

# grosvenor®

## applications

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

Grosvenor® has been designed to comply with 'Night Time Friendly' requirements, limiting any upward light whilst providing downward illumination exactly where it is required. A combination of a borosilicate glass prismatic refractor and top hemispherical reflector provides accurate light control and optimum performance and allows wide spacings between columns for total flexibility, two distribution types are available, asymmetric and symmetrical, together with optional 180° shields to prevent backwards light when necessary.



**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**

IP659 

**approvals**

Complies with EN60598

**CE**

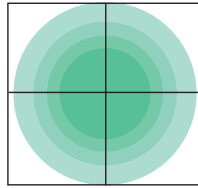


**specification**

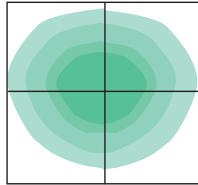
The luminaire shall consist of a conical die-cast aluminium gear housing and mild steel gear housing and mild steel gear tray to accommodate integral or remote control gear to suit a wide choice of high intensity discharge lamps. The housing shall be secured to the column/bracket by a wedgelock clamping assembly fixed to its underside suitable for 76mm outer diameter columns. The optical assembly shall consist of a choice of borosilicate prismatic glass refractors enclosed within a polycarbonate 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 659 is maintained. The luminaire shall be suitable for a range of bracketry and columns to comply with EN60598 with a wide choice of options and accessories.

**light distributions**

Symmetric (.SQ)



Asymmetric (.AY)

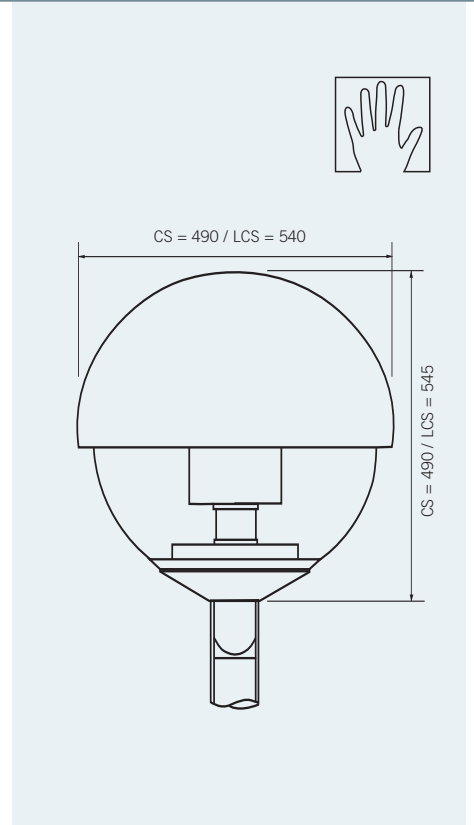


Photometric data is available at [www.holophane.eu.com](http://www.holophane.eu.com)

**weights & thermal data**

Lamp Type	Weight (kg)		Minimum Operating Temperature (°C)	Maximum Ambient Temperature* (°C)	
	Integral	Remote		Integral	Remote
70W High Pressure Sodium	9.0	7.5	-30	45	65
100W High Pressure Sodium	9.5	7.5	-30	40	55
150W High Pressure Sodium	10.5	7.5	-30	35	55
250W High Pressure Sodium**	10.5	7.5	-30	30	35
100W Metal Halide	9.5	7.5	-20	40	55
150W Metal Halide	10.5	7.5	-20	35	55

\* The maximum ambient temperatures stated are for exterior use only. For interior use deduct 10°C from the temperature stated. \*\* Only available with Large Clear Sphere (LCS).



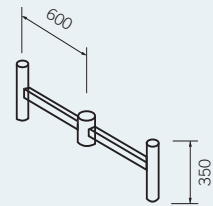
**windage**

**Code**

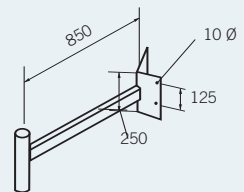
Grosvenor (.CS)	0.189m <sup>2</sup>
Grosvenor (.LCS)	0.229m <sup>2</sup>

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.

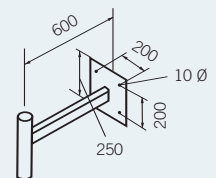
**bracket details**



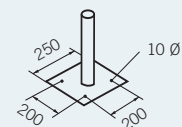
Twin Head Bracket



**HEL.CCB** - Corner Bracket



**HEL.CWB** - Wall Bracket



**HEL.CRB** - Roof Bracket

## ordering details : luminaire



Code	
NGRO	Grosvenor
Code	Lamp Type
.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	100W Clear CDM-T 3000K metal halide lamp (E40) base
.150CDMT3	150W Clear CDM-T 3000K metal halide lamp (E40) base
Code	Light Distribution
.SQ	Square
.AY	Asymmetric
Code	Enclosure Type
.CS	Clear Sphere
.LCS	Large Clear Sphere
Code	Top Hemisphere & Base Colour
.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)**
Code	Options
.6WA	60mm Wedgelock Assembly
.C	Enhanced Paint Finish
.R1	Remote Gear Version
.T	Photocell (Factory Fitted)
<b>Example</b>	NGRO .150XT .AY .CS .C9 .T

\* Only available with .LCS enclosure. \*\*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



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