



HIGH OUTPUT - DIRECT DC

Square Downlight

SPECIALIZED APPLICATION

Maximum brightness, unrivaled efficiency.

Optum Lighting's Direct DC - high output square down lights are shallow, lightweight, remarkably even light distribution pattern and consume 65% to 90% less energy than incandescent-based products.

Offering illumination performance unavailable from other manufacturers: **150 Lumens per watt, CRI 97, 100,000 hour life (L70).**

ETL Listed. RoHS compliant. Mercury free, no IR or UV radiation. EM/RF interference free.

Available in:

- 3,000K
- 3,500K
- 4,200K
- 5,000K
- **Tunable-White** (3,000K - 6,000K)
(Tunable range can be specified - contact Factory)

Offered in 4", 6", and 8" sizes.

Connects to the **Lumicat Digital Light Module** using Cat-5 cable or hard wire, providing the simplest, most cost-effective installation available.

- Thin profile - less than 3.15"
- Standard recessed fit for common ceiling panels
- Class 2 Power, no conduit needed



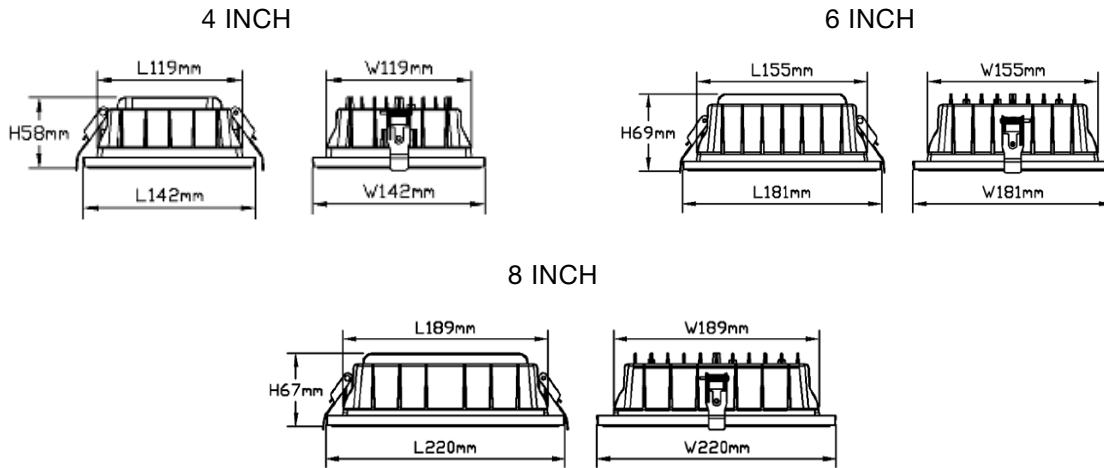
THE FUTURE OF LIGHTING



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DIMENSIONS



Part Numbers:

Example

RDL-TW-6-G

RDL- TW- 6- G
 Product Color Temperature Size Mounting Option

Size: 4 = 4" | 6 = 6" | 8 = 8"

Color Temperatures:

3 = 3,000K

4 = 3,500K

5 = 4,200K

6 = 5,000K

TW = Tunable-White (3000K - 6000K)

R = Recessed/Ceiling Grid | G = Gypsum Ceiling

LED LIGHT COLOR:



Warm White



Neutral White



Cool White

FEATURES:

- No UV or IR radiation
- Easy to install and mount, featuring integral spring fixture retention clamps
- Maintenance free
- Suitable for indoor/outdoor temperatures from -4 to +122 degrees F (-20 to +50 C)
- Solid-state construction shock and vibration resistance
- LEDs are super bright, high intensity and low power consumption
- Extremely long life: up to 100,000 hours (LM70)
- Fixture is IC rated and suitable for direct contact with insulation
- No RF interference

CERTIFICATIONS:



SPECIFICATIONS	
Power Consumption	4" = 15 Watts 6" = 21 Watts 8" = 30 Watts
Luminous Flux	4" = 880 Lumens 6" = 1320 Lumens 8" = 1950 Lumens
Beam Angle	90 Degrees
Dimming	0-100%
Housing Color	White
Fixture Material	Die Cast Aluminum Housing
Weight	4" = 510g 6" = 710g 8" = 1000g
Expected Lifespan	100,000 hours (LM70)
Warranty	10 years
Input Voltage	48VDC
Standards/Certifications	Made in USA, ETL Listed, RoHS, CE
Suitable Uses	Indoors - Dry Locations

