

TECHNICAL DATA



580035RGB

LED PAR-56 RGB LAMP 35W G53



PRODUCT SPECIFICATIONS

Item code:	580035RGB
Description:	PAR-56 pool lamp
Lamp type:	PAR-56
Socket:	G53
EAN13 code:	8436568443348

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:	2450lm
LED chip model:	SMD2835
Beam angle:	120°
Luminous distribution:	Symmetrical
Color rendering index:	>80
Standard deviation of colour matching:	<4
Luminous maintenance factor:	L95B10
Flicker index:	≤1,0
SVM (Stroboscopic Visibility Measure):	≤0,4

TECHNICAL DATA

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

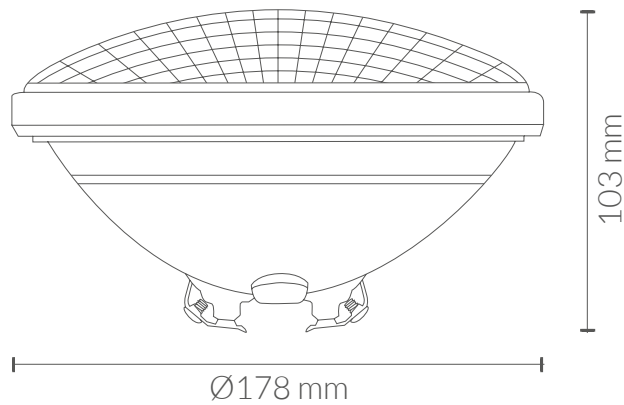
AVERAGE LIFESPAN

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

PHYSICAL DATA

Material:	Glass
Finish:	Transparent
Weight	
Weight:	1,0 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	

