



# SMART NEMA LIGHT POINT MODULE

TECHNICAL  
SHEET

# TECHNICAL SPECIFICATION

GENERAL INFORMATION	
Product	MNPL – Smart NEMA Light Point Module
Lifetime	100,000 hours (estimated based on solid-state components)
Warranty	5 years

FEATURES & FUNCTIONALITY	
Real-time remote lighting adjustment	
Programmable switching & dimming (0-100%)	
Supports DALI, DALI-2, D4i commands	
Adaptive automation via integrated sensors	

PROTECTION	
Type	Specification
Enclosure	IP66
Impact resistance	IK10
Electrical class	Class II

ELECTRICAL CHARACTERISTICS	
Parameter	Value
Voltage	220-240 VAC
Frequency	50-60 Hz
Operating current	25 mA
Power consumption	5 W
Mounting type	NEMA socket

INTEGRATED SENSORS	
Sensor Type	Specification
Temperature sensor	-30°C to +70°C
Light sensor	1-40,000 lux
Speed sensor	1-100 km/h
Tilt sensor	±90° on 3 axes (±2° tolerance)

MECHANICAL CHARACTERISTICS	
<p><b>Dimensions</b> 84 × 75 × 100 mm</p> <p><b>Housing material</b> UV-treated polycarbonate</p>	

**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](http://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,  
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**Urbio Dubai**  
 URBIO Technologies LLC  
 Dubai, Motor city, Daytouna  
 House, 201

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