



Roadway



General purpose security and high performance roadlighting equipment.



Metro
484



Greenstreet®
488



Roadlux
490



Roadmax
491



Roadmaster™
492

Roadway

482



Roadway



ClearLine LED
494



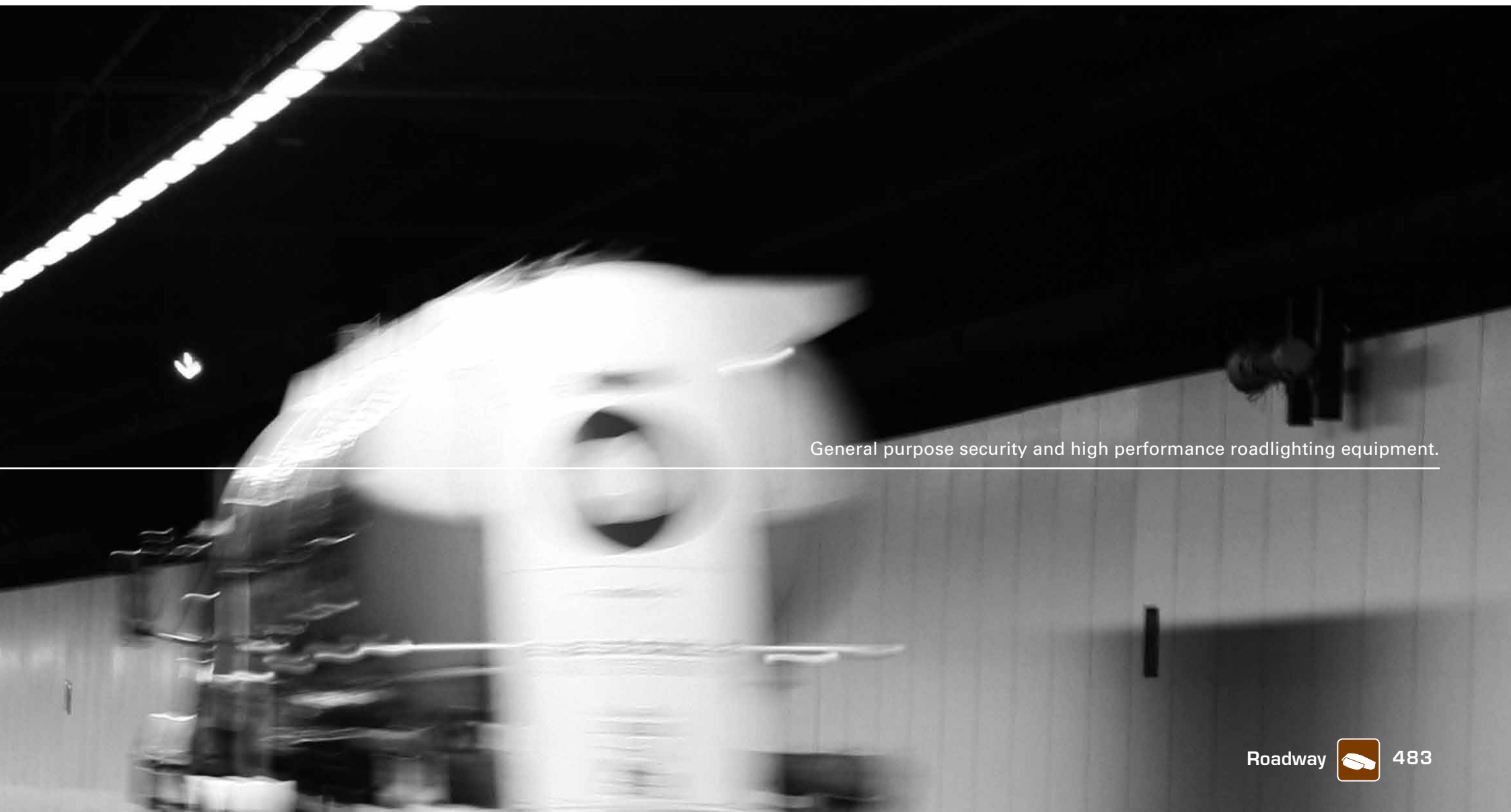
Iridium
496



GMCT
497



Tunnel Master
498



General purpose security and high performance roadlighting equipment.



Metro

A versatile luminaire utilising energy saving lamps to provide efficient illumination for road and security lighting applications.



Specifications

- Glass filled nylon moulded body for strength and durability
- Polycarbonate prismatic diffuser with internal reflector
- Silicone gasket provides weather ingress protection to IP65
- Modular heavy duty gear tray module
- Twist - off diffuser for easy lamp replacement
- HID versions supplied with lamp support spring
- Fits standard Dia. 34mm pipe spigot or the bracket supplied
- Lamps included
- Optional CFL emergency versions with integral controls and battery

PHILIPS



Quick Spec

Philips Metro spigot mounted, GRN body with twist fit polycarbonate diffuser and integral HID or CFL gear.

Design Applications

Minor residential areas, footpaths and parks. Security lighting around industrial areas and public amenities. Ideal for safety lighting around materials handling infrastructure.

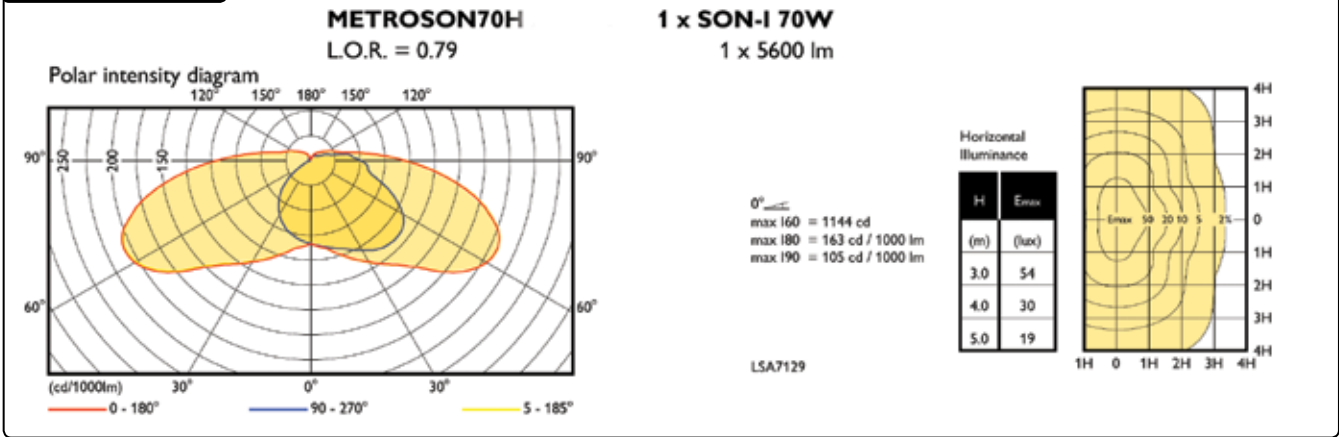
Product Codes

Code	Version	Dim (mm)	Mass (kg)
METROHPLN50H	50W MV	490 x 170 x 180	3.2
METROHPLN80H	80W MV	490 x 170 x 180	3.3
METROMATIC80H	80W MV+PE	490 x 170 x 180	3.3
METROMATICSN	70W HPS-I+PE	490 x 170 x 180	3.3
METROMINE70PH	70W HPS-I+FTB	490 x 170 x 180	3.3
METROMINECDMET	70W CDM-ET+FTB	490 x 170 x 180	3.3
METROMINEP70H	70W HPS-E	490 x 170 x 180	3.3
METROMINEP80H	80W MV+FTB	490 x 170 x 180	3.3
METROPLC18MEL	18W PLC Maintained	490 x 170 x 180	3.0
METROPLC18NM	18W PLC Non-Maintained	490 x 170 x 180	3.0
METROPLT32H	32W PLT	490 x 170 x 180	3.0
METROSON70H	70W HPS-I	490 x 170 x 180	3.3

Accessories

METROBKT 34mm pipe bracket

Performance



IP65

ta40



Optional anti-vibration spring



Simple lamp & gear access



Easy termination





Roadway luminaire utilising proven, energy saving T5 technology combined with a highly efficient optical system.



Specifications

- Prismatic refractor lens system in UV-stabilised acrylic
- High colour rendering T5 lamps provide a visually safe environment
- Precision pressure die-cast aluminium housing with durable powder coat paint finish
- The gear & optical chamber is isolated from the connection box for optimum performance, lamps included
- Four heavy duty stainless steel clips provide positive lens closure
- Electronic control gear module for energy efficiency or DC inverter sets for solar powered installations
- Standard body colour, powder coat RAL 8301 (Grey); other colours to special order
- Continuous silicone gasket around the lens provides secure IP65 weather protection for the optical chamber (IP24 for the cable termination)
- Suits dia. 34mm x 80mm long spigot mount



Quick Spec

Pierlite Greenstreet die-cast aluminium body with acrylic prismatic lens retained with stainless steel clips. Integral electronic control gear and T5 lamps.

Design Applications

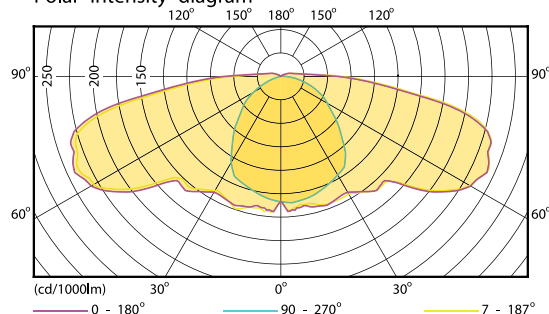
Approved for public road lighting, footpaths, cycleways, carparks, marinas, industrial and civic areas.

Remote sites where solar powered supply has a capital cost advantage.

Performance

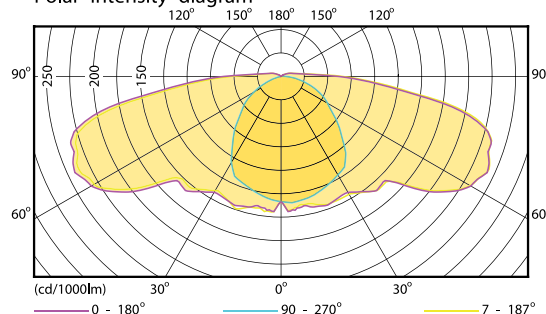
GS214 2 x T5 HE 14W / 840
L.O.R. = 0.81 2 x 1200 lm

Polar intensity diagram



GS224 2 x T5 HO 24W / 840
L.O.R. = 0.81 2 x 1750 lm

Polar intensity diagram



Product Codes

Code	Version	Dim (mm)	Mass (kg)
GS214	2 x 14W T5	710 x 190 x 100	4.0
GS214MI	2 x 14W T5 Solar Invertor	710 x 190 x 100	4.0
GS224	2 x 24W T5	710 x 190 x 100	4.0

Accessories

D2 photoelectric cell option





IP65

ta40

T5

Integral gear

Stainless steel clips



Easy cable termination



Optional PE cell



Optional mounting brackets

Roadlux

Economical minor roadway luminaire utilising T8 fluorescent lamps in tandem, to provide a broad light distribution.



Specifications

- Integral gear housing has a hinged acrylic or polycarbonate dished lens
- Body made from pressure die-cast aluminium LM6 alloy with grey powdercoat paint finish
- Internal hinged gear tray can be easily removed for maintenance
- Stainless steel lens retaining latches combined with a neoprene gasket ensures a positive weatherproof seal
- Optical/control gear compartment has IP54 weather protection
- Can be supplied with integral PE switch
- Optional maintained emergency version available to order
- Lamps included
- Suits a dia. 34mm x 80mm long spigot mount



Quick Spec

Pierlite Roadlux with die-cast aluminium body and hinged acrylic or polycarbonate lens. 2 x 18W Integral gear on removable gear tray.

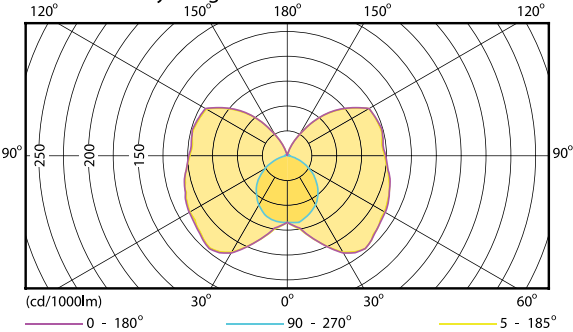
Design Applications

Suitable for minor roads and driveways, marinas, civic areas, general security lighting, public amenities, walkways and industrial applications.

Performance

RDLUXDA218
L.O.R. = 0.72
2 x T8 18W
2 x 1350 lm

Polar intensity diagram



Product Codes

Code	Version	Dim (mm)	Mass (kg)
RDLUXDA218	2x18WT8 Acrylic lens	725 x 102 x 178	5.0
RDLUXDAP218	2x18WT8 with PE cell	725 x 102 x 178	5.0
RDLUXDP218	2x18WT8 Polycarbonate	725 x 102 x 178	5.0
RDLUXDPP218	2x18WT8 with PE cell	725 x 102 x 178	5.0



Max Dim(mm)
725 x 102 x 178



Roadmax

Classic roadway luminaire with contemporary styling and utilising cost effective HID technology with efficient optics.



Specifications

- Single gear and reflector housing made from pressure die-cast LM6 aluminium
- Removable die-cast cover over the gear compartment/spigot entry
- Internal hinged gear tray module with quality E27 porcelain lamp holder, which can be easily removed for maintenance
- Optional hinged, UV stabilised acrylic bowl or flat toughened glass aeroscreen cover
- Heavy duty stainless steel latches provide positive retention of the lamp covers
- Optical compartment has IP54 weather protection and the control gear compartment is rated IP24
- All versions can be supplied with a PE cell under the control gear housing
- Suits a dia. 34mm x 80mm long spigot mounting



Quick Spec

Pierlite Roadmax in die cast LM6 aluminium body with acrylic or glass hinged lens and HID integral gear.

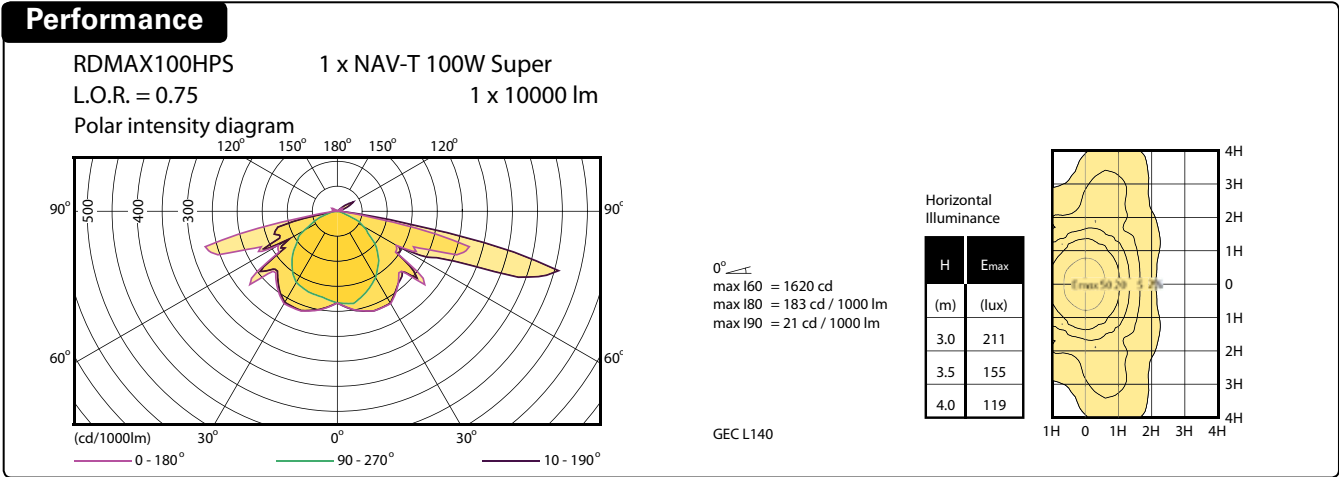
Design Applications

Ideal for residential and collector road lighting, footpaths, cycleways and carparks. Suitable for industrial areas and mining sites.

Product Codes

Code	Version	Dim (mm)	Mass (kg)
RDMAX-70MH	70W MH	490 x 280 x 180	5.0
RDMAX-100HPS	100W HPS	490 x 280 x 180	5.0
RDMAX100MH	100W MH	490 x 280 x 180	5.0
RDMAX70HPS	70W HPS	490 x 280 x 180	5.0

Note: For Aeroscreen glass add 'A' to code example: RDMAXA70MH



IP54/24



Max Dim(mm)
490 x 280 x 180



Roadmaster™

Major roadway luminaire featuring independently sealed lamp and control gear compartments using HID lamp technology.



Specifications

- IP65 rated lamp enclosure with efficient reflector systems
- Clear tough acrylic lens with captive hinged access for relamping
- Adjustable lamp positioning allows for various lighting distributions
- IP65 rated housing with 'no tool', top access cover and modular gear tray reduces on site OH&S issues
- Universal bracket allows for horizontal or vertical mounting with 5° & 10° tilt positions, on a dia. 48mm pipe spigot
- Robust pressure die-cast LM6 aluminium construction with a durable polyester powder coat paint finish
- Lamps included
- Stainless steel lens retention clips and external hardware
- Aeroscreen flat glass and PE cell options available



Quick Spec

Pierlite Roadmaster IP65 die-cast aluminium housing with top access gear cover and hinged lens in acrylic or glass. Integral control gear and adjustable mounting.

Design Applications

The benchmark for all major roadway lighting such as freeways, highways, major junctions and for security lighting or car park applications.

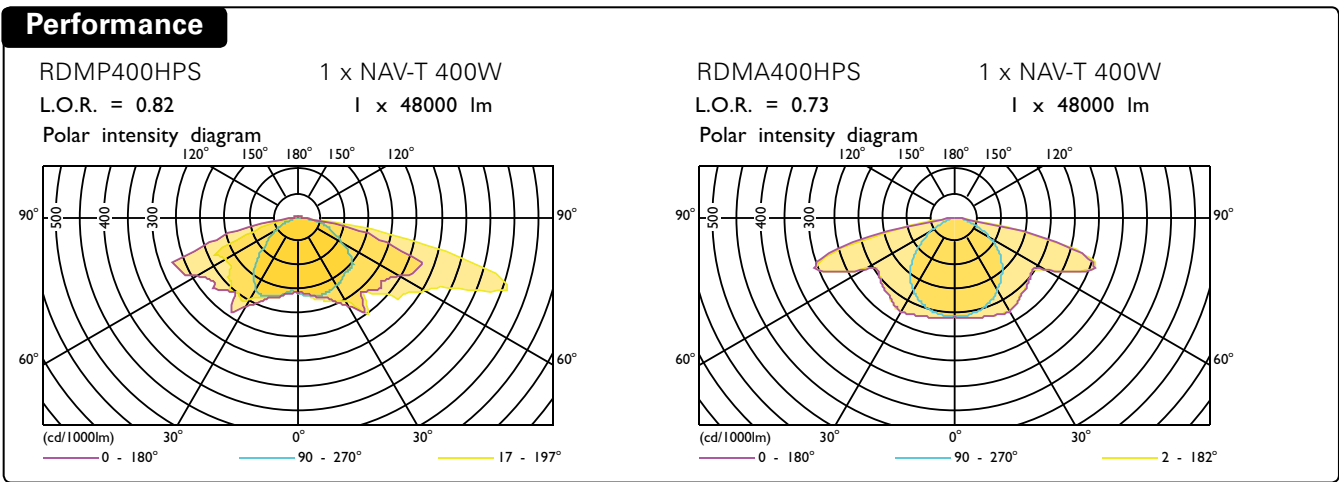
Product Codes

Code	Version	Dim (mm)	Mass (kg)
RDMP140CPO-TW	140W Cosmopolis white	880 x 340 x 240	8.0
RDMP150HPS	150W HPS-T E40	880 x 340 x 240	9.0
RDMP150MH	150W HQI-T E40	880 x 340 x 240	9.0
RDMP250HPS	250W HPS-T E40	880 x 340 x 240	10.0
RDMP250MH	250W HQI-T E40	880 x 340 x 240	10.0
RDMP400HPS	400W HPS-T E40	880 x 340 x 240	11.0
RDMP400MH	400W HQI-T E40	880 x 340 x 240	11.0

Accessories

PE NEMA photoelectric cell

Note: For Aeroscreen glass replace P with A example:
RDMA150HPS



Max Dim(mm)
880 x 340 x 240





Integral gear access



Column rotation



Outreach rotation



ClearLine LED

Innovative and sustainable LED technology with high system efficacy offering energy savings and low maintenance.



Specifications

- LED technology with superior optical design and system efficiency
- Integral dimming function allows up to an additional 50% savings in energy during off peak hours
- Pressure die-cast aluminium housing with attractive two tone grey paint finish
- High quality white light (4000K) with high color consistency. Future-proof and upgradable light engines with easy maintenance
- Tempered curved glass cover with segregated lamp and gear chambers ensure IP66 protection
- Unique asymmetric optical design optimises the lighting distribution for road lighting in terms of uniformity and glare control
- Long system life of 50,000hrs with 70% lumen maintenance and a Ta35°C rating
- Dia. 60mm spigot adaptor allows for side entry or post-top installation



Quick Spec

Philips Clearline LED in die-cast aluminium IP66 housing with glass lens and integral driver. Built in step dimming option and 60mm spigot adaptor.

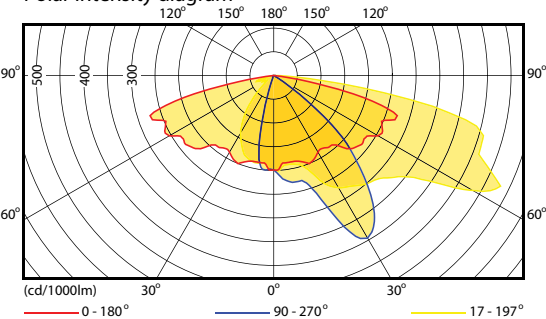
Design Applications

Minor roadways, paths, carparks and area lighting.

Performance

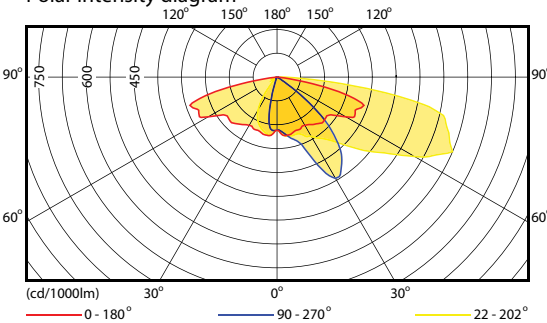
ClearLine60W2#
L.O.R. = 0.71
1 x LED
1 x 5193 lm

Polar intensity diagram



ClearLine120W1#
L.O.R. = 0.76
1 x LED
1 x 10647 lm

Polar intensity diagram



Product Codes

Code	Version	Dim (mm)	Mass (kg)
BBP200	60 LED 4000K 73W	635 x 336 x 93	9.5
BBP210	120 LED 4000K 135W	770 x 420 x 105	13.5



Aluminium housing

Integral gear

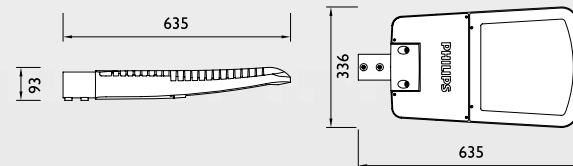


Stainless fasteners

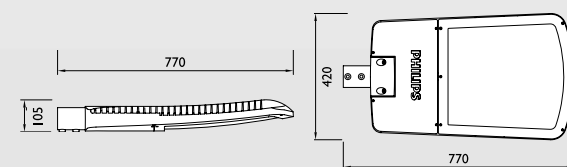
Horizontal or vertical
spigot orientation

60mm Spigot access

Clearline 60W



Clearline 120W



Roadway



495

Iridium

Purpose designed Iridium luminaires combine high performance Cosmopolis lamp systems with modern styling.



Specifications

- Cosmopolis metal halide lamp with electronic gear for energy efficiency and white light visual performance
- Optical design to maximise pole and luminaire spacing
- Two sizes with integrated mounting sockets and optional glass bowl lenses or flat aeroscreen covers
- Constructed in pressure die-cast aluminium alloy with powder coat paint finish (colour RAL7035)
- IP66 rating allows extended maintenance schedules
- Designed for easy installation and quick access for relamping
- Ask for our brochure on the advantages of the Cosmopolis lamp system
- Lamps included
- Horizontal mount to suit Dia. 34 & 40mm spigots or for vertical pole mounting with Dia. 60 & 76mm spigots



Quick Spec

Philips Iridium for the Cosmopolis lamp in die-cast aluminium body with glass visor options, quick release access and modular gear set.

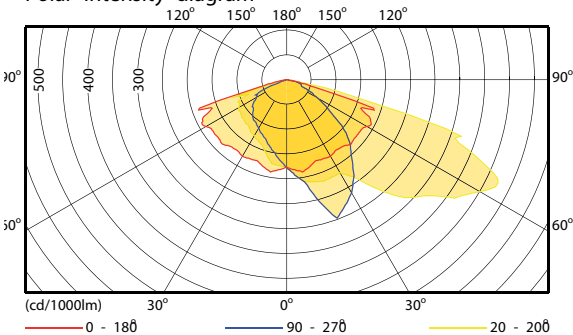
Design Applications

Developed for medium and residential streetlighting as well as major roadways and city centres. Suitable for bike paths, recreational areas and retail precincts.

Performance

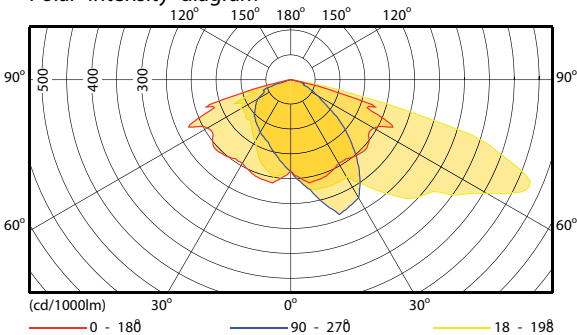
SGS452 P5 1 x CPO-TW60W / 728
L.O.R. = 0.78 1 x 6800 lm

Polar intensity diagram



SGS453 GB P5 1 x CPO-TW140W / 728
L.O.R. = 0.81 1 x 16500 lm

Polar intensity diagram



Product Codes

Code	Version	Dim (mm)	Mass (kg)
Cosmopolis White 60W			
SGS452CCPO-TW60W		650 x 332 x 219	6.2
SGS453CCPO-TW60W		753 x 368 x 224	10.0
Cosmopolis White 140W			
SGS453CCPO-TW140W		753 x 368 x 224	10.0



GMCT

Features a robust construction designed for the arduous environments in traffic tunnels and underpasses.



Specifications

- Pressure die-cast LM6 aluminium body and frame with chromate treatment and powder coat paint finish
- Low profile body shape especially suited for traffic tunnels
- High performance optics offering minimal glare and wide distribution
- Tested and rated for use in 40°C ambient temperatures
- IP65 rating for extended maintenance and service life
- Tempered clear glass cover with quick release clips allow for fast lamp replacement
- Mounting bracket can be customised for specific projects
- Optional external junction box for easy installation



Quick Spec

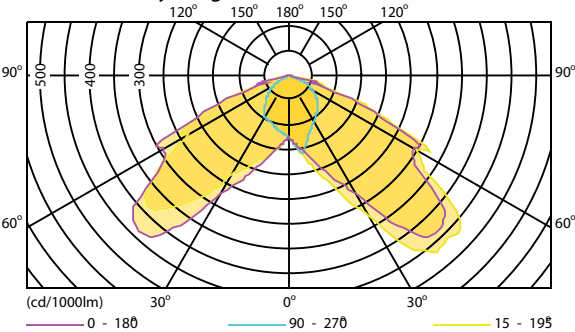
Pierlite GMCT in die-cast LM6 aluminium body with framed glass visor, quick release access clips and integral HID gear. Standard surface mount bracket.

Design Applications

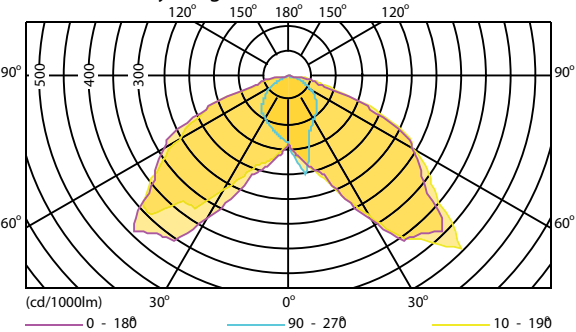
For roof or wall mounting in tunnels, subways and underpasses or around mine sites and processing refineries.

Performance

GMCT250HPS 1 x NAV-T 250W
L.O.R. = 0.84 1 x 33000 lm
Polar intensity diagram



GMCT400HPS 1 x NAV-T 400W
L.O.R. = 0.83 1 x 55000 lm
Polar intensity diagram



Product Codes

Code	Version	Dim (mm)	Mass (kg)
GMCT150HPS	150W HPS	500 x 436 x 170	14.0
GMCT150MH	150W MH	500 x 436 x 170	14.0
GMCT250HPS	250W HPS	500 x 436 x 170	15.0
GMCT250MH	250W MH	500 x 436 x 170	15.0
GMCT400HPS	400W HPS	500 x 436 x 170	16.0
GMCT400MH	400W MH	500 x 436 x 170	16.0



Max Dim(mm)
500 x 436 x 170



Tunnel Master

Professional tunnel lighting fixture, designed for HID lamps in combination with high performance optics.



Specifications

- Precision die-cast LM6 aluminium housing and frame with a durable epoxy based powdercoat paint finish
- Low profile body form with heat dissipating fins for optimum thermal management
- Rated for use in ambient temperatures up to 40°C, with IP65 protection
- Toughened 5mm thick, clear glass visor sealed and cushioned in to the access frame
- Wide beam optical reflector provides high performance and minimal glare
- Frame is secured with quick access clips for easy maintenance
- Two M25 glanded cable entries allow for through wiring
- Supplied standard with twin adjustable trunnion brackets or with a project specific mounting system



Quick Spec

Pierlite Tunnel Master in die-cast LM6 aluminium body with framed glass visor, quick access clips and modular HID gear tray. Brackets to suit project.

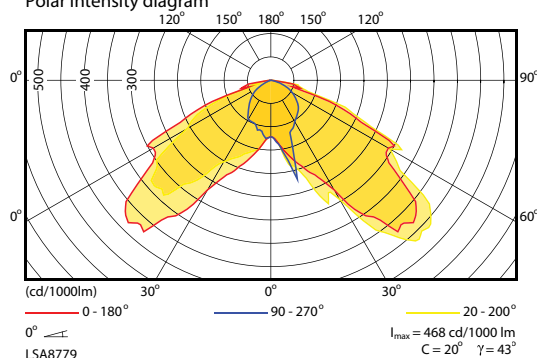
Design Applications

Designed for roof or wall mounting in road tunnels, subways and underpasses or mine entrances.

Performance

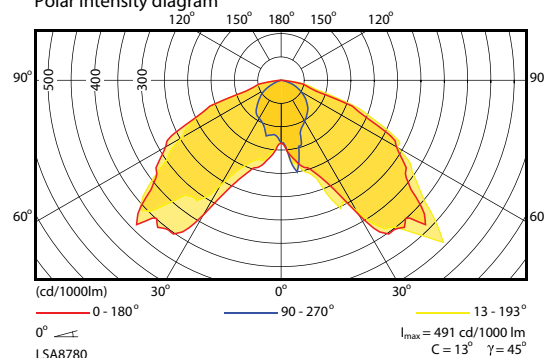
TMR250S2N1BR 1 x NAV-T 250W SUPER 4Y E40
L.O.R. = 0.84 1 x 33200 lm

Polar intensity diagram



TMR400S2N1BR 1 x NAV-T 400W SUPER 4Y E40
L.O.R. = 0.83 1 x 56500 lm

Polar intensity diagram



Product Codes

Code	Version	Dim (mm)	Mass (kg)
TMR150H2N1BR	150W MH Tubular	557 x 507 x 210	15.0
TMR150S2N1BR	150W HPS Tubular	557 x 507 x 210	15.0
TMR250H2N1BR	250W MH Tubular	557 x 507 x 210	16.0
TMR250S2N1BR	250W HPS Tubular	557 x 507 x 210	16.0
TMR400H2N1BR	400W MH Tubular	557 x 507 x 210	17.0
TMR400S2N1BR	400W HPS Tubular	557 x 507 x 210	17.0



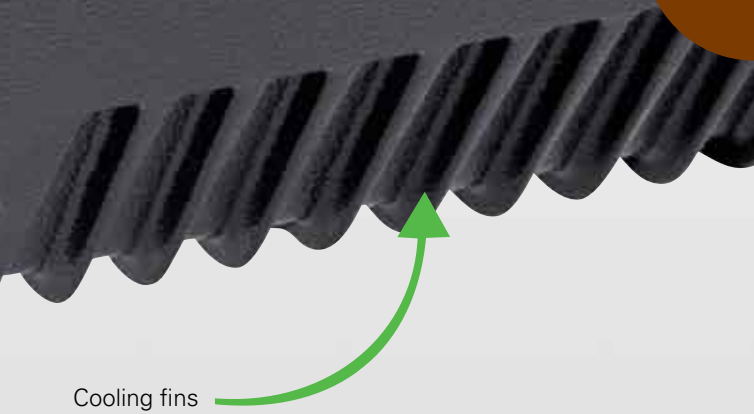
IP65



Secure clip action



Internal gear



Cooling fins