

CHALICE PENDANT LED DOWNLIGHT

50 Watt LED

The 50 Watt Chalice pendant downlight from Altman Lighting is designed for permanent installation and energy savings. Offering all of the benefits and longevity of an LED luminaire, changing lamps in your fixtures has now become a thing of the past.

Adding a fixture into a DMX system control system is easy with the simple three-button DMX addressing that is easily accessible from the top of the fixture - set it once and enjoy a smoothly integrated and energy efficient illumination solution for your area of choice.

The 50W Pendant Chalice fixture is able to be controlled by your DMX Control console & architectural control system; for facilities without a DMX control system the 50W Pendant Chalice is also available in a mains dimmable fixture, or for easy retrofit to a current installation for energy savings.



Product Features:

- 50W LED driver
- 5 interchangeable lenses
- 45° swivel ball ceiling mount
- DMX or Mains Dimmable (note, mains dimmable only available in a single color LED only)
- Push Button DMX Addressing and RDM compatibility
- DMX Pass through
- 8-bit or 16-bit selectable DMX modes
- cETLus listed for indoor applications
- Proudly made in the USA

Photometric Performance

Photometric data taken with all channels at full using a 3,000K White LED and RGBA LED fixtures. Note: All measurements are shown in feet/inches and foot candles. To convert from foot candles (fc) to Lux (LX) multiply fc by 10.76.

CDP50 Pendant LED Downlight				
Throw Distance (d)	10' / 3m	15' / 4.6m	20' / 6.1m	25' / 7.6m
Diameter	3.5' / 1.07m	5.3' / 1.62m	7.1' / 2.16m	8.8' / 2.68m
RGBA LED	108 fc	48 fc	27 fc	17 fc
3,000K LED	138 fc	105 fc	59 fc	38 fc

Specifications

Materials: Construction employs all corrosion-resistant materials and hardware.

Housing: Corrosion resistant aluminum outer shell with aluminum interior components.

Control: Mains Dimmable or DMX / RDM

Light Engines: **DMX Models:** 50W LED Array - Available in 3000K, 6000K, 3000K to 6000K Tunable White, RGBA, and RGBW.
Mains Dimmable Models: 50W LED Array - Available in 3000K and 6000K(standard)
 Custom arrays available - consult factory before ordering.

LED Rated Life: LED array are rated for >50,000 hours of operation.

Input Voltage: 100-240 VAC 50/60 Hz
 0.42A @120VAC
 0.21A @ 240VAC

Cooling: Natural Convection

Environment: 0 to 40 degrees C (32 to 104 degrees F)

Weight: 8.5 lbs. (3.86 Kg.)

Compliance: cETLus Listed

Ordering Information

CDP50-(LED Array)-(Body Color)-(Control)

Model: CDP50 Chalice Pendant LED Luminaire

LED Array: RGBA or RGBW or 3K or 4K or 6K or 3K6K (tunable white) or Custom (C)*

Body Color: Black (B) or White (W) or Custom (C)*

Control: DMX Control (D) or Mains Dimmable (M)**

Notes:
 *Consult factory before ordering.
 **Mains Dimmable models are only available with a single color LED array (not available in RGBA or RGBW).

Optional Accessories

- 18-CDP50-20** 20°, 5.375" diameter Acrylic Lens
- 18-CDP50-30** 30°, 5.375" diameter Acrylic Lens
- 18-CDP50-40** 40°, 5.375" diameter Acrylic Lens
- 18-CDP50-60** 60°, 5.375" diameter Acrylic Lens
- SS-CDP50-P95** 22°, 5.375" diameter Diffusion Lens

NOTES:

- The above lenses are for use with the CDP50 fixtures only and are not interchangeable with the CDR series luminaires.
- When using diffusers (20°,30°,40°, 60° and P95) please allow for a minimum throw distance of 10'-0" (approximately 3m) for color uniformity.

- 70-3980** Aircraft Cable Suspension Assembly
- 99-C545-S** Ball Mount Assembly
- 99-DMX-TERM** 5-Pin DMX Terminator

NOTE (A)
Specify Length of:
 Stem: 6 in. / 152.4 mm to 72 in. / 1.8 m
 Aircraft Cable: Up to 20 ft. / 6.1 m

