URBIO

mesina

LUMINAIRE

Robust. Modern. Efficient.

Advanced Level: Control. Monitoring. Innovation.

TECHNICAL SHEET

MODULE: XL

100W-180W

TECHNICAL

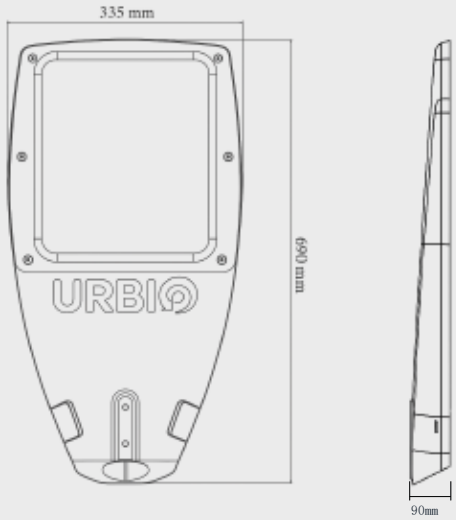
SPECIFICATION

GENERAL INFORMATION	MESINA L 50W-110W
Product family code	XL[100-180]W[80/120]L5050[57/40/30]CRI[70/80][LD/KH/DK][P20/P10] D6[I60/I40/NA][TD/OS/SS][D2/010V/PWM][ZG/CLI/NM]
Lifetime	100.000 hours
Lumen maintenance code	L90B10
Warranty	5 years

OPTICS	
Source Type	LED Module
No. of LED's	80/120 pcs
LED's Type	5050 series
LED colour temperature	3000K; 4000K; 5700K ± 10%
Colour rendering index	CRI >70; >80;
Luminous flux	14100 – 30800lm
Luminaire efficacy	141-178 lm/W
Supply voltage LED	5.6-6V
LED power class	0.45-5W

ELECTRICAL CHARACTERISTICS	
Rated power	100W-180W ± 1%
Nominal voltage	220-240 Vac / 100-277 Vac
Working frequency	50/60 Hz
Power factor	≥ 0,95
Start time	0,5 sec
Operating temperature	-40°C ÷ +50°C
Driver	Compatible with the light source
Electrical class	Class I
Surge protection	SPD 10kV / SPD 20kV
Integrated overheating protection (NTC)	According to EN 61347-2-13 C5e, return to working conditions
Auxiliary output 12V/0.2A	The possibility of connecting different types of sensors to the lighting device
CLO function / Product lifetime warning	YES

COMPLIANCE	
CE Certificate	YES
Brand license	YES
WEEE Certificate	YES
Standards according to LVD, EMC, CE, ENEC, ENEC+	SR EN IEC 1:2021-60598+A11:2022; SR EN 3:2004-2-60598+A1:2012+AC:2015; SR EN IEC 62031:2020+A11:2021; SR EN 1:2015-61347+A1:2021; SR EN 13:2015-2-61347 + A1:2017; SR EN IEC 55015:2019+A11:2020; SR EN 3:2014-3-61000+A1:2019+A2:2021+A2:2021/AC:2022; SR EN IEC 2:2019-3-6100; SR EN 61547:2010; SR EN 62262:2004+A1:2021, ch.5,6,7 SR EN 1:2007-2-60068 (Ae) ISO 4354:2009 EN IEC 1:2021-60598+A11:2022 EN 3:2003-2-60598 + A1 EN 62262:2002 PD EPRS 2018 -003 (EN 1:2016-2-62722)

HOUSING AND MECHANICAL PARTS	
Housing	Die-cast aluminium, painted in electrostatic field
Dimensions	690x350x90mm 
Weight	8kg
Optical diffuser	Heat resistant glass
Lens	PMMA/PC
Ingress Protection	IP66
Impact Resistance	IK09
Future Proof	The LED module can be easily replaced, in time, with a module with better performing technology
Installation	Suitable for a console with a diameter of 32÷48mm, optional for a console with a diameter of 48÷60mm, with the possibility of adjusting the angle from 5 to 5 degrees in any position, through the indexer

DIMMING & CONTROL	
Dimmable	PWM; 10-0V; DALI2-D4I Driver with adjustable dimming program (1%-100%of initial wattage)
Connectivity option(s)	Nema 7-pin (optional) Zhaga / 2 x Zhaga socket's (optional) Interior controller (optional)

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