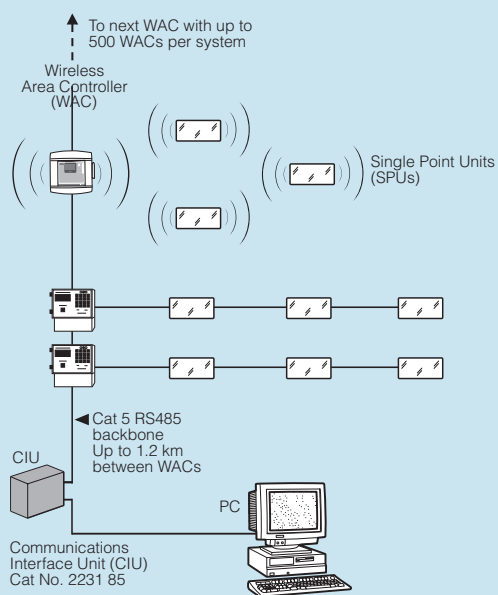
■ Hybrid Installation:

- Where wireless communication is limited

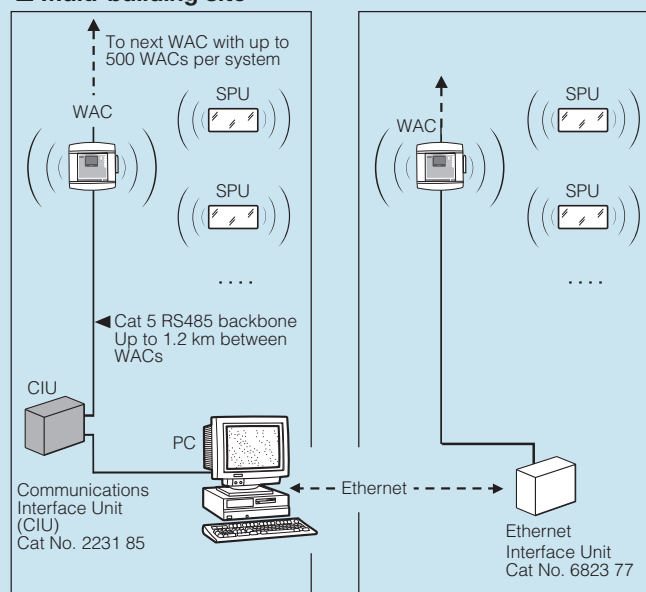


■ Add on Installation:

- Commander / AXIOM
- Extension to existing system

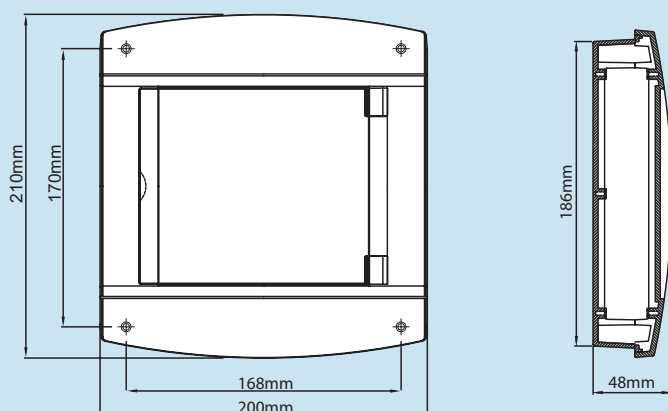


■ Multi-building site



NOTE: See installation & configuration instructions for application advice.

■ WAC dimensions



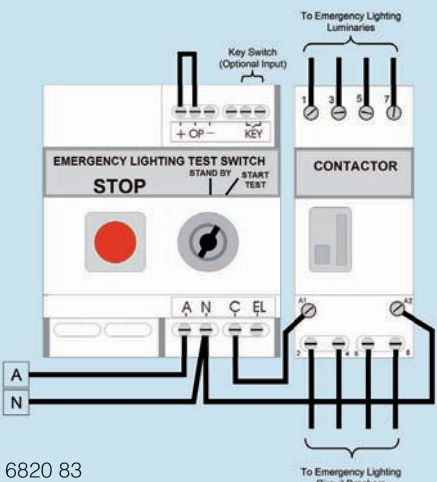
Test switch and circuit sensing module
Conforms to AS2293.1 Section 4



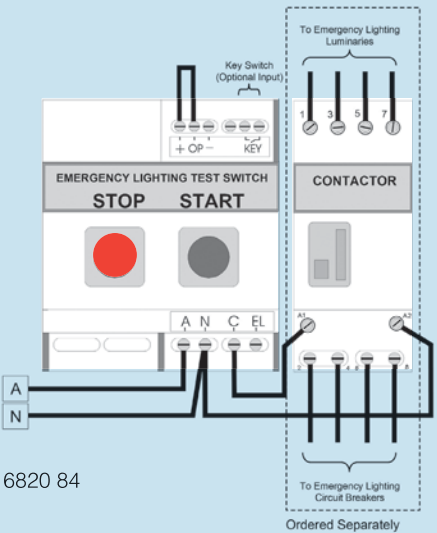
Emergency lighting test switch and sensing module
This unit allows discharge test on emergency lighting installations. Compact and modular components with labelling facility. Key switch to initiate discharge test and test in progress indication. Override test stop function. Time delay can be set for 2h 15min or 2h 45min. A power-up time delay of 10 mins can be set to allow discharge lamps to ignite before turning emergency lights off. Sensing module enables wider activation of emergency lighting circuits in the event of a partial supply failure.

Pack	Cat No.	Test switch (Trade)
1	6820 83	Emergency lighting test switch surface mount Performs discharge test in accordance with AS2293.1 Supplied in 6 DIN rail space enclosure with 4 pole 20A contactor 180mm (W) x 190mm (H) x 85mm (D)
1	6820 84	Test switch (OEM) Emergency lighting test switch DIN mount Performs discharge test in accordance with AS2293.1. Suitable for switch board builders 72mm (W) x 83mm (H) x 66mm (D)
1	6820 85	Circuit sensing module 8 lighting circuit sensing module This module constantly monitors up to 8 circuits and activates the test switch, turning all emergency lights on, if one of the circuits drops out 72mm (W) x 83mm (H) x 66mm (D)
1	6820 86	Accessories Key switch and barrel

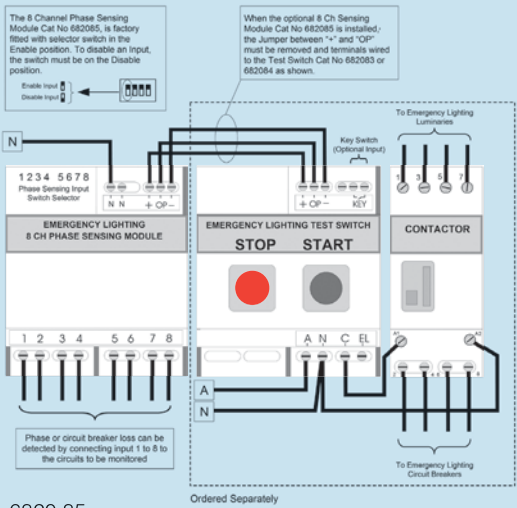
Test switch and circuit sensing module
Conforms to AS2293.1 Section 4



6820 83



6820 84



6820 85

Emergency lighting

Functions and spacing rules

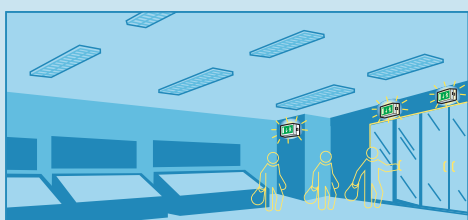
■ The Emergency Escape Luminaires and Exit Signs should be installed according to the spacing rules and specifications stipulated by the Australian Standards AS2293-2005. The type of buildings and areas within buildings requiring the installation of emergency escape lighting are determined by the Building Code of Australia.

Emergency lighting categories and functions

Emergency lighting can be classified into two main categories: Emergency Exit Signs and Emergency Escape Lighting.

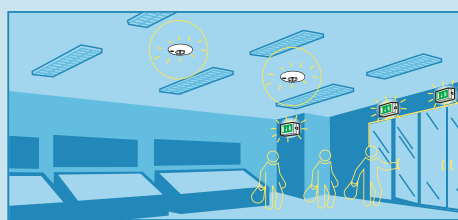
Emergency Exit Signs

Emergency Exit Signs are designed to facilitate the evacuation of occupants in a building by indicating the evacuation path to 'Exit'.



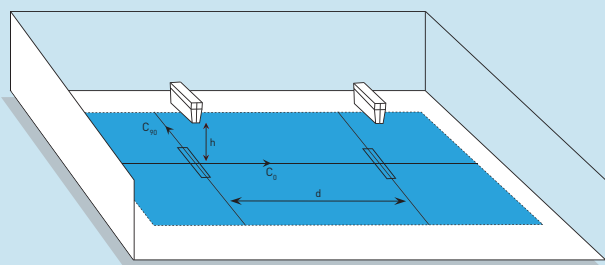
Emergency Escape Lighting

Emergency Escape Lighting provides the lighting to ensure uniform visibility of the egress path for safe evacuation and to minimise the risk of panic.



Spacing rules for Emergency Lighting

Emergency Lighting spacing rule for the distance between luminaires were designed to provide minimum lighting at floor level to ensure uniform visibility of the egress path. The horizontal spacing between adjacent luminaires is dictated by the maximum spacing tables in accordance to the luminaire classification and mounting height. (refer to AS2293.1-2005 section 5.1)



Examples of spacing rules

Catalogue No: 6862 00

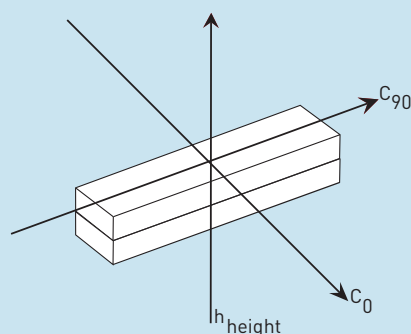
Slide Connect G2

Classification:

C_0 : D3.2

C_{90} : A5

Spacing between luminaires on the C_0 plane is calculated as follows:



1) Luminaire Classification

2) Ceiling Height: $h = 2.4\text{m}$

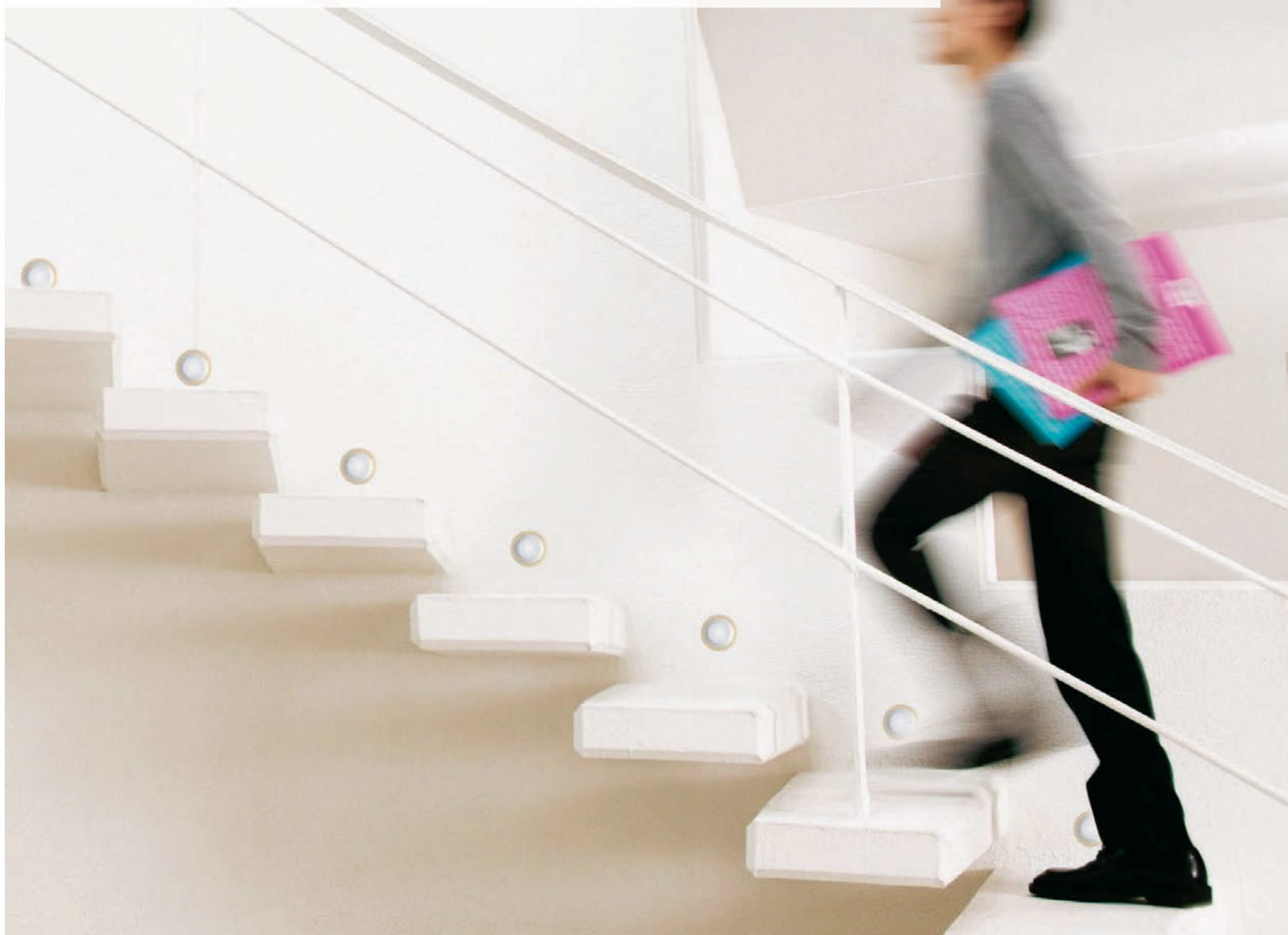
Classification	Mounting height (m)					
	2.3	2.4	2.7	3	3.3	3.6
D2.5	5.8	5.8	5.7	5.6	5.4	5.1
D3.2	6.5	6.6	6.6	6.5	6.4	6.2
D4	7.2	7.3	7.3	7.3	7.3	7.2

3) Spacing between luminaires on the C_0 plane $d = 6.6\text{m}$



Lipso, decorative lighting pilots

Stylish lighting for illuminating safe pathways



Frontal light version



Lateral light version

► Signalling mode

Under normal conditions, a decorative element designed to integrate smoothly into any commercial or residential building

► Safety mode

In the event of a power cut, a light path is created to guide people to the exit, the perfect complement to emergency lighting

Lipso safety lighting pilots

Self-contained units



Self-contained fully back-up lighting pilots
Frontal or lateral lighting
Aluminium colour zamak finish
Class II
Built in power supply direct cabling to 240 V a.c.

LEDs requiring no maintenance as lamp sources:
4 high luminosity long-life colour LEDs (average life time: 100,000 h) for signalling and indicating battery life
3 high luminosity long-life white LEDs for safety lighting

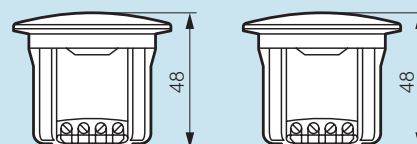
Battery Autonomy: 1 hour
Ni-Cd batteries: 2.4 V - 2/3 AAA
Charging time: 24h
Lumen output: 1.5 lm
Terminals for 2 x 1.5 mm² wires
For installation in their own flush-mounting box, or Ø 60/65 mm box for plasterboard walls

Pack	Cat. No.		Self-contained lighting pilots
			240 V a.c. - 50 Hz
	Lateral lighting	Front lighting	IP 44 - IK 07 White safety lighting, and signalling in:
1	6609 01	6609 11	Blue
1	6609 02	6609 12	White
1	6609 03	6609 13	Red
1	6609 04	6609 14	Green
1	6609 05	6609 15	Amber
			IP 66 - IK 08 White emergency lighting, and signalling in:
1	6609 07	6609 17	Blue
1	6609 06	6609 16	White
Accessories			
10	6609 41		Flush-mounting box (concrete)
1	6609 42		Attachment kit 78 mm x 78 mm
1	6609 44		Decorative round frame Ø 68 mm
1	6609 45		Decorative square frame 68 mm x 68 mm
1	6609 49		Mounting bracket for plaster walls
1	800 51		Flush-mounting box 50 mm depth (plaster)

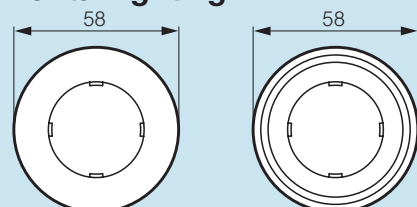
Lipso self-contained emergency lighting pilots

Dimensions

Lipso lateral

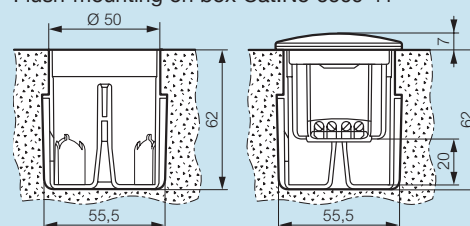


Frontal lighting



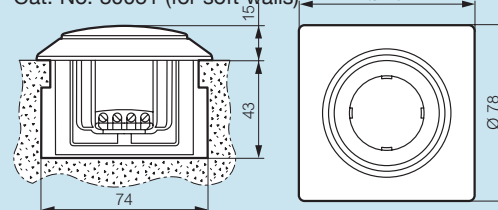
Installation:

Flush-mounting on box Cat.No 6609 41

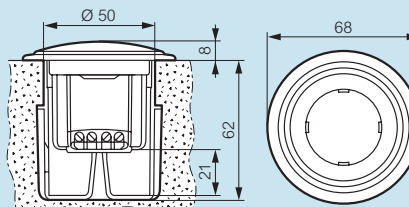


Accessories:

Attachment kit Cat. No. 6609 42 requires flush mounting box Cat. No. 80051 (for soft walls)



Flush-mounting on box Cat.No 6609 41 with round frame Cat.No 6609 44



Flush-mounting on box Cat.No 6609 41 with square frame Cat.No 6609 45

