

# LED compact downlights - adjustable light distribution - RGBW for additive color mixing

**BEGA**

## Application

LED recessed ceiling luminaires with adjustable light distribution. The inclination angle of the luminaires is infinitely adjustable from 0-30°. The optical assembly can be rotated 360° around the vertical axis. The adjustable optical system make these luminaires ideal for solving myriad of lighting tasks.

## Materials

Luminaire housing and trim 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 screw clamps  
 Galvanized steel rough in ceiling pan with through wiring box

**NRTL** listed to North American Standards, suitable for wet locations  
 Protection class IP 65  
 Weight: 6.2 lbs

## Electrical

Operating voltage	120-277V AC
Minimum start temperature	-20° C
LED module wattage	16.7 W
System wattage	21.0 W
Controllability	DMX controllable, RDM compatible
Color rendering index	Ra > 80 (4000K)
Luminaire lumens	804 lumens
Lifetime at Ta = 15° C	85,000 h (L70)
Lifetime at Ta = 40° C	84,000 h (L70)

## RGBW LED Technology

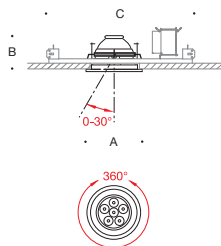
Luminaire provided with RGBW LED module for additive color mixing. Standard white LED color temperature is 4000K. This luminaire family is DMX controllable and RDM compatible. A terminator must be used at the end of the run between data lines. With the RDM compatibility of the driver, it is possible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

**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 polyester powder coat with minimum 3 mil thickness.

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



## LED compact downlights · adjustable light distribution · RGBW

	LED	$\beta$	A	B	C
<b>24 837</b>	16.7 W	18°	8 7/8"	5 1/8"	18"

$\beta$  = 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 Accessories

- 10047** Wide beam spread lens
- 10016** Elliptical spread lens

See individual accessory spec sheet for details.

