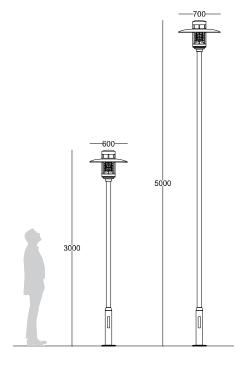
URBAN LIGHTING LUMINAIRES







PRODUCT DATA

General Information		
Number of light source	32 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	5mm policarbon glass 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	60-51-18-X (XX: Lens angle, X: Led colour)	

Operating and Electrical

Input Voltage 90-264 V AC Input frequency 50 to 60 Hz Inrush current 82 mA Power factor (min.) 0.92 Control and Dimming Dimmable(optional) 1-10V - DALI DMX -			
Inrush current 82 mA Power factor (min.) 0.92 Control and Dimming Dimmable(optional) 1-10V - DALI	Input Voltage	90-264 V AC	
Power factor (min.) 0.92 Control and Dimming Dimmable(optional) 1-10V - DALI	Input frequency	50 to 60 Hz	
Control and Dimming Dimmable(optional) 1-10V - DALI	Inrush current	82 mA	
Dimmable(optional) 1-10V - DALI	Power factor (min.)	0.92	
	Control and Dimming		
DMX -	Dimmable(optional)	1-10V - DALI	
	DMX	-	

Mechanical and Housing			
Housing material (pole/head)	Steel / Aluminium die-cast		
Gasket	Silicone		
Optic material	PMMA		
Optical cover / lens material	Diffuser		
Fixation material	Stainless steel		
Mounting device	-		
Effective projected area	1,8m ² -3,5m ²		
Colour	Grey		
Dimensions (height x width x depth)	3000(5000) x 600(700) x 600(700) mm		
Approval and Application			
Ingress protection code	IP65		
Mech. impact protection code	-		
Surge protection (common/differential)	6 KV/4KV (optional)		
Initial Performance (IEC Complian	nt)		
Module luminous flux	2571 lm (4000K) / 2443 lm (3000K)		
Luminaire luminous flux	2337 lm (4000K) / 2221 lm (3000K)		
LED luminaire efficiency	130 lm (4000K) / 123 lm (3000K)		
Colour Temperature	4000K / 3000K		
	6500K also available up on request.		
Colour rendering index	>70		
Rated LED power	16W		
Rated luminare power	18W		
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			

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