

## RECESSED CHALICE DOWNLIGHT

## WASH LIGHTING

Catalog Numbers  
CDR100-\*\_\*\_\*\_\*\_\*\_\*

The Recessed 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 the fixture into an existing control system is easy with the simple three-button DMX addressing that is easily accessible from the bottom 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.

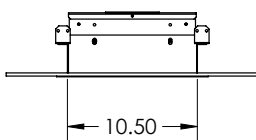
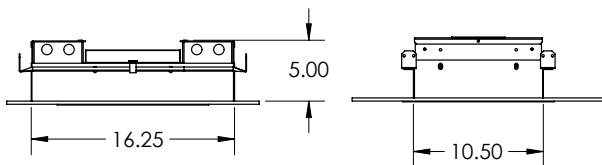
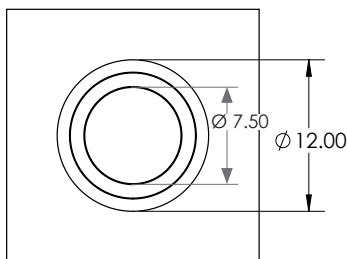
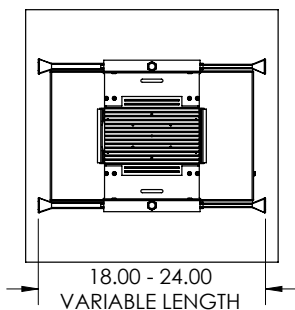


100 WATT

### RECESSED CHALICE DOWNLIGHT

#### Features

- 9 interchangeable lenses
- DMX or Mains Dimmable
- Push Button DMX Addressing and RDM compatibility
- DMX Pass through
- Flicker Free mode with 8-bit or 16-bit selectable operation
- Power: 100W LED driver
- Weight: Approx 10 lbs.
- ETL, cETL and CE Listed for Indoor Use
- Made in the USA



Model #	
CDR100-*_*_*_*_*_*	Chalice 100W LED Recessed Mount Downlight
* (LED Array)	Add the following code for LED Array: RGBA, RGBW, 3K, 3K6K
** (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)

Full IES Photometry available at [www.altmanlighting.com](http://www.altmanlighting.com).  
Lumens for the Chalice - 3K LED Light Engine - 6,000 Lumens.  
Lumen maintenance is rated at 70% at 50,000 hours.  
Specifications are subject to change without notice.

**ALTMAN**  
Lighting  
BRINGING IMAGINATION TO LIGHT

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Visit our website at [www.altmanlighting.com](http://www.altmanlighting.com)

**Specifications:**

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

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

**Light Engine:** Luxeon Rebel LED's, 100 Watt. Available in 3,000K White; 3,000K - 6,000K Variable White; RGBA or RGBW.

**Lenses:** 8" Diameter borosilicate glass PAR 64 or Acrylic conical

**Rating:** Multi-Voltage; 100-240V AC 50/60 Hz or Mains Dimmable Direct Driver compatible with SCR dimming modules. Rated for 50,000 hours.

**Data Ports:** 1 DMX in & 1 DMX through, Bare End Cat5. (DMX version ONLY)

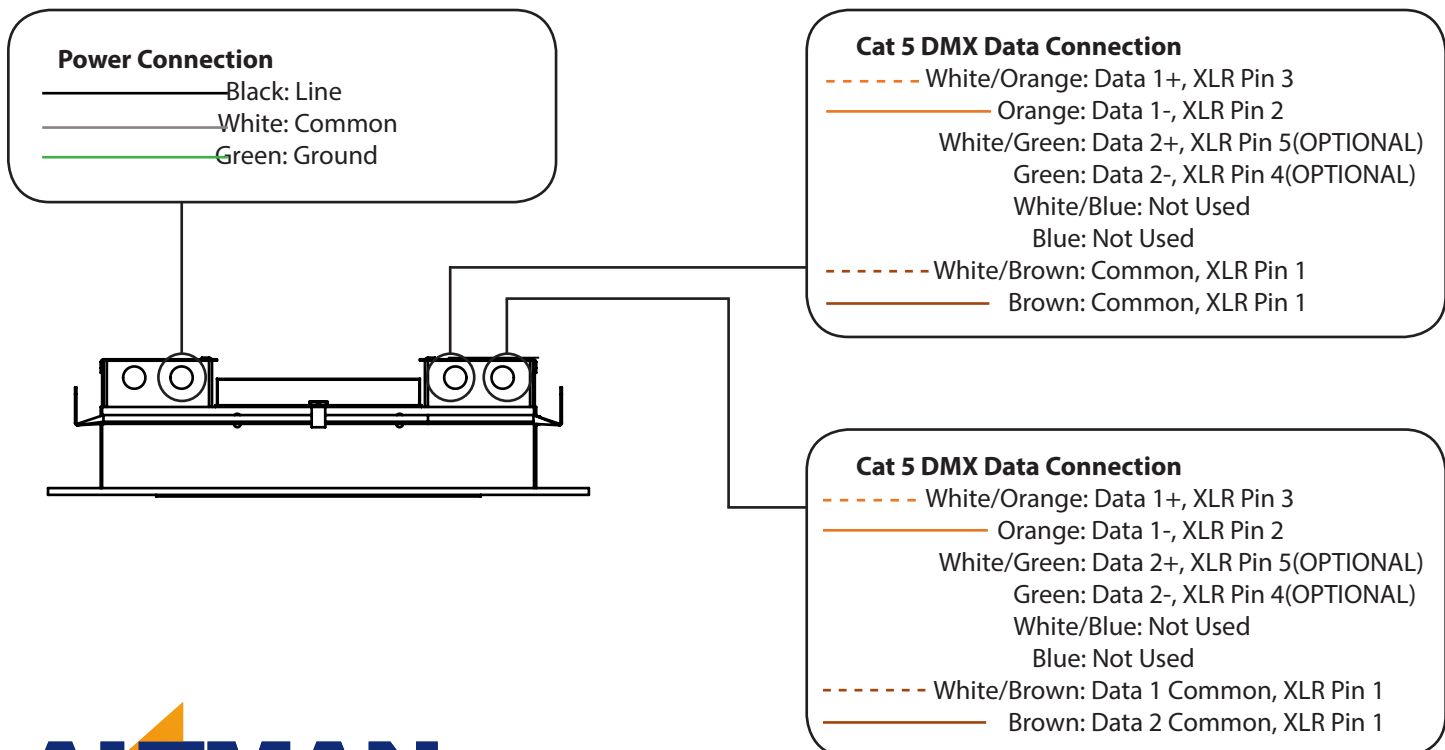
**Trim Ring:** White, Black or Silver finish TGIC polyester, electrostatic application. Custom Colors available. 12" exterior diameter, 7.5" interior diameter.

**Weight:** Approx. 12 lbs.

Model #	
CDR 100-*.**_***	Chalice 100W LED Pendant Mount Downlight
* (LED Array)	Add the following code for LED Array: RGBA, RGBW, 3K, 3K6K
** (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 Lens
18-0111	Narrow Flood Spread Lens
18-0112	Medium Flood Spread Lens
18-0113	Wide Flood Spread Lens
18-0114	Extra Wide Flood Spread Lens
SS-8CDL-20	20° Beam Angle Lens
SS-8CDL-30	30° Beam Angle Lens
SS-8CDL-60	60° Beam Angle Lens
SS-*CDL-P95	P95 Diffusion Lens

**WIRING DETAILS:**



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### 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 Lens

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 Lens

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 Lens

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 Lens

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 Lens

Throw Distance (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 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 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	23' x 23' 7m x 7m	16' x 16' 5m x 5m
Illuminance (fc)	39	17	10	6
Illuminance (lux)	420	183	108	65

#### 60° Conical 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 High Transmission Conical 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