

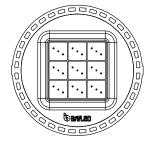
CATENARY LUMINAIRES



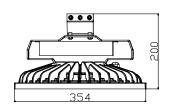








Mechanical and Housing



PRODUCT DATA

General Information		
Number of light source	80 pcs	
LED module	Mid Power LED's on alu-PCB	
Light distribution	40°- 60°- 90°	
Light source colour	3000K-4000K	
Number of gear unit	1 unit	
Driver / power unit	PS (Constant current)	
Driver included	Yes	
Optical cover / lens type	Multi lens	
Control interface	On/Off	
Connection	-	
Cable	3x1,5 mm ²	
Protection class IEC	Safety class I	
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	80-002-45-80-XX-X (XX: Lens angle, X: Led colour)	
Operating and Electrical		
Input Voltage	100-305 V AC	
Input frequency	50 to 60 Hz	
Inrush current	205 mA	
Power factor (min.)	0.92	
Control and Dimming		
Dimmable(optional)	1-10V - DALI	
DMX	-	

Housing material	Aluminium die-cast
Gasket	Silicone
Optic material	PMMA
Optical cover / lens material	Glass (5mm)
Fixation material	Stainless steel
Mounting device	-
Effective projected area	0,13m ²
Colour	Grey
Dimensions (height x width x depth)	354 x 354 x 200 mm
Approval and Application	
Ingress protection code	IP66
Mech. impact protection code	IK09
Surge protection (common/differential)	6 KV/4KV (10KV/6KV optional)
Initial Performance (IEC Complian	nt)
Module luminous flux	7600 lm (4000K) / 7222 lm (3000K)
Luminaire luminous flux	7144 lm (4000K) / 6789 lm (3000K)
LED luminaire efficiency	159 lm (4000K) / 151 lm (3000K)
Colour Temperature	4000K / 3000K
	6500K also available up on request.
Colour rendering index	>70
Rated LED power	41W
Rated luminare power	45W
Application Conditions	
Ambient temperature range	-25°C to +55°C
Maximum dimming level	-
Net weight (piece)	5,7 kg
Fixture Run Length	To calculate fixture run lenghts and total
power consumption for your specific in	nstallation, please ask to company assistant