STAR 60   80W

URBAN LIGHTING LUMINAIRES

BAYLED®

IP65 EN60598 CE
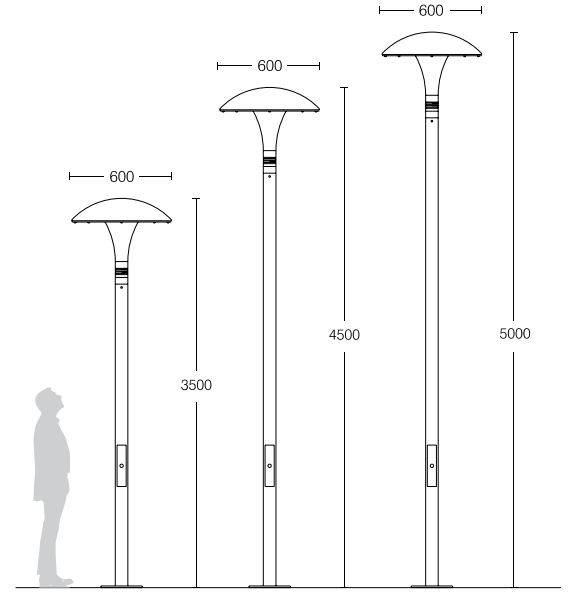
PRODUCT DATA

General Information

Number of light source	120 pcs
LED module	Mid Power LED's on alu-PCB
Light distribution	120°(without lens)
Light source colour	3000K-4000K
Number of gear unit	1 unit
Driver / power unit	PS (Constant current)
Driver included	Yes
Optical cover / lens type	Diffuser
Control interface	On/Off
Connection	-
Cable	3x1,5 mm^2
Protection class IEC	Safety class II
CE mark	CE mark
ENEC mark	-
Warranty period	5 years
Optic type	Symmetric
EU RoHS compliant	Yes
Light source engine type	LED
LDT / IES photometric file	Available
Life span	Estimated average 50.000 hours
MacAdams	CCT tolerance within a 3 step MacAdams ellipse
Product code	60-48-80-180-003-X (XX: Lens angle, X: Led colour)

Operating and Electrical

Input Voltage	90-264 V AC
Input frequency	50 to 60 Hz
Inrush current	364 mA
Power factor (min.)	0.92

Control and Dimming

Dimmable(optional)	1-10V - DALI
DMX	-

Mechanical and Housing

Housing material	Aluminium die-cast
Gasket	Silicone
Optic material	PMMA
Optical cover / lens material	Diffuser
Fixation material	Stainless steel
Mounting device	-
Effective projected area	2,1m^2 – 2,7m^2 – 3,0m^2
Colour	Grey
Dimensions (height x width x depth)	3500 (4500) (5000) x 600 x 600 mm

Approval and Application

Ingress protection code	IP65
Mech. impact protection code	-
Surge protection (common/differential)	6 KV/4KV (optional)

Initial Performance (IEC Compliant)

Module luminous flux	13600 lm (4000K) / 12200 lm (3000K)
Luminaire luminous flux	12037 lm (4000K) / 11439 lm (3000K)
LED luminaire efficiency	150 lm (4000K) / 143 lm (3000K)
Colour Temperature	4000K / 3000K
	6500K also available up on request.
Colour rendering index	>70
Rated LED power	73W
Rated luminare power	80W

Application Conditions

Ambient temperature range	-25°C to +55°C
Maximum dimming level	-
Net weight (piece)	Variable

Fixture Run Length

To calculate fixture run lenghts and total power consumption for your specific installation, please ask to company assistant

Scan the QR Code to go to the product web page.