

**CREATING LIGHT
DEVELOPING THE**

FUTURE





1 BULKHEADS

Bulkheads

Boslux



1.1

Linnox Bulkhead



1.2

Mercian



1.3

Mineproof HID



1.4

Mineproof LED



1.5

Passlight



1.6

Prismalux / Solarlux



1.7

Realta



1.8

Realta Micro



1.9





BOSLUX

The **Boslux** is a rugged general purpose bulkhead with proven performance for demanding industrial applications.



IP65

Class I



Boslux

Specification

- Body - die-cast aluminium (LM6M) pre-treated and powder coated (black)
- Lens - internally prismatic and shock resistant borosilicate glass
- Reflector - powder coated aluminium (white)
- Beam type - symmetrical wide
- Control gear - integral
- Mounting - flush to surface
- Terminal block - fused
- Looping - 2 x 20mm conduit entries allow through wiring
- Maintenance - hinged lens frame assembly for easy access to lamp and control gear

- Removable control gear for workshop servicing

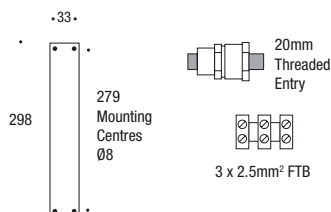
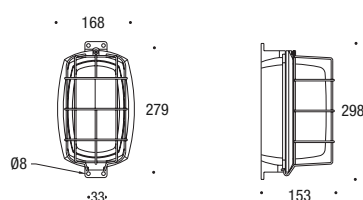
Special Features

- Nylon coated steel wire guard as standard for lens protection
- Aluminium body dissipates heat in high ambient operating conditions
- Mounting holes are outside the gasket line to preserve the IP rating

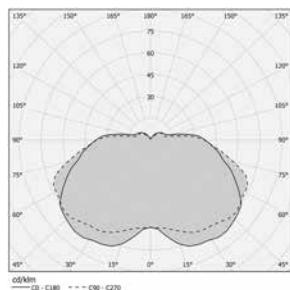
Applications

- Typical industrial applications include tunnels, walkways, public spaces and security areas

Measurements & Weights



Technical Data



45W EYE Cera Arc™ ACE EX

EYE Cera Arc™ ACE EX Characteristics

Product Type	Colour Temp. (K)	Ra	Life (hrs)	Rated (W)	Base	Burning Position	Initial Lumens	Efficacy (lm/W)
CM45FLS/EX/HOR	3,500	75	16,000	45	E27	HOR ±60°	4,100	91

Product Range

	Code	Description	Lamp	Gear	Distribution
CMH	250105	Boslux CML45/L	45W - CM45FLS/EX/HOR	Integral	Symmetrical Wide Beam

^ Operates on approved mercury vapour control gear (IEC 60188).

All fixtures supplied with lamp and 240V(AUS) / 230V(NZ) 50Hz control gear unless otherwise stated.

CMH = Ceramic Metal Halide Lamp.

Pictorial is representative only. Specifications may change without notice.



LINUX BULKHEAD

The **Linux Bulkhead** range of luminaires are made from 316L stainless steel for reliable illumination in demanding locations with chemically aggressive environments.



IP65

IK08 6J

Class I



Linux Bulkhead

Specification

- Body - corrosion resistant stainless steel (316L)
- Fixings - corrosion resistant stainless steel (316)
- Lens - clear toughened safety glass (IK08)
- Reflector - high purity aluminium anodised and polished
- Beam types - symmetrical extra wide (SSD) and asymmetrical (Imax 40°)
- Control gear - integral
- Mounting - corrosion resistant stainless steel mounting bracket (316)
- Electrical connection - IP65 quick connect plug

- Tool free maintenance - removable lamp holder for easy lamp replacement

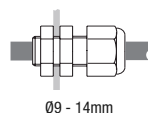
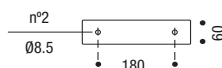
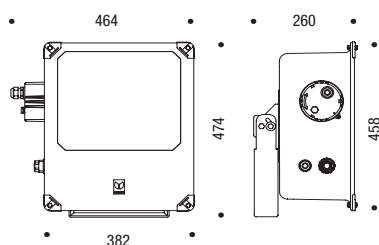
Special Features

- Corrosion resistant materials ideal for demanding locations
- Luminaire remains closed during maintenance protecting the internal optical system against dust

Applications

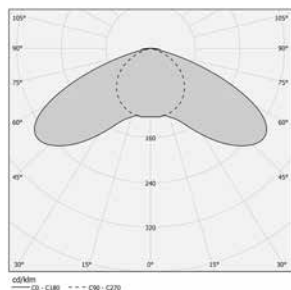
- Well suited to chemically aggressive environments, typical installations include chemical and industrial plants, treatment plants, mines and mineral processing

Measurements & Weights

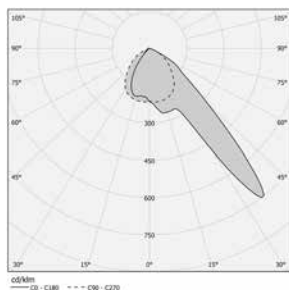


11.6 kg
Max.

Technical Data



250W EYE Cera Arc™ EX - Symmetrical



250W EYE Cera Arc™ EX - Asymmetrical

EYE Cera Arc™ EX Characteristics

Product Type	Colour Temp. (K)	Ra	Life (hrs)	Rated (W)	Base	Burning Position	Initial Lumens	Efficacy (lm/W)
CMT150/EX/HOR	3,500	75	24,000	150	E40	HOR ±45°	17,300	115
CMT250/EX/HOR	3,500	80	24,000	250	E40	HOR ±45°	33,000	132

Product Range

	Code	Description	Lamp	Gear	Distribution
CMH	154730	Linco/SSD CM150EX/L	150W - CMT150/EX/HOR	Integral	Symmetrical Extra Wide Beam
	154740	Linco/A CM150EX/L	150W - CMT150/EX/HOR	Integral	Asymmetrical (Imax 40°)
	154735	Linco/SSD CM250/L	250W - CMT250/EX/HOR	Integral	Symmetrical Extra Wide Beam
	154745	Linco/A CM250/L	250W - CMT250/EX/HOR	Integral	Asymmetrical (Imax 40°)

^ Operates on approved high pressure sodium control gear (IEC 60662).

All fixtures supplied with lamp and 240V(AUS) / 230V(NZ) 50Hz control gear unless otherwise stated.

CMH = Ceramic Metal Halide Lamp.

Pictorial is representative only. Specifications may change without notice.





MERCIAN

The **Mercian** is a high performance wall mounted luminaire designed to achieve wide spacing and features a simple fast-fix mounting system.



IP65

IK10

Class I



Mercian

Specification

- Body - die-cast aluminium (LM24) pre-treated and powder coated (black)
- Fixings - corrosion resistant stainless steel screws
- Lens - internally prismatic and impact resistant polycarbonate
- Reflector - powder coated aluminium (white)
- Beam type - asymmetrical downward throw
- Control gear - integral
- Terminal block - fused
- Mounting - flush to wall with stainless steel fast-fix bracket

- Mounting holes are outside the gasket line to preserve the IP rating
- Maintenance - remove stainless steel fixings to access lamp and control gear

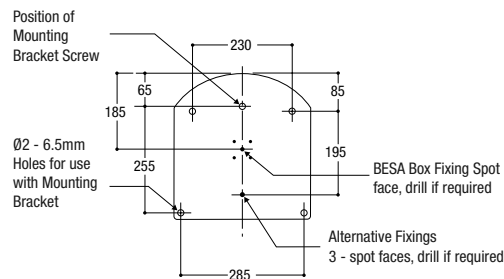
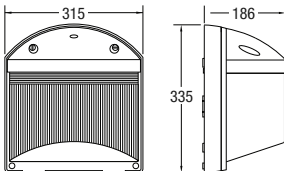
Special Features

- Smooth external surface and construction materials are ideal for use in agri-food industries
- Rigid construction prevents luminaire distortion preserving the IP rating over time
- Spacings up to eight times mounting heights

Applications

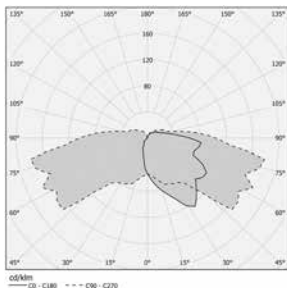
- Typical applications include lighting walk ways and entrance areas, external lighting for industrial premises, educational institutes and hospital/healthcare buildings. It is also ideal for agri-food industries

Measurements & Weights



4.3 kg
Max.

Technical Data



70W EYE Cera Arc™ EX

EYE Cera Arc™ EX Characteristics

Product Type	Colour Temp. (K)	Ra	Life (hrs)	Rated (W)	Base	Burning Position	Initial Lumens	Efficacy (lm/W)
CMT50/EX/U	3,500	75	18,000	50	E27	Universal	5,000	100
CMT70/EX/U	3,500	75	18,000	70	E27	Universal	7,700	110

Product Range

	Code	Description	Lamp	Gear	Distribution
CMH	203610	Mercian CM50/L	50W - CMT50/EX/U	Integral	Asymmetrical Wide Beam Downward Throw
	203655	Mercian CM70/L	70W - CMT70/EX/U	Integral	Asymmetrical Wide Beam Downward Throw

^ Operates on approved high pressure sodium control gear (IEC 60662).

All fixtures supplied with lamp and 240V(AUS) / 230V(NZ) 50Hz control gear unless otherwise stated.

CMH = Ceramic Metal Halide Lamp.

Pictorial is representative only. Specifications may change without notice.





MINEPROOF HID

The **Mineproof HID** is a heavy duty bulkhead designed for use in high temperature adverse environments where corrosion, dirt and water are a concern.



IP68

Class I



Mineproof HID

Specification

- Body - corrosion resistant stainless steel (316L)
- Lens - borosilicate glass cover
- Beam type -symmetrical wide beam
- Control gear - integral
- Surface mount - ceiling
- Installation - 1 x M25 pre-wired plug and socket as standard
- Additional - 3 x M25 plugged entries
- Looping - 4mm² looping capacity via mains terminal block
- Terminal block - fused
- Maintenance - lens retaining ring is secured by stainless steel cord

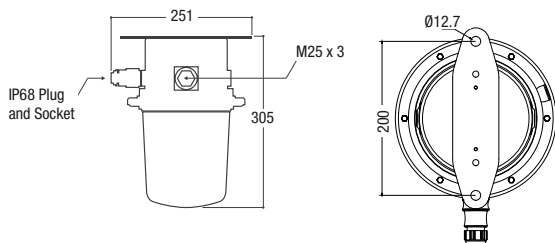
Special Features

- Ideal for high ambient temperatures up to 40°C
- EYE Cera Arc™ lamp delivers bright white light with 110lm/W and long life of 18,000hrs
- EYE Cera Arc™ version allows 360° light output
- Reduced maintenance required with reliable and long life components

Applications

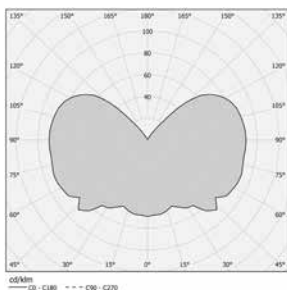
- Ideal for harsh industrial and mining applications, typically conveyor belts, processing plants and any application where corrosive chemicals or salt water is present

Measurements & Weights



5.2 kg
Max.

Technical Data



70W EYE Cera Arc™

EYE Cera Arc™ EX Characteristics

Product Type	Colour Temp. (K)	Ra	Life (hrs)	Rated (W)	Base	Burning Position	Initial Lumens	Efficacy (lm/W)
CMT70/EX/U-I	3,500	75	18,000	70	E27	Universal	7,700	110

Product Range

	Code	Description	Lamp	Gear	Distribution
CMH	186100	Mineproof HID	70W - CMT70/EX/U-I	Integral	Symmetrical Wide Beam

^Operates on approved High Pressure Sodium Control Gear (IEC 60662) less ignitor.

All fixtures supplied with lamp and 240V(AUS) / 230V(NZ) 50Hz control gear unless otherwise stated.

CMH = Ceramic Metal Halide Lamp.

Pictorial is representative only. Specifications may change without notice.



MINEPROOF LED

The **Mineproof LED** is a heavy duty bulkhead designed for use in high temperature adverse environments where corrosion, dirt and water are a concern.



IP68

Class I



LED



Mineproof LED

Specification

- Body - corrosion resistant stainless steel (316L)
- Lens - clear borosilicate glass cover
- Beam type - asymmetrical wide beam
- Driver - integral (ETRC)
- Mounting - wall and pole
- Installation - 1 x M25 pre-wired plug and socket as standard
- Additional - 3 x M25 plugged entries
- Looping - 4mm² looping capacity via mains terminal block
- Terminal block - fused
- Surge Protection - standard

- Maintenance - lens retaining ring is secured by stainless steel cord

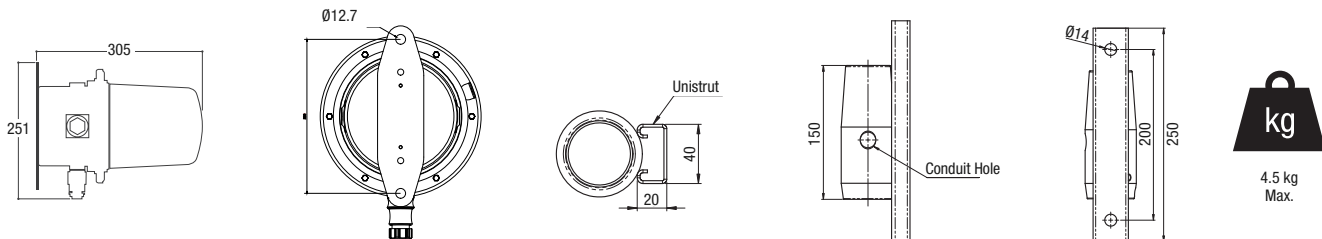
Special Features

- Ideal for ambient temperatures up to 40°C
- Advanced LED optics system for wider spacing
- LED assembly replaceable at end of life, luminaire body replacement is not necessary
- Reduced maintenance required with reliable and long life components
- EMC Compliant - product complies with all provisions set out in AS/NZS CISPR 15:2011

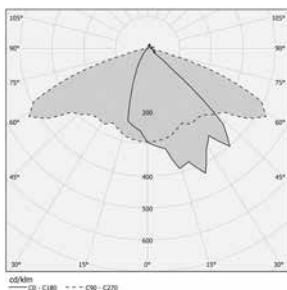
Applications

- Ideal for harsh industrial and mining applications, typically conveyor belts, processing plants and any application where corrosive chemicals or salt water is present

Measurements & Weights



Technical Data



18W LED

LED Characteristics Explanation www.eyelighting.com.au/led-characteristics

Product Type	Colour Temp. (K)	Ra	Life (hrs) L70/B10	P/U	R/Rx	Driver Efficiency (%)	Power Factor	Efficacy (lm/W)
18W LED	4,000	70	50,000	P	R	>85	>0.95	71

Product Range

LED	Code	Description	ℓm	LED	Driver	Distribution	Code	Description
	186200	Mineproof LED	1,500	18W - LED	Integral	Asymmetrical Wide Beam	186190	Pole Mount Bracket

Pictorial is representative only. Specifications may change without notice.



PASSLIGHT

The **Passlight** is a confined area luminaire for demanding industrial, mining and like environments.



IP66

Class I



LED



Passlight

Specification

- Body - die-cast aluminium (LM6M), pre-treated and powder coated (black)
- Lens - internally prismatic borosilicate glass (9mm)
- Reflector - high purity aluminium anodised and polished with mirror finish
- Beam type - asymmetrical wide beam
- Control gear/driver - integral
- Mounting - wall or pole
- Mounting holes are outside the gasket line to preserve the IP rating
- Looping - 2 x 20mm conduit entries allow through wiring
- Terminal block - fused

- Lens frame assembly held captive by stainless steel chains for lamp and control gear access
- Maintenance - removable control gear for workshop servicing

Special Features

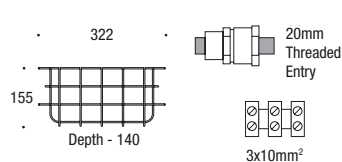
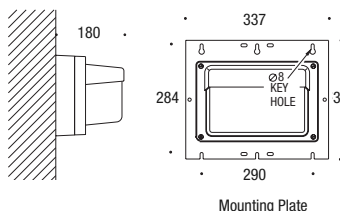
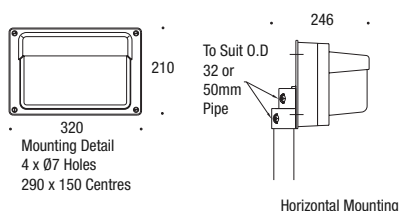
- Aluminium body dissipates heat in high (40°C) ambient operating conditions
- Lens thermally tested for a service life of 15-20 years under normal use
- EMC Compliant - product complies with all provisions set out in AS/NZS CISPR 15:2011

- Nylon coated steel wire guard is available for lens protection
- Stainless steel helicoils prevent the stainless steel threads corroding in the aluminium body

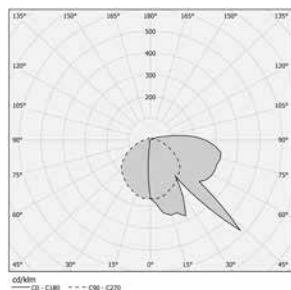
Applications

- Typical applications include illuminating conveyors, mineral processing plants, walkways, footpaths, subways, stairways and security areas

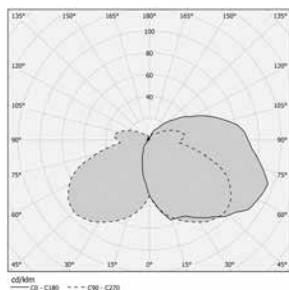
Measurements & Weights



Technical Data



38W LED



115W EYE Cera Arc™ ACE EX

LED Characteristics Explanation www.eyelighting.com.au/led-characteristics

Product Type	Colour Temp. (K)	Ra	Life (hrs) L70/B10	P/U	R/Rx	Driver Efficiency (%)	Power Factor	Efficacy (lm/W)
24W & 38W LED	4,000	70	>60,000	P	R	>85	>0.95	70

EYE Cera Arc™ ACE EX Characteristics

Product Type	Colour Temp. (K)	Ra	Life (hrs)	Rated (W)	Base	Burning Position	Initial Lumens	Efficacy (lm/W)
CM70FLS/EX/HOR	3,500	75	20,000	72	E27	HOR ±60°	7,700	107
CM115FLS/EX/HOR	3,500	75	24,000	115	E27	HOR ±45°	13,800	120

Product Range

Accessories

	Code	Description	ℓm	LED	Driver	Distribution
LED	186350	Passlight LED	1,680	24W - LED	Integral	Asymmetrical Wide Beam
	186360	Passlight LED	2,660	38W - LED	Integral	Asymmetrical Wide Beam

Code	Description
186370	24W LED Retrofit Kit
186380	38W LED Retrofit Kit
507605	Passlight Wire Guard
534060	Borosilicate Glass Lens
250450	Passlight Pole Mount Bracket (Slip Fit Ø32mm & Ø50mm Pipe)
250455	Surface Mount Plate (keyhole fixing for wall or unistrut)
250460	Pole Mount Bracket ('U' bolt Ø50mm)

	Code	Description	Lamp	Gear	Distribution
CMH	250208	Passlight CML70/L	70W - CM70FLS/EX/HOR	Integral	Asymmetrical Wide Beam
	250207	Passlight CML115/L	115W - CM115FLS/EX/HOR	Integral	Asymmetrical Wide Beam
HPS	250240	Passlight S110/L	110W - NH110FLX	Integral	Asymmetrical Wide Beam
MV	250205	Passlight H80/L	80W - HF80PD	Integral	Asymmetrical Wide Beam
	250216	Passlight H125/L	125W - HF125PD	Integral	Asymmetrical Wide Beam

^ Operates on approved mercury vapour control gear (IEC 60188).

HPS	250220	Passlight S70/L	70W - NH70F/HV/70S	Integral	Asymmetrical Wide Beam
	250225	Passlight S70/I/L	70W - NH70F/HV/I	Integral	Asymmetrical Wide Beam

^ Operates on approved high pressure sodium control gear (IEC 60122).

All fixtures supplied with lamp and 240V(AUS) / 230V(NZ) 50Hz control gear unless otherwise stated.

CMH = Ceramic Metal Halide Lamp.

Pictorial is representative only. Specifications may change without notice.





PRISMALUX / SOLARLUX

The **Primalux / Solarlux** are heavy duty bulkhead luminaires designed to operate in extremely dirty and moist conditions.



IP66

Class I



LED

Primalux / Solarlux

Specification

- Body - die-cast aluminium (LM6M) pre-treated and powder coated (black)
- Lens - internally prismatic borosilicate glass (9mm)
- Reflector - powder coated aluminium (white)
- Beam type - symmetrical wide beam
- Control gear/driver - integral
- Terminal block - fused
- Mounting - ideal for ceiling and available for wall or pole
- Mounting holes are outside the gasket line to preserve the IP rating
- Looping - 2 x 20mm conduit entries allow through wiring

- Maintenance - hinged lens frame assembly for easy access to lamp and control gear
- Removable control gear for workshop servicing

Special Features

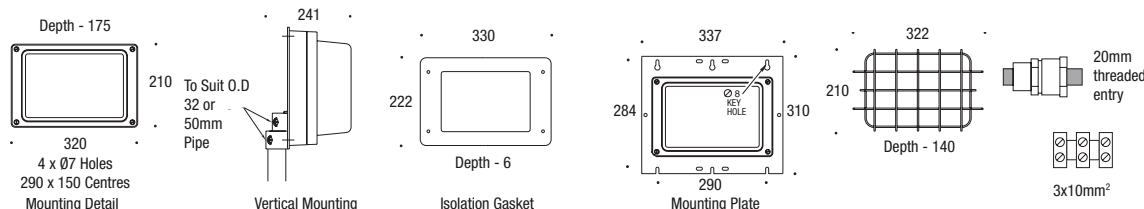
- Thermally tested to ensure a service life of 15-20 years under normal use
- Smooth external surface helps prevent build-up of dirt and debris
- Nylon coated steel wire guard is provided for lens protection
- EMC Compliant - product complies with all provisions set out in AS/NZS CISPR 15:2011

- Aluminium body dissipates heat in high (40°C) ambient operating conditions
- Stainless steel helicoils prevent the stainless steel threads corroding in the aluminium body

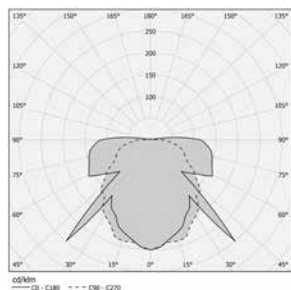
Applications

- Typical industrial applications include illuminating tunnels, walkways, footpaths, subways, stairways and security areas

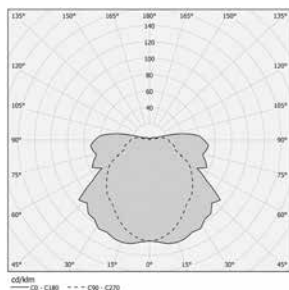
Measurements & Weights



Technical Data



32W LED



115W EYE Cera Arc™ ACE EX

LED (Primalux) Characteristics Explanation www.eyelighting.com.au/led-characteristics

Product Type	Colour Temp. (K)	Ra	Life (hrs) L70/B10	P/U	R/Rx	Driver Efficiency (%)	Power Factor	Efficacy (lm/W)
20W & 32W LED	4,000	70	>60,000	P	R	>85	>0.95	81.5

EYE Cera Arc™ ACE EX (Primalux) Characteristics

Product Type	Colour Temp. (K)	Ra	Life (hrs)	Rated (W)	Base	Burning Position	Initial Lumens	Efficacy (lm/W)
CM70FLS/EX/HOR	3,500	75	20,000	72	E27	HOR ±60°	7,700	107
CM115FLS/EX/HOR	3,500	75	24,000	115	E27	HOR ±45°	13,800	120

Product Range

Accessories

Prismalux

	Code	Description	ℓm	LED	Driver	Distribution
LED	186310	Prismalux LED	1,400	20W - LED	Integral	Symmetrical Wide Beam
	186315	Prismalux LED	2,240	32W - LED	Integral	Symmetrical Wide Beam

	Code	Description	Lamp	Gear	Distribution
CMH	250513	Prismalux CML70/L/G	70W - CM70FLS/EX/HOR	Integral	Symmetrical Wide Beam
	250523	Prismalux CM115/L/G	115W - CM115FLS/EX/HOR	Integral	Symmetrical Wide Beam
MV	250510	Prismalux H80/L/G	80W - HF80PD	Integral	Symmetrical Wide Beam
	250518	Prismalux H125/L/G	125W - HF125PD	Integral	Symmetrical Wide Beam

^ Operates on approved mercury vapour control gear (IEC 60188).

Solarlux

	Code	Description	Lamp	Gear	Distribution
HPS	250620	Solarlux S110/L/G	110W - NH110FLX	Integral	Symmetrical Wide Beam
HPS	250600	Solarlux S70/L/G	70W - NH70F/HV/70S	Integral	Symmetrical Wide Beam
	250605	Solarlux S70/I/L/G	70W - NH70F/HV/I	Integral	Symmetrical Wide Beam

^ Operates on approved high pressure sodium control gear (IEC 60662).

All fixtures supplied with lamp and 240V(AUS) / 230V(NZ) 50Hz control gear unless otherwise stated.

CMH = Ceramic Metal Halide Lamp.

Pictorial is representative only. Specifications may change without notice.

Code	Description
186320	20W - LED Prismalux Retrofit Kit
186325	32W - LED Prismalux Retrofit Kit
507600	Prismalux / Solarlux Steel Wire Guard
534060	Borosilicate Glass Lens
250455	Surface Mount Bracket (keyhole fixing for wall or unistrut)
250460	Pole Mount Bracket ('U' bolt Ø50mm OD)
250570	Prismalux / Solarlux Pole Mount Bracket (slip fit Ø32mm & Ø50mm OD pipe)



REALTA

The **Realta** is a bulkhead luminaire featuring a range of light sources and mounting options with wide asymmetrical light distribution.



IP66

IK10++

Class I



LED



Realta

Specification

- Body - die-cast aluminium (LM2) pre-treated and powder coated (black)
- Fixings - stainless steel
- Lens - polycarbonate
- Reflector - highly specular multi-faceted injection moulded vacuum metallised
- Beam type - wide asymmetrical
- Control gear/driver - integral
- Mounting - wall or pole
- Electrical connection - 20mm conduit entry
- Maintenance - removal of lens to access lamp and control gear

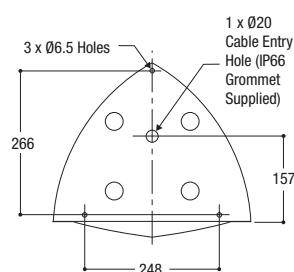
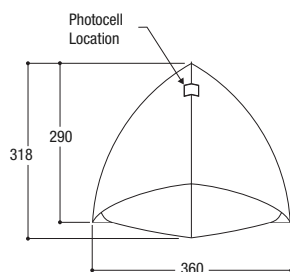
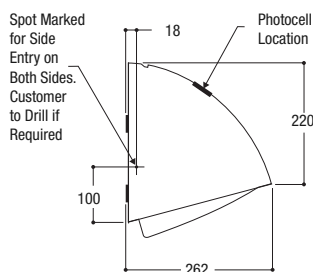
Special Features

- Model options - PE cell available
- Agri-food - polycarbonate lens model suitable for food industry
- Aluminium body dissipates heat in high ambient (40°C) operating conditions
- EMC Compliant - product complies with all provisions set out in AS/NZS CISPR 15:2011

Applications

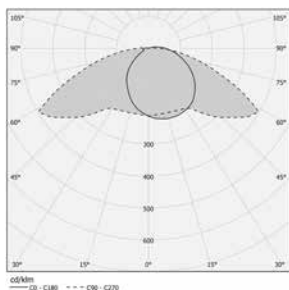
- Typical industrial applications include illuminating tunnels, walkways, footpaths, subways, stairways and external open areas

Measurements & Weights

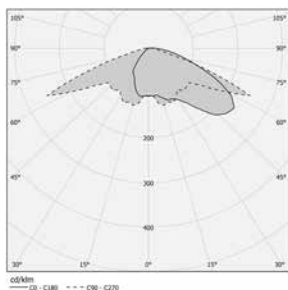


5.5 kg
Max.

Technical Data



18W LED



50W EYE Cera Arc™ EX

LED Characteristics Explanation www.eyelighting.com.au/led-characteristics

Product Type	Colour Temp. (K)	Ra	Life (hrs) L70/B10	P/U	R/Rx	Driver Efficiency (%)	Power Factor	Efficacy (lm/W)
18W LED	5,000	65	60,000	P	R	>85	>0.95	61.9

EYE Cera Arc™ EX Characteristics

Product Type	Colour Temp. (K)	Ra	Life (hrs)	Rated (W)	Base	Burning Position	Initial Lumens	Efficacy (lm/W)
CMT50/EX/U	3,500	75	18,000	50	E27	Universal	5,000	100

Product Range

	Code	Description	ℓm	LED	Gear	Distribution
LED	212320	Realta LED	1,114	18W - LED	Integral	Asymmetrical Wide Beam Downward Throw
	Code	Description	Lamp	Gear	Distribution	
CMH	212165	Realta CM50/L	50W - CMT50/EX/U	Integral	Asymmetrical Wide Beam Downward Throw	

Accessories

Code	Description
212399	Realta Single Luminaire Pole Mount Attachment
212398	Realta Twin Luminaire Pole Mount Attachment
212395	Realta Ø76mm Spigot Adaptor

^ Operates on approved high pressure sodium control gear (IEC 60662).

All fixtures supplied with lamp and 240V(AUS) / 230V(NZ) 50Hz control gear unless otherwise stated.

CMH = Ceramic Metal Halide Lamp.

Pictorial is representative only. Specifications may change without notice.





REALTA MICRO

The **Realta Micro** is a compact luminaire providing efficient lighting through the specially designed precision lens and reflector.



IP66

IK10++

Class I



LED

Realta Micro

Specification

- Body - die-cast aluminium (LM2) pre-treated and powder coated (black)
- Fixings - stainless steel
- Lens - UV stabilised polycarbonate
- Reflector - high reflectance powder coated aluminium (white)
- Beam type - symmetrical narrow
- Driver - integral (ETRC)
- Mounting - wall
- Electrical connection - 20mm conduit entry
- Maintenance - removal of lens to access lamp and control gear

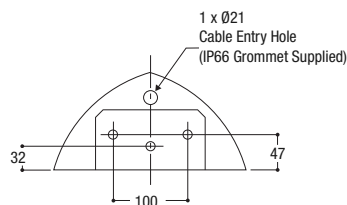
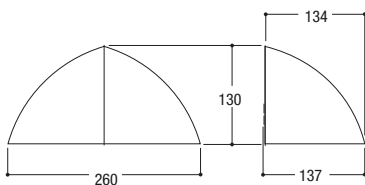
Special Features

- Aluminium body dissipates heat in high ambient (40°C) operating conditions
- EMC Compliant - product complies with all provisions set out in AS/NZS CISPR 15:2011

Applications

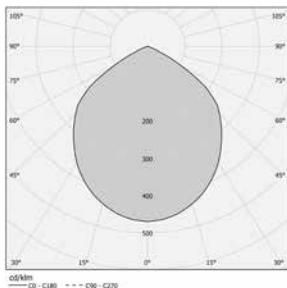
- Typical industrial applications include illuminating doorways and other types of entrances

Measurements & Weights



5.5 kg
Max.

Technical Data



3W LED

LED Characteristics Explanation www.eyelighting.com.au/led-characteristics

Product Type	Colour Temp. (K)	Ra	Life (hrs) L70/B10	P/U	R/Rx	Driver Efficiency (%)	Power Factor	Efficacy (lm/W)
3W LED	6,000	65	60,000	N/A	R	40	0.5	37.8

Product Range

	Code	Description	ℓm	LED	Driver	Distribution
LED	212245	Realta Micro LED	113	3W - LED	Integral	Symmetrical Narrow Beam

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