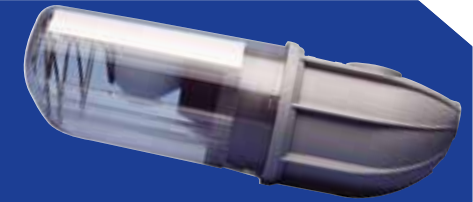


Metro

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



PHILIPS

Features

- 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

Applications

For general illumination of minor residential streets, footpaths and parks. Security lighting around industrial areas, public amenities and housing projects. Ideal for general lighting around mining infrastructure such as conveyors and gantries.

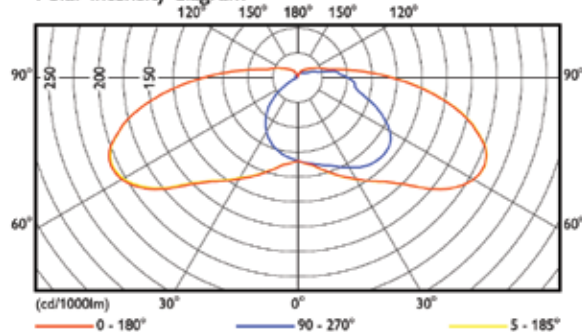


Technical

METROSON70H
L.O.R. = 0.79

1 x SON-I 70W
1 x 5600 lm

Polar intensity diagram

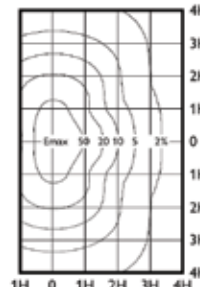


0°
max 160 = 1144 cd
max 180 = 163 cd / 1000 lm
max 190 = 105 cd / 1000 lm

LSA7129

Horizontal
Illuminance

H	E _{max}
(m)	(lux)
3.0	54
4.0	30
5.0	19



Product Codes

Code	Version
METROPLT32H	32W PLT
METROHPLN50H	50W MV
METROHPLN80H	80W MV
METROSON70H	70W HPS-I
METROMINECDMET	70W CDM-ET+FTB
METROMINEP80H	80W MV+FTB
METROMINE70PH	70W HPS-I+FTB
METROMATIC80H	80W MV+PE
METROMATICSN	70W HPS-I+PE
Emergency	
METROPLC18NM	18W PLC NON-MAINTAINED
METROPLC18MEL	18W PLC MAINTAINED
Accessories	
METROBKT	34mm pipe bracket



400 Roadway



IP65



3.3kg

Max. Mass

Max Dim(mm)
490 x 170 x 180



ta40

PIERLITE
professional lighting solutions

Roadlux

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



Features

- Integral gear housing has a hinged acrylic or polycarbonate dished lens
- Body made from pressure die-cast aluminium alloy
- Internal hinged gear tray can be easily removed for maintenance
- Two 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
- Lamps included
- Suits a dia. 34mm x 80mm long spigot mount

Applications

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

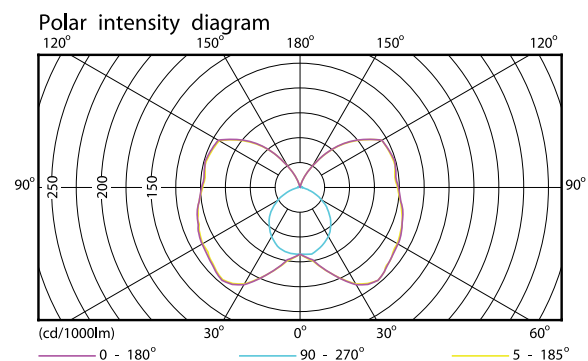
Technical

RDLUXDA218

L.O.R. = 0.72

2 x T8 18W

2 x 1350 lm



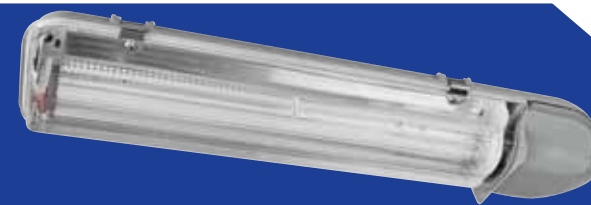
Product Codes

Code	Version
RDLUXDA218	2x18W T8 Acrylic lens
RDLUXDAP218	2x18W T8 with PE cell
RDLUXDP218	2x18W T8 Polycarbonate
RDLUXDPP218	2x18W T8 with PE cell



Greenstreet™

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



Features

- Prismatic refractor lens system in UV-stabilised acrylic or polycarbonate
- High colour rendering T5 lamps provide a visually safe environment
- Precision pressure die-cast aluminium housing with durable grey powder coat paint finish
- The gear & optical chamber is isolated from the connection box for optimum performance
- 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

- Lamps included
- Standard body colour, powder coat RAL 830I (Grey)
- 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

Applications

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

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



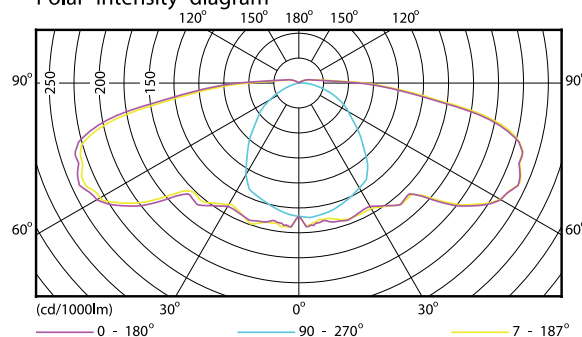
Secure clip action



Technical

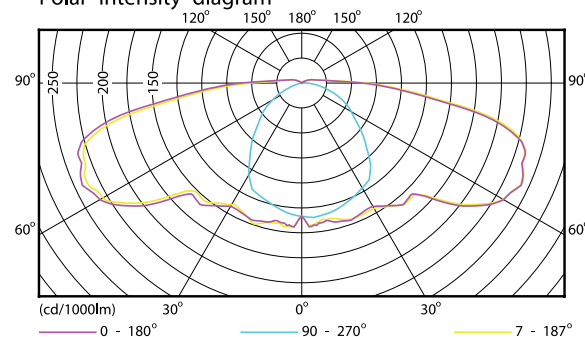
GS214 2 x T5 HE 14W / 840
L.O.R. = 0.81 2 x 1200 lm

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
GS214	2 x 14W T5
GS224	2 x 24W T5
GS214MI	2 x 14W T5 Solar Inverter

Accessories

D2 photoelectric cell option



402 Roadway

IP65/24



Max Dim(mm)
710 x 190 x 100





Roadsafe

The compact Roadsafe is a light weight, die-formed luminaire designed for use with smaller HID lamps.



Features

- The integrated housing has a high impact acrylic, UV stabilised cover
- Body is made from a single piece pressed aluminium shell supported by a cast aluminium spigot adaptor
- Processed aluminium finish
- Internal hinged gear tray with a quality E27 porcelain lamp holder, can be easily removed for maintenance
- Clear cover is hinged from the body and secured by a stainless steel latch
- The optic and control gear compartment is IP54 weather protected
- Lamps included
- Suits dia. 34mm spigot mount
- Alternative adaptor versions with integrated type D2, PE switch mounted under the spigot entry

Applications

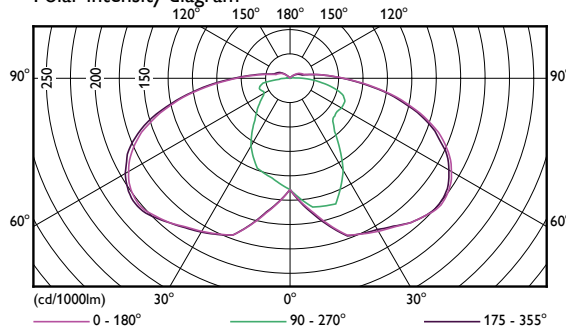
Roadsafe is designed for minor road lighting, footpaths, cycleways, ramps and footbridges. Ideal for general lighting around mining and industrial sites.



Technical

RDSFE70HPS **1 x HPS-EC 70W**
L.O.R. = 0.76 1 x 5600 lm

Polar intensity diagram

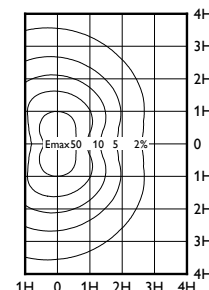


0°
max 160 = 1109 cd
max 180 = 123 cd / 1000 lm
max 190 = 62 cd / 1000 lm

GEC L94

Horizontal
Illuminance

H (m)	E _{max} (lux)
3.0	88
3.5	65
4.0	49



Product Codes

Code	Version
Metal Halide (Elliptical)	
RDSFE-50MH	50W
RDSFE-70MH	70W
High Pressure Sodium (Elliptical)	
RDSFE-50HPS	50W
RDSFE-70HPS	70W



404 Roadway



IP54



4.0kg

Max. Mass

Max Dim(mm)
710 x 190 x 100



ta40

PIERLITE
professional lighting solutions

Roadmax

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



Features

- Single gear and reflector housing made from pressure die-cast aluminium with processed finish
- 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
- Two 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

Applications

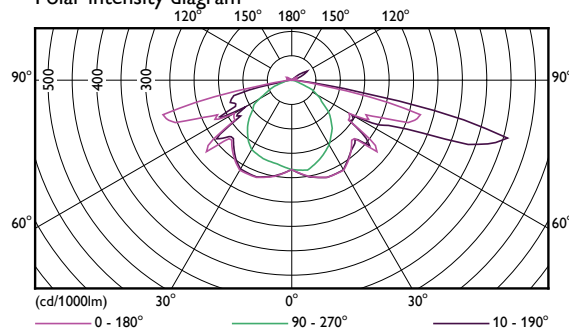
Ideal for residential and collector road lighting, footpaths, cycleways and car parks. Suitable for industrial areas and mining sites.



Technical

RDMAX100HPS 1 x NAV-T 100W Super
L.O.R. = 0.75 1 x 10000 lm

Polar intensity diagram

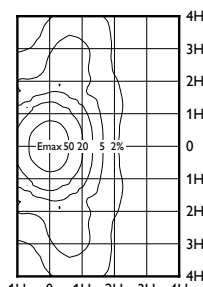


0°
max 160 = 1620 cd
max 180 = 183 cd / 1000 lm
max 190 = 21 cd / 1000 lm

GEC L140

Horizontal Illuminance

H (m)	E _{max} (lux)
3.0	211
3.5	155
4.0	119



Product Codes

Code	Version
Metal Halide (Elliptical)	
RDMAX-70MH	70W
RDMAX-100MH	100W
High Pressure Sodium (Elliptical)	
RDMAX-70HPS	70W
RDMAX-100HPS	100W

Note: Acrylic Dished Bowl will be supplied unless prefix 'RDMAX' is replaced by 'RDMAXA' for Aeroscreen Flat Glass



Roadmaster™

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



Features

- 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 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

Applications

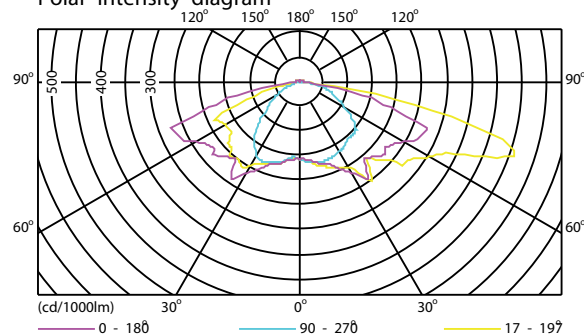
The benchmark for all major roadway lighting such as freeways, highways, major junctions and for security lighting or car park applications.



Technical

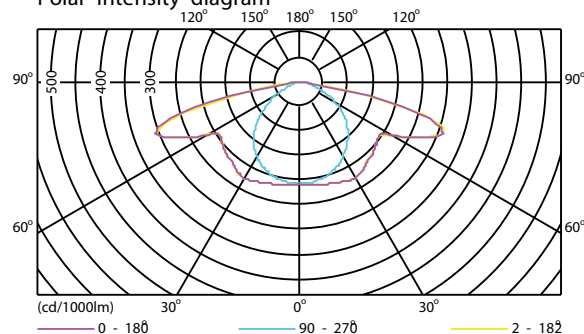
RDMP400HPS 1 x NAV-T 400W
L.O.R. = 0.82 1 x 48000 lm

Polar intensity diagram



RDMA400HPS 1 x NAV-T 400W
L.O.R. = 0.73 1 x 48000 lm

Polar intensity diagram



Product Codes

Code	Version
RDMP140CPO-TW	140W Cosmopolis white
RDMP150MH	150W HQI-T E40
RDMP250MH	250W HQI-T E40
RDMP400MH	400W HQI-T E40
RDMP150HPS	150W HPS-T E40
RDMP250HPS	250W HPS-T E40
RDMP400HPS	400W HPS-T E40
Change "P" to "A" in code for Aeroscreen flat glass e.g. RDMA400HPS	

Accessories

PE NEMA photoelectric cell



406 Roadway



IP65



Max. Mass

Max Dim(mm)
880 x 340 x 240



ta40





Integral gear access



Column rotation

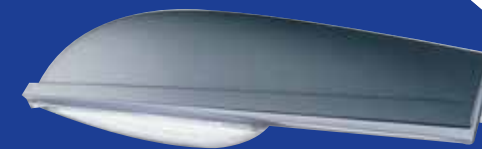


Outreach rotation



Iridium

The purpose designed Iridium luminaires combine the high performance Cosmopolis lamp system with contemporary styling.



PHILIPS

Features

- 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

Applications

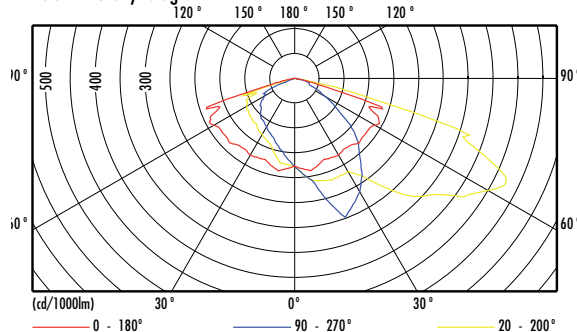
Developed for medium and residential streetlighting as well as major roadways and city centres. Suitable for bike paths, recreational areas and retail precincts.



Technical

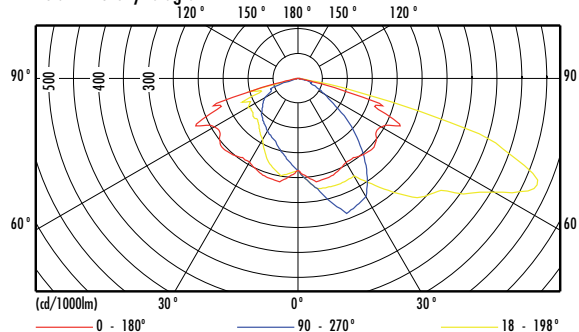
SGS452 P5 1 x CPO-TW60W / 728
L.O.R. = 0.78 1 x 6800 lm

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
SGS452CCPO-TW60W	Cosmopolis White 60W
SGS453CCPO-TW60W	Cosmopolis White 60W
SGS453CCPO-TW140W	Cosmopolis White 140W



408 Roadway



IP66



9.0kg

Max. Mass

Max Dim(mm)
650 x 332 x 219
753 x 368 x 224



ta40



PIERLITE
professional lighting solutions

GMCT

A luminaire featuring a robust construction especially designed for the arduous environments found in traffic tunnels and underpasses.



Features

- Pressure die-cast aluminium body and frame with chromate treatment and epoxy 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

Applications

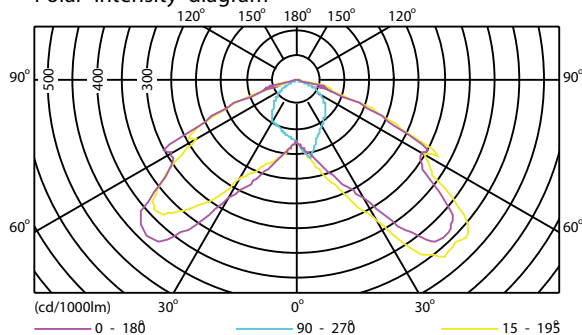
For roof or wall mounting in tunnels, subways and underpasses or around mine sites and processing refineries.



Technical

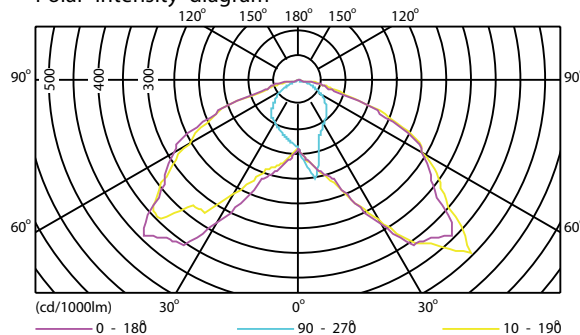
GMCT250HPS 1 x NAV-T 250W
L.O.R. = 0.84 1 x 33000 lm

Polar intensity diagram



GMCT400MH 1 x NAV-T 400W
L.O.R. = 0.83 1 x 55000 lm

Polar intensity diagram



Product Codes

Code	Version
GMCT150HPS	150W HPS
GMCT250HPS	250W HPS
GMCT400HPS	400W HPS
GMCT150MH	150W Metal Halide
GMCT250MH	250W Metal Halide
GMCT400MH	400W Metal Halide

