

# COLUMN D160 90 W



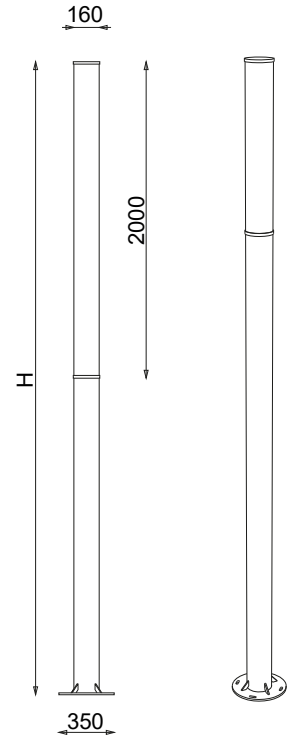
## URBAN LIGHTING LUMINAIRES

IP66

IK08



EN60598 CE



Power	Total Height (H)	Head
90W / 120W	4000mm	2000mm
90W / 120W	5000mm	2000mm

## PRODUCT DATA

### General Information

Number of light source	768 pcs
LED module	Mid Power LED's
Light distribution	Symmetric
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	3x0,75 mm <sup>2</sup>
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	N/A
Life span	Estimated average 50.000 hours
MacAdams	CCT tolerance within a 3 step MacAdams ellipse
Product code	60-74-019-90-768-XX-0-X (XX:Pole height, X: Led colour)

### Operating and Electrical

Input Voltage	100-305 V AC
Input frequency	50 to 60 Hz
Inrush current	409 mA
Power factor (min.)	0.92

### Control and Dimming

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

### Mechanical and Housing

Housing material	Aluminium extrusion & die cast
Gasket	Silicone
Optic material	PMMA
Optical cover / lens material	PMMA
Fixation material	Stainless steel
Mounting device	-
Effective projected area	1,4m <sup>2</sup> - 1,75m <sup>2</sup>
Colour	Grey
Dimensions (height x width x depth)	4000,5000 x 350 x 350mm

### Approval and Application

Ingress protection code	IP66
Mech. impact protection code	IK08
Surge protection (common/differential)	6 KV/4KV

### Initial Performance (IEC Compliant)

Module luminous flux	11768 lm (4000K) / 11395 lm (3000K)
Luminaire luminous flux	10698 lm (4000K) / 10359 lm (3000K)
LED luminaire efficiency	117 lm (4000K) / 114 lm (3000K)
Colour Temperature	4000K / 3000K
	6500K also available up on request.
Colour rendering index	≥70
Rated LED power	82 W
Rated luminaire power	90 W

### Application Conditions

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

### Fixture Run Length

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

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