

# gladiator®

## applications

- Car parks
- Public areas
- Precincts
- Shopping malls
- Promenades
- Roadways

The top hemispherical reflector of Gladiator® holds the solution to many exterior lighting problems by reducing upward light, increasing downward light and providing an attractive feature that can be colour customised to blend into specific themes. The lower hemisphere of the luminaire is a precisely moulded prismatic refractor which directs light exactly where it is needed in a controlled symmetrical distribution, allowing wide spacings between luminaires whilst maintaining high uniformity. Lamp obscuration is excellent, with total uniformity of brightness.



**features and benefits**

- Top hemispherical reflector
  - > 'Night time friendly'
- Precise prismatic control
  - > Maximum efficiency & low glare
- Choice of lamp types
  - > Versatility
- Unique mounting system
  - > Easy installation without visible fixings

**lamp types included**

- 100W - 150W metal halide
- 70W - 250W high pressure sodium

**IP rating**IP65 **approvals**

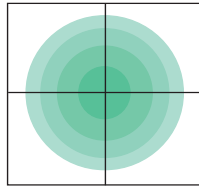
Complies with EN60598

**CE**

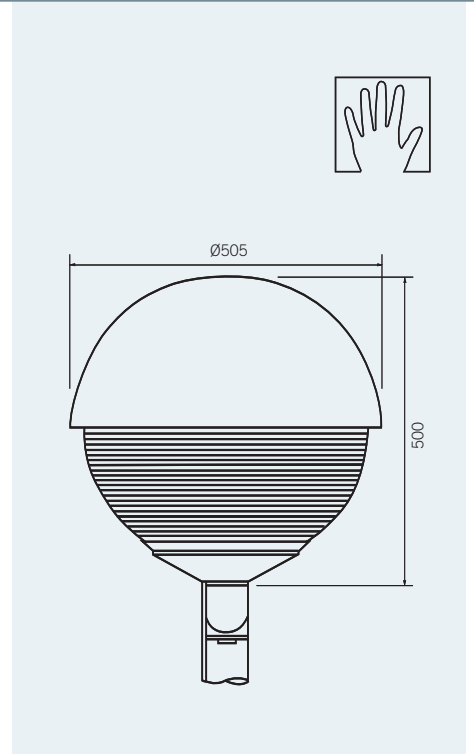
**specification**

The luminaire shall consist of a conical die-cast aluminium gear housing and mild steel gear tray to accommodate integral or remote control gear to suit a wide choice of high intensity discharge lamps. The housing shall be secured to the column/bracket by a wedgelock clamping assembly fixed to its underside, suitable for 76mm outer diameter columns. The optical assembly shall consist of a prismatic polycarbonate 450mm diameter sphere with an upper hemispherical anodised aluminium reflector to minimise upward light. The enclosure shall be secured to the spigot housing by three screws and a closed cell resilient gasket ensuring an IP rating of 65. The luminaire shall be suitable for a range of bracketry and columns to suit and complies with EN60598 with a wide choice of options and accessories.

**light distribution**



Photometric data is available at [www.holophane.eu.com](http://www.holophane.eu.com)



**weights & thermal data**

Lamp Type	Weight (kg)		Min Operating Temperature (°C)	Max Ambient Temperature* (°C)	
	Integral	Remote		Integral	Remote
70W High Pressure Sodium	9.0	7.5	-30	65	65
100W High Pressure Sodium	9.5	7.5	-30	40	60
150W High Pressure Sodium	10.5	7.5	-30	35	50
250W High Pressure Sodium	10.5	7.5	-30	30	35
100W Metal Halide	9.5	7.5	-20	40	60
150W Metal Halide	10.5	7.5	-20	35	50

\* The maximum ambient temperatures stated are for exterior use only. For interior use deduct 10°C from the temperature stated.

windage

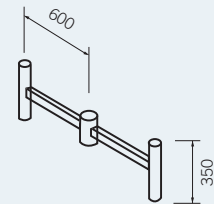
Code

Gladiator	0.2m <sup>2</sup>
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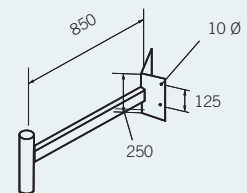
Standard brackets are manufactured from mild steel, etched primed and finished in textured black, powder coat and stoved. All bracket combinations are supplied complete with suitable fixing kits.



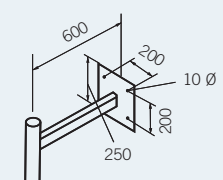
bracket details



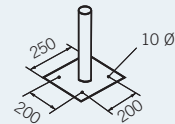
Twin Head Bracket



HEL.CCB - Corner Bracket



HEL.CWB - Wall Bracket



HEL.CRB - Roof Bracket



## ordering details : luminaire

## Code

<b>Code</b>	Gladiator		
<b>Code</b>	<b>Lamp Type</b>		
.70XT	70W Clear high output HPS lamp (E27) base		
.100XT	100W Clear high output HPS lamp (E40) base		
.150XT	150W Clear high output HPS lamp (E40) base		
.250XT	250W Clear high output HPS lamp (E40) base		
.100CDMT3	Clear CDM-T 3000K metal halide lamp (E40) base		
.150CDMT3	Clear CDM-T 3000K metal halide lamp (E40) base		
<b>Code</b>	<b>Top Hemisphere &amp; Base Colour</b>		
.C1	White (RAL 9016)		
.C4	Graphite (RAL 7011)		
.C6	Grey (RAL 7035)		
.C7	Black (RAL 9005)		
.C9	Metallic Silver (RAL 9006)		
.RAL****	RAL colour (customer choice)*		
<b>Code</b>	<b>Options</b>		
.6WA	60mm Wedgelock Assembly		
.C	Enhanced Paint Finish		
.R1	Remote Gear Version		
.T	Photocell (Factory Fitted)		
<b>Example</b>	NGLD	.150XT	.C9
			.C

\*Please specify RAL colour reference. Note: Other voltages available on request, timed ignitors as specials available on request. Note: Maximum distance between remote control gear and lamp is 20m. The cable must have a load capacitance of approx. 75pF/m or less.

## luminaire accessories

order separately for on-site installation by others

## Code

<b>CAR.S1</b>	180° Back Shield
<b>CAR.TC70</b>	Photocell (Retro-fit)
<b>HEL.CWB</b>	Wall bracket
<b>HEL.CCB</b>	Corner bracket
<b>HEL.CRB</b>	Roof bracket



CAR.S1 180° back light shield