

Application

RGBW high-output floodlight designed to provide the perfect colored light for static or dynamic lighting applications. Due to carefully designed optics and color mixing, the lens aperture exactly matches the effect on the illuminated surface. For use in high ambient temperatures.

Materials

Luminaire housing constructed of die-cast marine grade, copper free ($\leq 0.3\%$ copper content) A360.0 aluminum alloy
 Clear safety glass
 Reflector surface made of pure anodized aluminum
 High temperature silicone gasket
 Mechanically captive stainless steel fasteners
 Stainless steel helicoils
 3/16" stainless steel mounting yoke

NRTL listed to North American Standards, suitable for wet locations
 Protection class IP67

Weight: 46.7 lbs.

EPA (Effective projection area): 2.15 sq. ft.

Electrical

Operating voltage	120-277V AC
Minimum start temperature	-20° C
Maximum ambient temperature	45° C
LED module wattage	176.0W
System wattage	197.0W
Controllability	DMX and RDM compatible
Color rendering index	Ra > 80 (4000K White)
Luminaire lumens	12,194 lumens (RGBW)
LED service life (L70)	60,000 hours

RGBW LED Technology

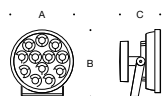
Luminaire provided with RGBW LED modules for additive color mixing. Standard white LED color temperature is 4000K. This luminaire is DMX controllable and RDM compatible. A terminator must be used at the end of the run between data lines. With RDM compatibility, it is possible to energize and address the luminaire without accessing the driver. Installer should be familiar with "Recommended Practice for DMX512" - [USITT/PLADA - 2008].

BEGA can supply you with suitable LED replacement modules for up to 20 years after the purchase of LED luminaires - see website for details

Finish

All BEGA standard finishes are matte, textured powder coat with minimum 3 mil thickness. BEGA Unidure® finish, a fluoropolymer technology, provides superior fade protection in Black, Bronze, and Silver. BEGA standard White, as well as optionally available RAL and custom colors, are a polyester powder.

Available colors	Black (BLK)	White (WHT)	RAL:
	Bronze (BRZ)	Silver (SLV)	CUS:



Large-scale floodlight · RGBW narrow beam					
	LED	β	A	B	C
84551	176.0W	19°	19 1/2	20 3/4	12 1/8

β = Beam angle

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Due to the dynamic nature of lighting products and the associated technologies, luminaire data on this sheet is subject to change at the discretion of BEGA North America. For the most current technical data, please refer to bega-us.com
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Type:

BEGA Product:

Project:

Modified:

Available Options

VRY Vibration resisting yoke
FSC Fusing

Available Accessories

- 71 101** 180° glare shield
- 79509** 360° glare shield
- 71 105** Concentric ring louver
- 79435** Mounting bracket for pole top \varnothing 3"
- 79555** Pole mount hub for pole top \varnothing 3"
- 79553** Pole mount canopy for 5" O.D. pole
- 79550** Pole mount arm for for 5" O.D. pole
- 79554** Wall mount canopy
- 79551** Wall mount arm
- 70762** Pole top for 2 floodlights
- 70763** Pole top for 3 floodlights
- 70764** Pole top for 4 floodlights
- 70761** Cross beam for 3 floodlights
- 70765** Cross beam for 6 floodlights

See individual accessory spec sheet for details.

