



mesina

LUMINAIRE

Robust. Modern. Efficient.

Advanced Level: Control. Monitoring.
Innovation.

TECHNICAL
SHEET

MODULE: M

10W-60W

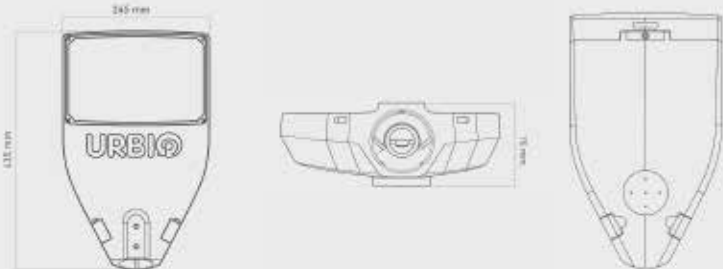
TECHNICAL SPECIFICATION

GENERAL INFORMATION		MESINA M 15W-60W
Product family code	M[60-15]W[36/24]L[30/40/57]5050CRI[80/70][LD/KH/DK] [P20/P10]D6[I60/I40/NA][TD/OS/SS][D010/2V/PWM][ZG/CLI/NM]	
Lifetime	v100.000 hours	
Lumen maintenance code	L90B10	
Warranty	5 years	

OPTICS	
Source Type	LED Module
No. of LED's	24/36 pcs.
LED's Type	5050 series
LED colour temperature	3000K; 4000K; 5700K $\pm$ 10%
Colour rendering index	CRI >70; >80;
Luminous flux	2120 – 10000lm
Luminaire efficacy	141-166 lm/W
Supply voltage LED	5.6-6V
LED power class	0.45-5W

ELECTRICAL CHARACTERISTICS	
Rated power	10W-60W $\pm$ 1%
Nominal voltage	220-240 Vac / 100-277 Vac
Working frequency	50/60 Hz
Power factor	$\geq$ 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	435x245x75mm 
Weight	3.6kg
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)

Headquarters

T/ 004 0232 214014
E/ office@urbio-romania.ro
A/ Str. Gaviil Musicescu 6, Iasi

Headquarters

T/ 004 0232 214014
E/ office@urbio-romania.ro
A/ Parcul Industrial Moreni
 Str. Islaz Teiş , Jud. Dâmbovița

www.urbio-romania.ro

Branches

Urbio Republic of Moldavia

URBIO LED, Str. Serghei Lazo,
 34, Chisinau, Republic of
 Moldavia

Urbio Montenegro

URBIOLED DOO, CRNOGORSKI
 SERDARA BR. 7, Podgorica,
 CRNA GORA

Urbio Dubai

URBIO Technoloies LLC
 Dubai, Motor city, Daytouna
 House, 201

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