

## CHALICE DOWNLIGHT PENDANT

## WASH LIGHTING

Chalice from Altman Lighting is a 100W LED architectural down light designed for permanent installation and energy savings. Changing lamps in your fixtures has now become a thing of the past.

Integration into an existing control system is easy with the simple three-button DMX addressing located at the top of the fixture: set it once and enjoy a smoothly integrated and energy efficient illumination solution for your area of choice.

The fixture is able to be controlled by your entertainment console, architectural control system or both; also available as a mains dimmable fixture for those facilities being built without a DMX control system, or for easy retrofit to a current installation for energy savings.

### Catalog Numbers

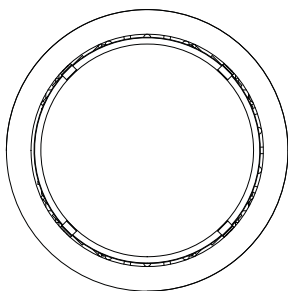
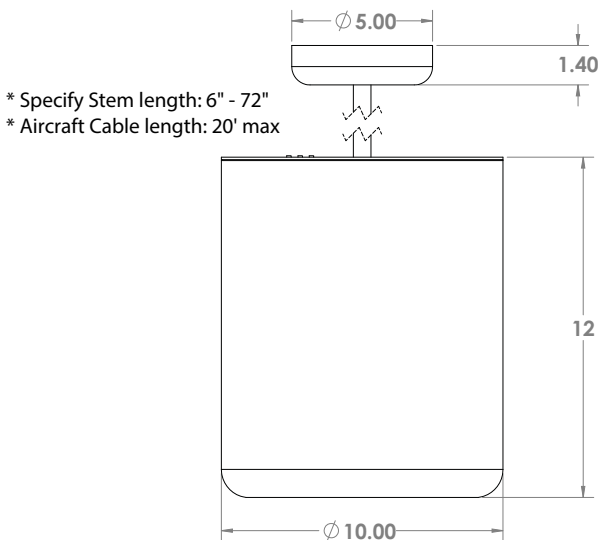
CDP100-\*\_\*\_\*\_\*\_\*\_\*  
 CDW100-\*\_\*\_\*\_\*\_\*\_\*  
 CDY100-\*\_\*\_\*\_\*\_\*\_\*



### 100 WATT CHALICE DOWNLIGHT PENDANT

#### Features

- Available in three configurations: Pendant (stem or cable), Wall, or Yoke mount
- 9 interchangeable lenses
- DMX or Mains Dimmable (0-10V available, consult factory)
- Push Button DMX Addressing and RDM compatibility
- Black, white, or silver finish; custom colors available
- Flicker Free operation with 8-bit or 16-bit modes
- Emergency Lighting Option: "Full-On" on loss of signal
- Power: 100W LED driver
- Weight: Approx 12 lbs.
- ETL, cETL and CE Listed for Indoor Use
- Made in the USA



#### Ordering Example: (Select item from each box)

Model	-	LED Array	-	Finish	-	Control
	-		-		-	

Project:	Approval Date:
Location:	Fixture Type:

**Specifications:**

**3000°K Output:** 4,200-5,200 Lumens, depending on lens choice.

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

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

**Light Engine:** Luxeon Rebel LEDs, 100 Watts total. Available in 3,000K, 4000K and 6000K White; 3,000K - 6,000K Variable White; RGBA or RGBW. Custom LED mixes available.

**Lenses:** 8" diameter PAR64 borosilicate glass lens (\*- choice of one included) or acrylic holographic lenses available

**Electrical:** Autoranging 100-240VAC 50/60Hz; 277V available (consult factory).

**Control:** DMX In & DMX Thru on one bare end Cat5e; or Mains Dimmable compatible with SCR-type forward or reverse phase dimmers; 0-10V control available (consult factory).

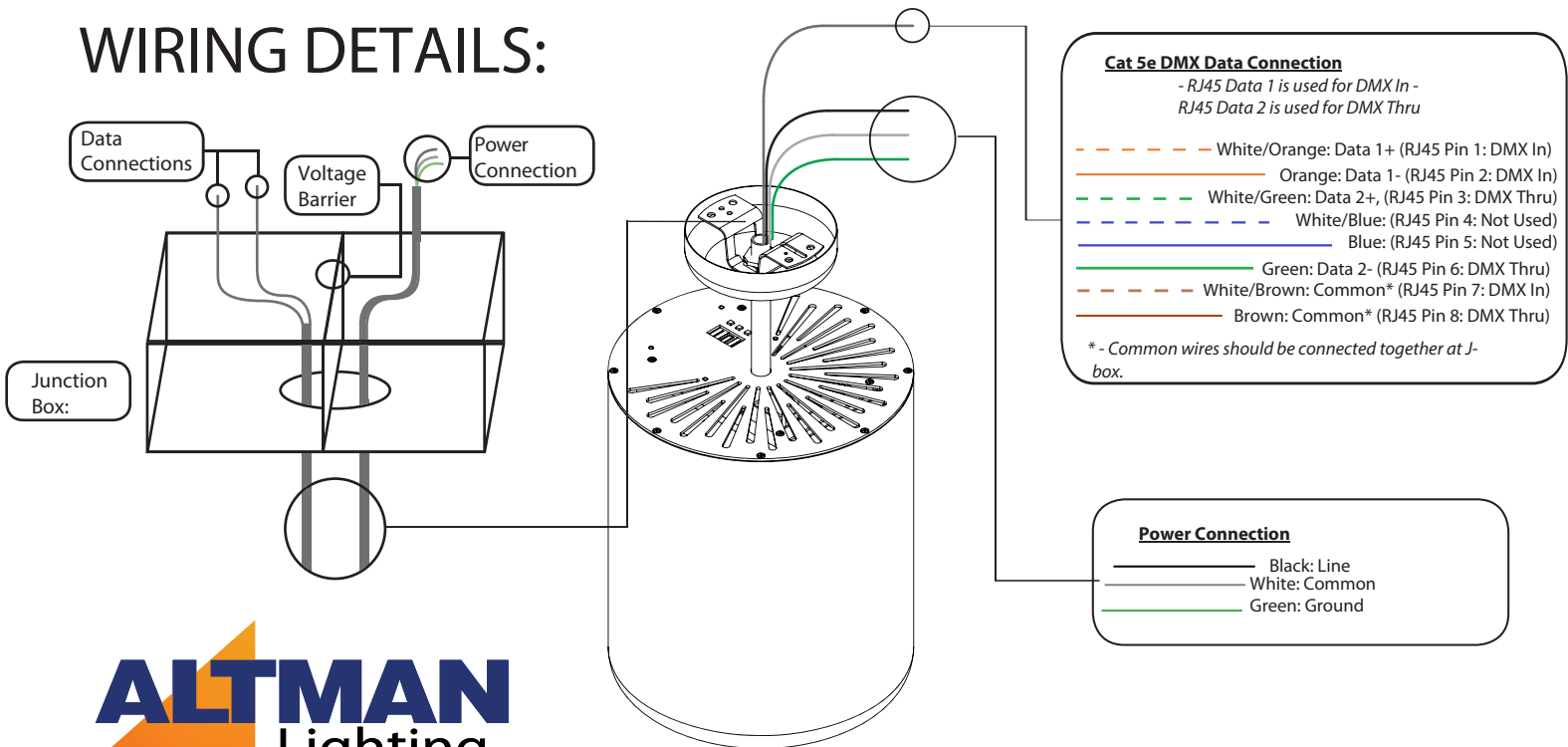
**Finish:** Black, White, or Silver TGIC polyester, electrostatic application. Custom colors available.

**Weight:** Approx. 12 lbs.

Model #	
CD#100-*_**_***	Chalice 100W LED Pendant Mount Downlight
# (Mounting Method)	Add the following code for Mounting Method: P=Pendant, W=Wall, Y=Yoke
* (LED Array)	Add the following code for LED Array: 3K, 4K, 6K, 3K6K, RGBA, RGBW, CUS
** (Body Color)	Add the following code for Body Color: B=Black, W=White, S=Silver, C=Custom
*** (Intensity Control)	Add the following code for Intensity Control: D=DMX, M=Mains Dimmable (SCR)

Accessories	Description
18-0110	Very Narrow Spot Glass PAR64 Lens*
18-0111	Narrow Flood Glass PAR64 Lens*
18-0112	Medium Flood Glass PAR64 Lens*
18-0113	Wide Flood Glass PAR64 Lens*
18-0114	Extra Wide Flood Glass PAR64 Lens*
SS-8CDL-20	20° Beam Angle Holographic Lens
SS-8CDL-30	30° Beam Angle Holographic Lens
SS-8CDL-60	60° Beam Angle Holographic Lens
SS-8CDL-P95	P95 Acrylic Diffusion Lens
70-3980	Aircraft Cable Suspension Assembly
99-C545-S-**	Ball Mount Assembly (** = BL, WH, SL)
CDP100-SN-**	Full Snoot (** = BL, WH, SL)
CDP100-HSN-*	Half Snoot (** = BL, WH, SL)
CDP100-CBSN-**	Cross Baffle Snoot (** = BL, WH, SL)
SS-8CDL-DMXTERM	DMX 120-Ohm Terminator Kit

**WIRING DETAILS:**



**Photometrics:**

Photometric data taken with all channels at full, and reflects the output of the fixture with each of the lensing systems installed. Comparisons between fixtures should only be made with photometric data that incorporates the lensing system to be used. Photometric data collected using a 3,000°K White LED fixture.

**Performance per Lens:**

VNSP PAR64 Glass Lens (9.5° x 9.5° Beam Angle)

Throw Distance (d)	10' 3m	15' 4.6m	20' 6.1m	25' 7.6m
Beam Size, (H x V)	1.9' x 1.9' 0.6m x 0.6m	2.9' x 2.9' 0.9m x 0.9m	3.86' x 3.86' 1.2m x 1.2m	4.8' x 4.8' 1.5m x 1.5m
Illuminance (fc)	639	284	160	102
Illuminance (lux)	6,876	3,056	1,722	1,098

NSP PAR64 Glass Lens (12.5° x 12.5° Beam Angle)

Throw Distance (d)	10' 3m	15' 4.6m	20' 6.1m	25' 7.6m
Beam Size, (H x V)	2.1' x 2.1' 0.6m x 0.6m	3.2' x 3.2' 1m x 1m	4.3' x 4.3' 1.3m x 1.3m	5.3' x 5.3' 1.6m x 1.6m
Illuminance (fc)	528	235	132	85
Illuminance (lux)	5,681	2,529	1,420	909

MFL PAR64 Glass Lens (21° x 14° Beam Angle)

Throw Distance (d)	10' 3m	15' 4.6m	20' 6.1m	25' 7.6m
Beam Size, (H x V)	3.2' x 1.9' 1m x 0.6m	4.8' x 2.9' 1.5m x .89m	6.4' x 3.8' 2m x 1.2m	8' x 4.8' 2.4m x 1.5m
Illuminance (fc)	256	114	64	41
Illuminance (lux)	2,755	1,227	689	441

WFL PAR64 Glass Lens (38.5° x 20° Beam Angle)

Throw Distance (d)	10' 3m	15' 4.6m	20' 6.1m	25' 7.6m
Beam Size, (H x V)	5' x 2.1' 1.5m x .7m	7.5' x 3.2' 2.3m x 1m	10' x 4.2' 3m x 1.3m	12.5' x 5.3' 3.8m x 1.6m
Illuminance (fc)	114	51	29	18
Illuminance (lux)	1,227	549	280	194

XWFL PAR64 Glass Lens

Throw Dis- tance (d)	10' 3m	15' 4.6m	20' 6.1m	25' 7.6m
Beam Size, (H x V)	9.5' x 9.6' 2.9m x 2.9m	14.3' x 14.3' 4.4m x 4.4m	19' x 19' 5.8m x 5.8m	23.8' x 24' 7.2m x 7.3m
Illuminance (fc)	35	18	11	7
Illuminance (lux)	377	204	118	75

20° Conical Holographic Lens

Throw Distance (d)	10' 3m	15' 4.6m	20' 6.1m	25' 7.6m
Beam Size, (H x V)	5.2' x 4.7' 1.6m x 1.4m	7.8' x 7.5' 2.4m x 2.3m	10.4' x 9.4' 3.2m x 2.9m	13' x 11.8' 4m x 3.6m
Illuminance (fc)	95	42	24	15
Illuminance (lux)	1022	452	258	161

30° Conical Holographic Lens

Throw Distance (d)	10' 3m	15' 4.6m	20' 6.1m	25' 7.6m
Beam Size, (H x V)	6.5' x 6.5' 2m x 2m	10' x 10' 3m x 3m	13' x 13' 4m x 4m	16' x 16' 5m x 5m
Illuminance (fc)	39	17	10	6
Illuminance (lux)	420	183	108	65

60° Conical Holographic Lens

Throw Distance (d)	10' 3m	15' 4.6m	20' 6.1m	25' 7.6m
Beam Size, (H x V)	11.3' x 12' 3.4m x 3.7m	17' x 18' 5.2m x 5.5m	23' x 24' 7m x 7.3m	28' x 30' 8.5m x 9m
Illuminance (fc)	30	13	7.5	5
Illuminance (lux)	323	140	81	54

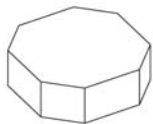
P95 Conical High Transmission Acrylic Lens

Throw Distance (d)	10' 3m	15' 4.6m	20' 6.1m	25' 7.6m
Beam Size, (H x V)	3.8' x 3.8' 1.2m x 1.2m	5.7' x 5.7' 1.7m x 1.7m	7.6' x 7.6' 2.3m x 2.3m	9.5' x 9.5' 2.9m x 2.9m
Illuminance (fc)	235	104	59	38
Illuminance (lux)	2529	1119	635	409

J-Box Connection Details:



Install the 1/4-20 flat head screw into the center threaded hole of the crossbar as shown. The Ground (green) screw is used by the Electrician to attach a wire to properly ground the Chalice LED fixture.

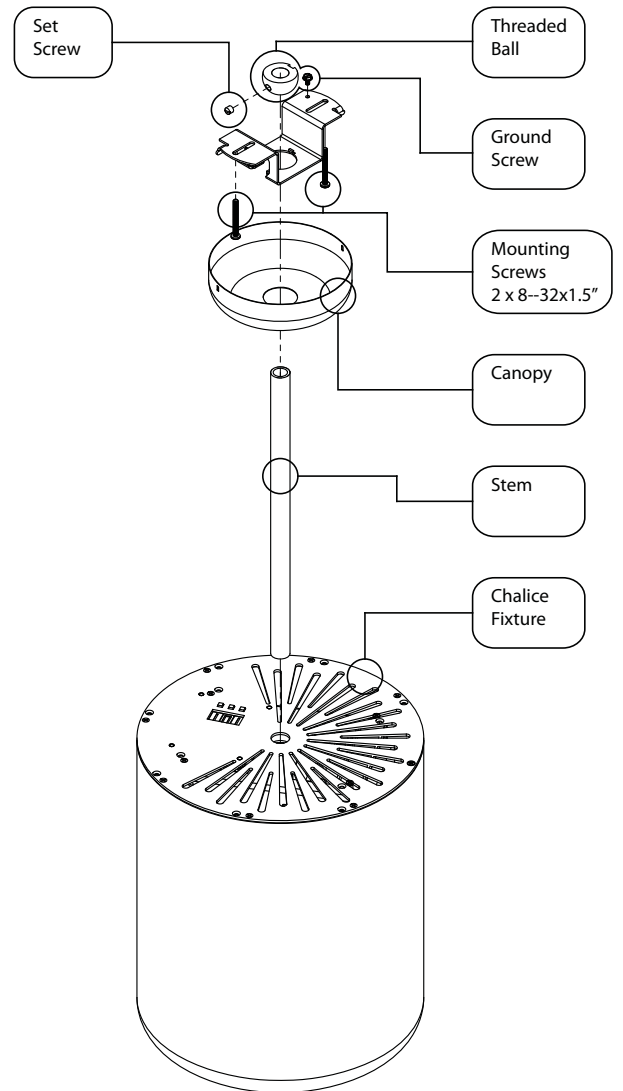


Use two (2) 8-32 screws to attach the crossbar to the junction box. *Not included*



Slide the canopy cover up onto the 1/4-20 center screw of the crossbar. Assemble to 99-CC1/4-202P couplar as shown and use it to hold the canopy cover in place. The 18/3 SVT power cable is fed into the junction box using the offset hole and 99-102 strain relief provided in the canopy cover.

Ball Mount Details:



# Cable Mount Details:

