



PWR LIGHTING

PWRRANGER SERIES

DATASHEETS

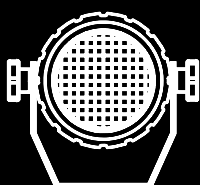




PWR LIGHTING

PWRRANGER BLINDER

DATASHEET



www.pwr-lighting.com



PWRRANGER BLINDER DATASHEET

FIXTURE

GENERAL

Product name	The PWR ranger
Order PN	PWR-RAN-Blinder
Description	RGBW + A Luminaire with spot, blinder and strobe function A PWR Ranger controller is necessary for operation

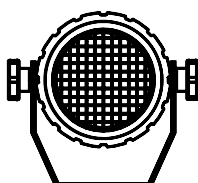
ELECTRICAL

Light Source	RGBW COB + Amber ring
Expected average LED lifetime	50.000 hours*
Power	Red: 50W Green:50W Blue: 50W White:100W Amber:10W Total limited to 125W
Certification	CE, ROHS

FUNCTIONAL

Description	Very powerful compact light source Versatile use: blinder, spot, strobe Led replacement for tungsten DWE
Protection	Over temperature protection

*Figure provided by manufacture and obtained under manufacture's test conditions





PWRRANGER BLINDER DATASHEET

FIXTURE

CONNECTIVITY

Input connector

Short cable connected to luminaire with proprietary M19 multipole connector.

MECHANICAL

Housing

Die cast aluminum, black powder coating

Dimensions (L x W x H)

+/- 180 x 150 x 140 mm

Weight

1,7kg

Construction

Outdoor, IP65
Integrated fan

Operating temperature Humidity

-10 to +40 Degrees Celsius
Max 98%

Mounting

Bracket – for wall mounting and mounting with clamp (10mm holes)

OPTICS

Light Source

PWR Ranger Blinder

LEDs expected lifetime

50,000 hours*

CRI

70

Field angle

60°

Beam angle

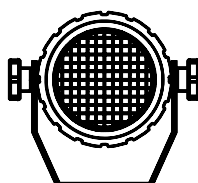
45°

Lumens

3200

Illuminance

300 lux @ 5m





PWRRANGER BLINDER DATASHEET

ACCESSORIES BLINDER – CONTROLLER

CABLES

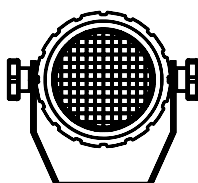
Description	Extension cable for PWR ranger controllers and compatible fixtures
Specification	Proprietary M19 multipole connector with multipole cable IP66 rating (when mated)
Product	PWR-RAN-EXT02: 2m extension cable PWR-RAN-EXT05: 5m extension cable

BARNDOR FOR PWR RANGER

Product name	PWR Ranger Barndoor
Order PN	PWR-RAN-BD
Description	Barndoor
Specification	Aluminum black power coated For use with PWR Ranger lamps Supplied with safety cable

FLIGHTCASE FOR PWR RANGER BLINDER AND CONTROLLER

Product name	PWR Ranger blinder flightcase 8+2
Order PN	PWR-RAN-BLINDER-FLIGHT8
Description	Flightcase
Specification	Flightcase with wheels for 2 x PWR ranger controller and 8x PWR RANGER lamp and cabling

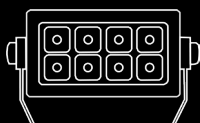




PWR LIGHTING

PWRRANGER WASH

DATASHEET



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PWRRANGER WASH DATASHEET

FIXTURE

GENERAL

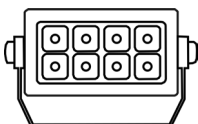
Product name	The PWR Wash
Order PN	PWR-RAN-Wash
Description	Lightweight outdoor RGBW wash A PWR Ranger controller is necessary for operation

ELECTRICAL

Light Source	8x high power RGBW LEDs
Expected average LED lifetime	50.000 hours
Power	Red: 65W Green: 65W Blue: 65W White: 100W Total limited to 125W
Certification	CE, ROHS

FUNCTIONAL

Description	Versatile use due to swappable filters and lenses. Extremely light weight due to external PWR Ranger Controller
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PWRRANGER WASH DATASHEET

FIXTURE

CONNECTIVITY

Input connector

Short cable connected to luminaire with proprietary M19 multipole connector.

MECHANICAL

Housing

Die cast aluminum, black powder coating

Dimensions (L x W x H)

36 x 11 x 21 cm

Weight

4kg

Construction

Outdoor, IP65
Integrated fan

Operating temperature Humidity

-10 to +40 Degrees Celsius
Max 98%

Mounting

Bracket – for wall mounting and mounting with clamp (10mm holes)

ACCESSORIES

Cables

Extension cable with different lengths are available (2m & 5m)

Rigging accessories

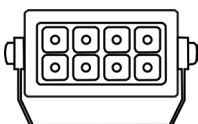
Various range of modular rigging accessories

Other accessories

Barndoors, flightcases for storage and transport

Grades

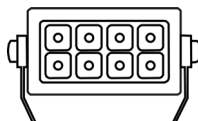
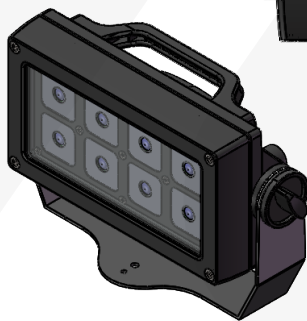
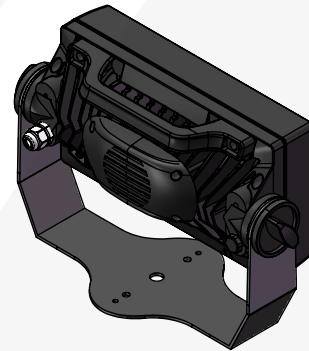
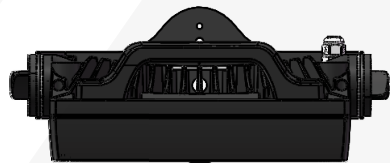
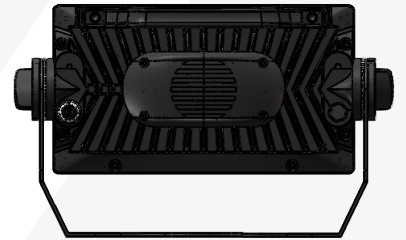
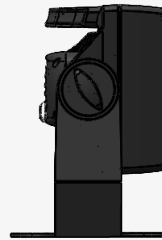
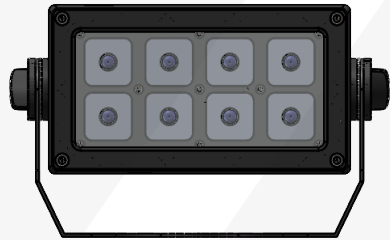
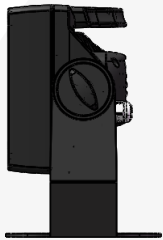
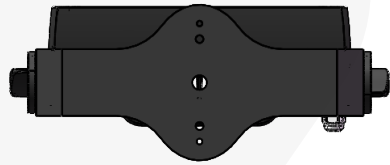
10°, 20°, 30°, 55°





PWRRANGER WASH DATASHEET

FIXTURE



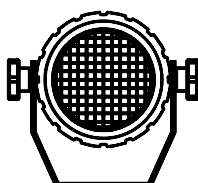
ACCESSORIES WASH – CONTROLLER

CABLES

Description	Extension cable for PWR ranger controllers and compatible fixtures
Specification	Proprietary M19 multipole connector with multipole cable IP66 rating (when mated)
Products	PWR-RAN-EXT02: 2m extension cable PWR-RAN-EXT05: 5m extension cable

FLIGHTCASE FOR PWR RANGER WASH AND CONTROLLER

Product name	PWR Ranger wash flightcase 8+2
Order PN	PWR-RAN-WASH-FLIGHT8
Description	Flightcase
Specification	Flightcase with wheels for 2 x PWR ranger controller and 8x PWR WASH lamp and cabling





PWR LIGHTING

PWRRANGER CONTROLLER

DATASHEET



CONTROLLER

GENERAL

Product name	PWR Ranger Controller
Order PN	PWR-RAN-Controller
Description	4 output controller for ranger luminaires

ELECTRICAL

Power	Max power consumption 500W (4 connected lamps on full allowed output)
Control protocol	DMX-512 / RDM
Voltage	100 – 240V 50/60 Hz
Certification	CE, ROHS

FUNCTIONAL

Dimming	16 bit dimming
Mode	Standalone modes / DMX input mode
DMX modes	1/4/7/12 channel modes selectable
Menu	Display with 4 button user interface
Safety	Overpower, overtemperature protection
Light source	PWR Ranger Blinder / Wash



PWRRANGER DATASHEET

CONTROLLER

CONNECTORS

DMX	5 pin XLR in + out
Power	PowerCon compatible in + out
Outputs	4 outputs – proprietary multipole M19 connector with propriety signal pinout

MECHANICAL

Housing	Aluminum, black powder coating
Dimensions (L x W x H)	+/- 420 x 230 x 100 mm
Weight	5kg
Construction	Outdoor, IP65

ACCESSOIRES

Cables	Extension cable with different lengths are available (2m, 5m)
Other accessories	Flightcase for storage and transport

THERMAL

Temperature range, Operati	-10° to +40°C (14° - 104°F)
Humidity (max.)	98%
Safety features	Active, forced air, temperature-regulated low noise



PWRRANGER DATASHEET

CONTROLLER

