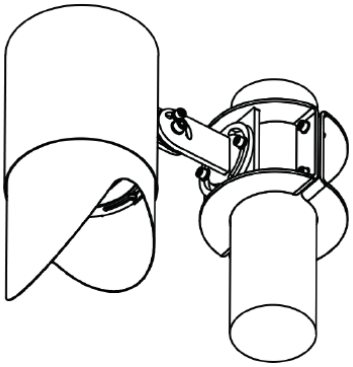
Product Sheet



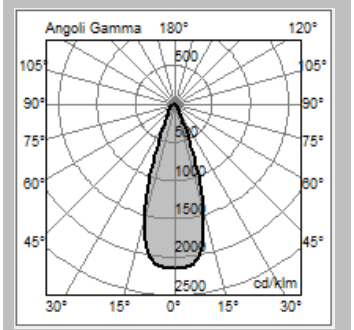
OSLO SPOT

MAIN CHARACTERISTICS	
Applications	Urban lighting
Optic	SP25 / SP40: Symmetrical optics for projection. Colour temperature: 4000K (3000K optional) | CRI ≥ 70 Photobiological safety class: EXEMPT GROUP LED source efficiency: 130 lm/W @ 700mA, Tj=85°C, 4000K
Insulation class	II, I
Protection degree	IP66
LED Modules	Removable / Replaceable maintaining IP degree of optic compartment.
Tilt Angle	Adjustable
Dimensions	*See the drawing*
Weight	4.5 kg (without bracket)
Exposed surface	Side: 0.07m^2 – Top: 0.03m^2
Mounting	Collar fixing
Glare shield	Removable
Gear tray	Removable plate.
Operating temp.	-40°C / +35°C
Storage temperature	-40°C / +80°C
Main reference standards	EN 60598-1, EN 60598-2-3, EN 62471, EN 55015, EN 61547, EN 61000-3-2, EN 61000-3-3

IP66 EXEMPT GROUP

ELECTRICAL CHARACTERISTICS	
Rated voltage	220÷240V 50/60Hz
Power factor	>0,9 (at full load)
Mains connection	Cable H07RN-F nx1.5mm^2 Optional: connector M/F IP66/68 for cables max. 2,5mm^2, Ø max. 12mm
Surge protection	Up to 10kV | With SPD (optional) 10kV / 10kV CM/DM
SPD (optional)	10kV-10kA, type II, with LED signal and thermo fuse to disconnect load at the end of life.
Control system (options)	F: Fixed power not dimmerable. DA: Automatic dimming (virtual midnight) with default profile. DAC: Custom DA profile. FLC: Constant light flux.
Optical unit lifetime (Tq=25°C, 700mA)	>100.000hr L90B10 >100.000hr L90, TM-21

MATERIALS	
Fixing and Glare shield	Galvanized steel, powder painted.
Body	Aluminium, powder painted.
Heat-sink	Extruded aluminium EN AW - UNI EN 755
Optic	PMMA
Screen	Flat tempered glass, 4mm thickness.
Cable gland	Metallic M20x1.5 - IP68
Gasket	Polyurethane
Colour	*On request.*



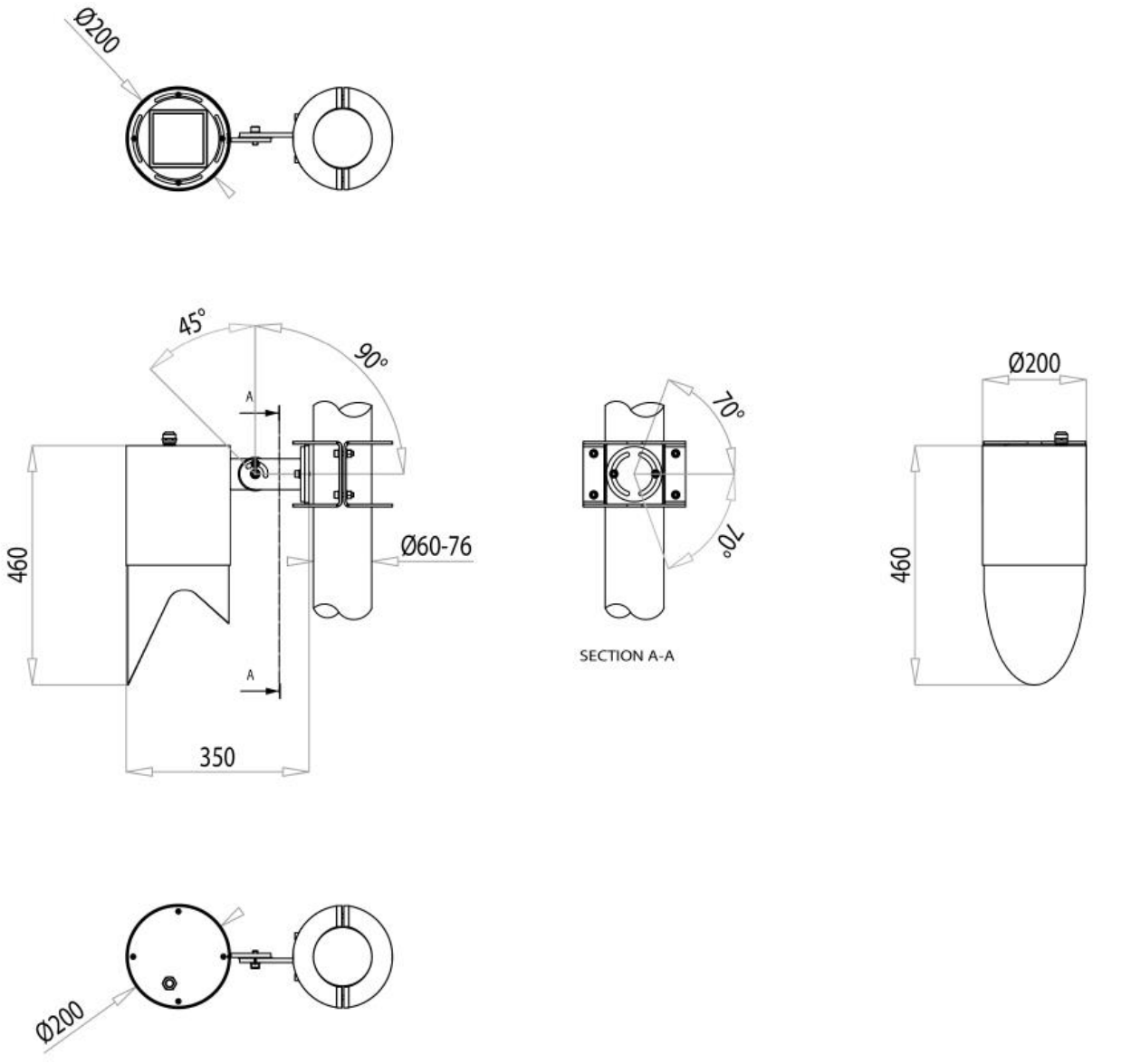
SP40 Optic

All the published photometrical data has been obtained according to EN 13032-1

Product Sheet

OSLO SPOT

DIMENSIONAL DRAWING



LUMINAIRE	OPTIC	LED CURRENT (mA)	RATED LUMINAIRE FLUX* (Tq=25°C, 4000K, lm)	RATED LUMINAIRE POWER* (Tq=25°C, Vin=230Vac, F/DA/DAC, W)	LUMINAIRE EFFICACY (Tq=25°C, lm/W)	RATED LED FLUX* (Tj=85°C, 4000K, lm)	RATED LED POWER* (Tj=85°C, W)
OSLO SPOT 0H 4.5-9	SP25	525	1330	16	83	1955	13
OSLO SPOT 0H 4.7-9		700	1680	21	80	2475	18
OSLO SPOT 0H 4.5-9	SP40	525	1230	16	76	1955	13
OSLO SPOT 0H 4.7-9		700	1550	21	73	2475	18

**RATED LUMINAIRE FLUX / RATED LUMINAIRE POWER: Rated data obtained in laboratory.*
**RATED LED FLUX / RATED LED POWER: Rated data extrapolated from LED manufacturer datasheet.*
Values indicated in this technical sheet are to be considered rated values. Flux tolerance: ±7%. Power tolerance: ±5%.
The characteristics of the product listed above are subjected to change without notice.

LUMINAIRE	OPTIC	LED CURRENT (mA)	RATED LUMINAIRE FLUX* (Tq=25°C, 3000K, lm)	RATED LUMINAIRE POWER* (Tq=25°C, Vin=230Vac, F/DA/DAC, W)	LUMINAIRE EFFICACY (Tq=25°C, lm/W)	RATED LED FLUX* (Tj=85°C, 3000K, lm)	RATED LED POWER* (Tj=85°C, W)
OSLO SPOT 0H 3.5-9	SP25	525	1240	16	77	1818	13
OSLO SPOT 0H 3.7-9		700	1560	21	74	2302	18
OSLO SPOT 0H 3.5-9	SP40	525	1140	16	71	1818	13
OSLO SPOT 0H 3.7-9		700	1440	21	68	2302	18

**RATED LUMINAIRE FLUX / RATED LUMINAIRE POWER: Rated data obtained in laboratory.*
**RATED LED FLUX / RATED LED POWER: Rated data extrapolated from LED manufacturer datasheet.*
Values indicated in this technical sheet are to be considered rated values. Flux tolerance: ±7%. Power tolerance: ±5%.
The characteristics of the product listed above are subjected to change without notice.