

DS/SCM3-175



Applications

The wide range of power and optical options available guarantee the possibility of successfully illuminating large parking areas, public roads, pedestrianised streets, roundabouts, etc., while complying with the most demanding standards regarding the restriction of skyward light emissions. With the FGA reflector, illumination of tennis courts and other sports fields.

Technical specification

Family of area lighting luminaires of rectilinear design, robust construction and highly efficient optical systems with zero light emission towards the upper hemisphere. The different exterior sizes enable them to be employed for mounting at heights of between 4 and 16m, while maintaining full uniformity within the chosen urban decorative concept.

For high pressure sodium and metal halide lamps up to 1505W (SCM3-175), 600W (DS-400).

Housing

Die-cast aluminium housings and doors, electrostatically sprayed with a polyester powder paint finish, following anti-corrosion priming, and oven cured at 180°C.

Standard colour: RAL 9011 black. Consult other colour options.

Integral electrical units mounted on removable tray in DS-1000 and DS-400.

Optical assembly

Faceted aluminium reflectors of the following kinds:

DS-400= Medium Throw (CAM), Long Throw (CAL), Symmetrical (SYM) and Forward Throw (FGA).

SCM3-175= Medium Throw (CAM) and Symmetrical (SYM), the latter solely for lamps with E-27 holder and BD54 bulb.

Flat tempered glass lenses sealed with silicone to the doors. For the SCM3-175, there exists an optional polycarbonate or acrylic prismatic drop lens. Silicone, EPDM or polyester fibre gaskets between reflectors and lenses, according to lamp types and power ratings.

Installation

Multiple mounting systems:

- DS-400= No code: standard version with rectangular arm 203mm long. AT: fitting to 60mm horizontal tube. SP: fitting to 60mm vertical tube (1 luminaire). DP: fitting to 60mm vertical tube (2 luminaires at 180°). A wall-mounting plate can be supplied, compatible with the rectangular arm (standard version). The reference is WMPBL-DS.
- SCM3-175= B: rectangular arm 153mm long. AT: fitting to 60mm horizontal tube. SP: fitting to 60mm vertical tube (1 luminaire). DP: fitting to 60mm vertical tube (2 luminaires at 180°). L: Trunnion for fitting to 60mm vertical tube. A wall-mounting accessory, WMPBL-SCM, is available that is compatible with B.

Maintenance

Bottom opening for tool-less access to lamp and control gear in the DS-1000 and DS-400. For the SCM3-175, given its lower mounting height, tools are required for access.

Hinged, detachable access doors.

Degree of protection: IP55.

Insulation: Class I. Class II optional.

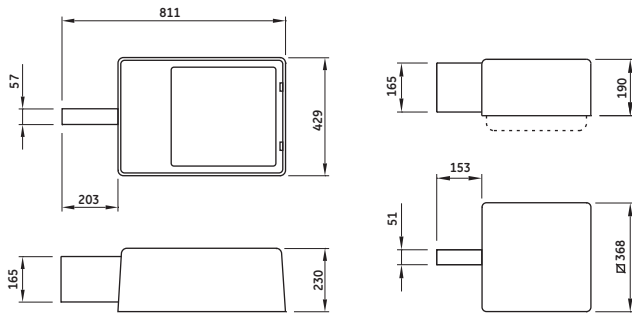
Effective projected area: 0.30m² for DS-400 and 0.09m² for SCM3-175.

Approx. weight with ballast: 16 to 20kg for DS-400 and 8 to 11kg for SCM3-175.

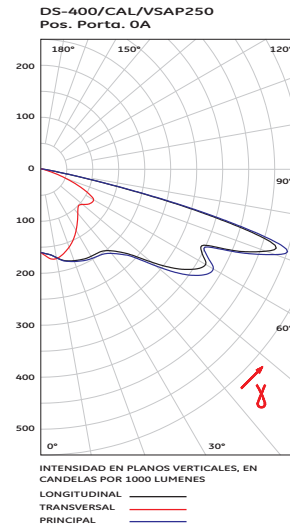
Notes

The rectangular arms are for mounting to square-section columns.

Dimensions (mm)



Photometric data



DS-400

CEI 34.21 / EN 60598-1, IEC 60 – 230V 50Hz – Class I (Optional Class II)
Optic IP54 – Control gear IP54

Description	Lamp ILCOS code	Weight (kg)	Pack Qty	Product Code
DS-400 CAM HPS 150W	ST-150-H-E40-48/211	11.50	1	519881
DS-400 CAM HPS 250W	ST-250-H-E40-48/260	13.50	1	519882
DS-400 CAM HPS 400W	ST-400-H-E40-48/283	14.50	1	519883
DS-400 CAM HPS 600W	ST-600-H-E40-48/283	15.60	1	519884
DS-400 CAM CMH 250 T U	MT/UB-250-H-E40-48/260	13.50	1	519885
DS-400 CAM CMH 400 T HOR	MT/UB-400-H-E40-60/278	14.50	1	519886
DS-400 CAM AT HPS 150W	ST-150-H-E40-48/211	11.50	1	519887
DS-400 CAM AT HPS 250W	ST-250-H-E40-48/260	13.50	1	519888
DS-400 CAM AT HPS 400W	ST-400-H-E40-48/283	14.50	1	519889
DS-400 CAM AT HPS 400W	ST-600-H-E40-48/283	15.60	1	519890
DS-400 CAM AT CMH 250 T U	MT/UB-250-H-E40-48/260	13.50	1	519891
DS-400 CAM AT CMH 400 T HOR	MT/UB-400-H-E40-60/278	14.50	1	519892
DS-400 CAM SP HPS 150W	ST-150-H-E40-48/211	11.50	1	519893
DS-400 CAM SP HPS 250W	ST-250-H-E40-48/260	13.50	1	519894
DS-400 CAM SP HPS 400W	ST-400-H-E40-48/283	14.50	1	519895
DS-400 CAM SP HPS 600W	ST-600-H-E40-48/283	15.60	1	519896
DS-400 CAM SP CMH 250 T U	MT/UB-250-H-E40-48/260	13.50	1	519897
DS-400 CAM SP CMH 400 T HOR	MT/UB-400-H-E40-60/278	14.50	1	519898

SCM3-175

CEI 34.21 / EN 60598-1, IEC 60 – 230V 50Hz – Class I
Optic IP65 – Control gear IP44

Description	Lamp ILCOS code	Weight (kg)	Pack Qty	Product Code
SCM3-175 B HPS 70W	SE-70-H-E27-72/156	8.50	1	519900
SCM3-175 B HPS 100W	ST-100-H-E40-48/211	9.00	1	519901
SCM3-175 B HPS 150W	ST-150-H-E40-48/211	9.90	1	519703
SCM3-175 B CMH 150 T U	MT/UB-150-H-E40-48/209	9.90	1	519704
SCM3-175 SP HPS 70W	SE-70-H-E27-72/156	7.60	1	519705
SCM3-175 SP HPS 100W	ST-100-H-E40-48/211	8.10	1	519706
SCM3-175 SP HPS 150W	ST-150-H-E40-48/211	9.00	1	519707
SCM3-175 SP CMH 150 T U	MT/UB-150-H-E40-48/209	9.45	1	519708