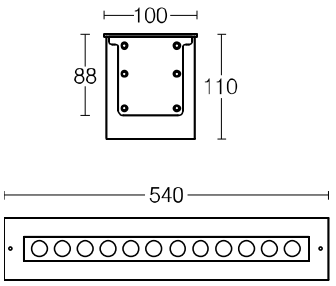
LIBRA 54 12W

INGROUND

IP67 IK09 EN60598 CE



PRODUCT DATA

General Information

Number of light source	12 pcs
LED module	Mid Power LED's on alu-PCB
Light distribution	8°- 25°- 45° - 60°
Light source colour	3000K-4000K
Number of gear unit	1 unit
Driver / power unit	PS (Constant current)
Driver included	Yes
Optical cover / lens type	Single 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	3 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	15-04-50-12-XX-X (XX: Lens angle, X: Led colour)

Operating and Electrical

Input Voltage	198-264 V AC
Input frequency	50 to 60 Hz
Inrush current	55 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	Glass (5mm)
Fixation material	Stainless steel mounting bracket
Mounting device	Made of steel
Effective projected area	0,05m^2
Colour	Grey
Dimensions (height x width x depth)	100 x 540 x 110 mm

Approval and Application

Ingress protection code	IP67
Mech. impact protection code	IK09
Surge protection (common/differential)	-

Initial Performance (IEC Compliant)

Module luminous flux	1849 lm (4000K) / 1757 lm (3000K)
Luminaire luminous flux	1738 lm (4000K) / 1652 lm (3000K)
LED luminaire efficiency	144 lm (4000K) / 137 lm (3000K)
Colour Temperature	4000K / 3000K
	6500K also available up on request.
Colour rendering index	>70
Rated LED power	11W
Rated luminare power	12W

Application Conditions

Ambient temperature range	-25°C to +55°C
Maximum dimming level	-
Net weight (piece)	5,4 kg

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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