

TECHNICAL DATA



580135RGB

RGB SURFACE-MOUNTED SPOTLIGHT 35W 120°

Surface-mounted pool spotlight. 35W power and 2800lm luminous flux. Symmetrical 120° beam angle and RGB color. Protection rating IP68 against external elements. Housing made of polystyrene with UV protection in white finish and diffuser made of polystyrene with UV protection in transparent finish.



PRODUCT SPECIFICATIONS

Item code:	580135RGB
Description:	Surface-mounted pool spotlight
EAN13 code:	8436568943362

ELECTRICAL DATA

Power:	35w
Voltage:	12v AC/DC
Frequency:	50 Hz
Power factor:	0,9
Dimmable:	NOT
Electrical insulation class:	CLASS III

LUMINOUS DATA

Color temperature:	RGB
Luminous efficiency:	80 lm/w
Lumens:	2800lm
LED chip model:	SMD2835
Beam angle:	120°
Luminous distribution:	Symmetrical
Color rendering index:	>80
Standard desviation of colour matching:	<6
Luminous maintenance factor:	L95B10
Flicker index:	≤1,0
SVM (Stroboscopic Visibility Measure):	≤0,4
Flicker free:	YES

TECHNICAL DATA

Protection rating:	IP68 (Dust-tight and protected against prolonged immersion in water)
Operating temperature:	-20°~50°
Control system:	Push button control
Memory function:	YES

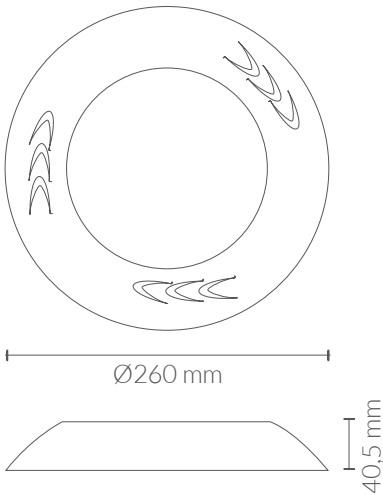
AVERAGE LIFESPAN

Working hours:	30000 hrs
Switching cycles:	20000 ON/OFF

PHYSICAL DATA

Housing	
Material:	UV-Resistant Polystyrene
Finish:	White
Difusor	
Material:	UV-Resistant Polystyrene
Finish:	Transparent
Weight	
Weight:	0,95 kg

DIMENSIONS



ENERGY EFFICIENCY 2023(UE-2019/2015)

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CERTIFICATIONS

CE & ROHS

EMC Directive 2014/30/EU ELECTROMAGNETIC COMPATIBILITY

EN IEC 55015	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment.
EN IEC 61000-3-2	Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤16 A per phase).
EN 61000-3-3	Electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection.
EN 61547:	Equipment for general lighting purposes - EMC immunity requirements.

LVD Directive 2014/35/EU LOW VOLTAGE

EN 60598-1	Luminaires. Part 1: General requirements and tests
EN 60598-2-18	Luminaires. Part 2: Particular requirements. Section 18: Luminaires for swimming pools and similar applications.
EN IEC 62031	LED modules for general lighting. Safety requirements.
EN 62471	Photobiological safety of lamps and lamp systems.
EN 62493	Assessment of lighting equipment related to human exposure to electromagnetic fields.

RoHS Directive 2011/65/EU and Delegated Directive (EU) 2015/863

Determination of certain substances in electrotechnical products.

IEC 62321-3-1	IEC 62321-5
IEC 62321-4	IEC 62321-7-1
IEC 62321-7-2	IEC 62321-6
IEC 62321-8	

