PJ-5 RGBW

IP66 rated Quad color wash light with Active Diffuser

SPECIFICATION SHEET

The PJ-5 uses 30 RGBW 25w LEDS to produce a long throw fixture with 22.249 output lumens. It's IP66 rating allows it to be used for both indoor and outdoor applications. The PJ-5 RGBW is a wash light which provides an unlimited color mixing palate. No lens selection is required because the internal active diffusor, can be adjusted remotely via DMX control ranging from a narrow to wide flood beam.

KEY FEATURES

- 100% Flicker free - no need for frequency adjustment
- No coil whining
- Low-noise cooling
- 30 x 25W RGBW LEDs
- 10° - 45° electronically adjustable beam angle
- IP66 rated for outdoor use
- RDM enabled
- Wireless DMX capability
- Automatic temperature control
- CRI (>75)
- Durable aluminum housing
- C5-M corrosion resistance

TECHNICAL SPECIFICATIONS

CONTROL AND PROGRAMMING

Intensity:	0 - 100%
Control Protocol:	DMX 512, Wireless DMX (CRMX), RDM enabled
DMX Modes:	Multiple (refer to latest DMX charts)
Wireless DMX:	Built-in CRMX system
Control Interface:	OLED display with control panel (UP, DOWN, ESC, ENTER buttons)
Control Interface POI:	No, only through RDM
DMX connection:	5-pin XLR in and out
DMX connection POI:	5mtr (197 inch.) cable with bare ends
Number of segments:	6 individually RGB(W) controllable segments
Stand-alone control:	Yes
Control resolution:	16-bit RGBW
Dimmer resolution:	16-bit
DMX channels:	7/12/22/50
DMX compliance:	USITT DMX 512A
RDM compliance:	ANSI/ESTA E1.20
Firmware update:	Serial upload via DMX

PHOTOMETRIC

LED Type:	30 x 25W RGBW LEDs
Light Intensity @ 1mtr Narrow/Wide:	520.281 / 14.945 Lux
Luminous Flux RGB wide Narrow/Wide:	22.249 / 17.458 lm
Red - Narrow/Wide:	4534 / 3146 lm
Green - Narrow/Wide:	7583 / 5596 lm
Blue - Narrow/Wide:	2053 / 1463 lm
Efficiency:	38 lm/W
Color Rendering Index (CRI):	>75
CCT:	2000 - 10.000K
Beam Angle:	Electronically adjustable 10° - 45°
Color:	(120° Field) Full RGBW spectrum
LED lifetime:	50.000 hours (Minimum)

THERMAL

Operating Temperature:	-40° C to +50° C
Maximum Ambient Temperature (Ta max.):	50° C
Cooling System:	Active (cooling fans)
Minimum distance to normal flammable:	0.5 mtr (19.68 inch.)
Minimum distance to illuminated surface:	0.5 mtr (19.68 inch.)
Automatic temperature control (Safety feature):	Yes

ELECTRICAL SPECIFICATIONS

Power:	600W maximum power consumption
Input Voltage:	100 - 240 VAC, 47 - 63 Hz
Power Factor:	>0.99 @100V - >0.95 @230V
Inrush Current:	60A / 230V
Total Harmonic Distortion (THD):	(To be determined - Contact manufacturer for details)
Power connection:	True1 type in and out
Power connection POI:	5mtr (197 inch.) cable with bare ends

CONSTRUCTION

Protection rating:	IP66
Impact resitance:	IK07
Corrosion Resistance:	C5-M
Housing Material:	Plastic, aluminum, rubber, steel
Housing Color:	Black (RAL9004) / White (RAL9010)
Lens material:	Tempered glass

PHYSICAL DIMENSIONS

Depth:	17 cm (6.71 inch.)
Width:	63.6 cm (25.05 inch.)
Height:	28,6 cm (11.26 inch.)
Weight:	16,5 kg (36.4 Lbs.)
Tilt Range:	0 - + / - 120°

INSTALLATION

Orientation:	Any
Mounting Std.:	2 x quarter-turn locking points for omega brackets
Mounting POI:	5 x 12mm holes for fixed installation
Tilt fixation POI:	2 x Stainless steel M8 bolt + washer

APPROVALS

ETL:	UL Std. 1573 (Pending)
CE:	Yes
RoHS:	Yes

ENVIRONMENTAL

RoHS:	Compliant
REACH:	Compliant
WEEE:	Compliant

INCLUDED ITEMS

Omega brackets with 1/4 turn fasteners:	2 pcs (Not included with POI Version)
Safety information leaflet:	1 pcs

WARRANTY

Fixture Standard:	2 years
Fixture POI:	5 years

ORDERING INFORMATION

PJ-5 RGBW Black	50100001
PJ-5 RGBW Custom color	50100003
PJ-5 RGBW POI Black	50101001
PJ-5 RGBW POI White	50101003
PJ-5 RGBW POI Custom color	50101005

ACCESSORIES

Uploader Dongle

Note: This product is designed and manufactured in compliance with UL Standard 1573. (Pending)
For detailed compliance information, please refer to the full product manual or contact the manufacturer.

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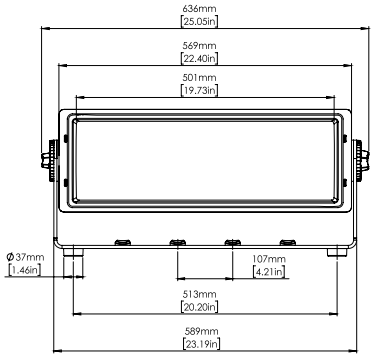

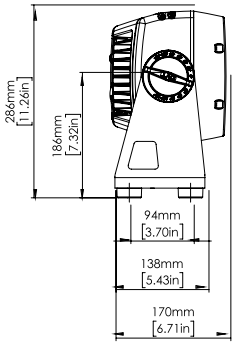

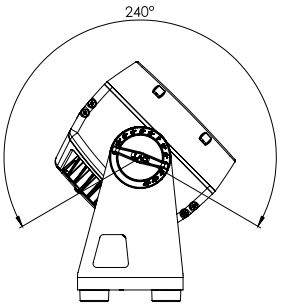

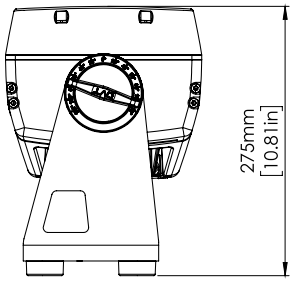
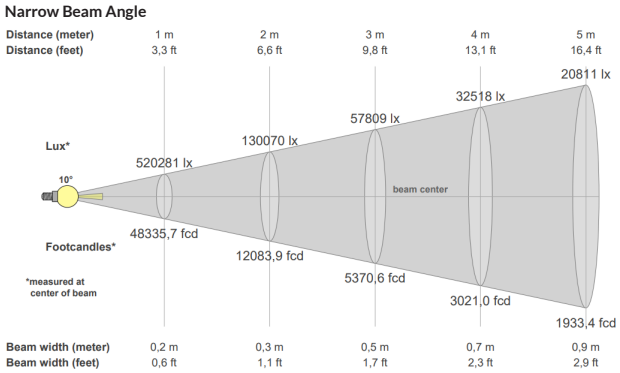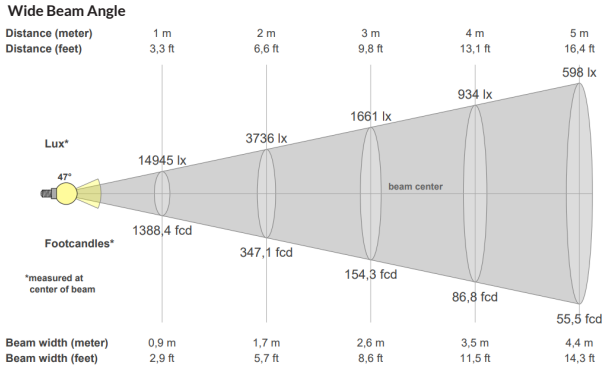
PHOTOMETRIC