

Project: \_\_\_\_\_ Type: \_\_\_\_\_

Drawn by: \_\_\_\_\_ Catalogue #: \_\_\_\_\_ Date: \_\_\_\_\_

## Individual Spec Sheet

# RETRO GEN. 2

## 4" LED RETROFIT DOWNLIGHT

### ORDERING INFORMATION

**Order Code:** 70399  
**Model Number:** RDL4R-G2-10A-5CWH  
**UPC:** 069549034006  
**Case Quantity:** 32

### PHYSICAL DATA

**Size in (cm):** 5 1/2" x 1 7/8" (14 cm x 4.7 cm)  
**Shape:** Round  
**Finish:** White  
**Lens Type:** Frosted polycarbonate  
**Mounting:** Recessed

### PERFORMANCE DATA

**Watts (W):** 10  
**Volts (V AC):** 120  
**Color Temperature (K)<sup>1</sup>:** 2 700/3 000/3 500/4 000/5 000  
**Lumen Output (lm)<sup>2</sup>:** 820  
**Efficacy (lm/W):** 82  
**CRI:** 90+  
**Life L70 (h)<sup>3</sup>:** 50 000  
**Beam Angle (°):** 110  
**Environment:** Wet location  
**THD (%):** <30  
**Power Factor:** >0.9  
**Frequency (Hz):** 60  
**Operating Temp. Range:** -30 °C to 40 °C (-22 °F to 104 °F)  
**Dimming:** Phase cut (ELV / Triac)

<sup>1</sup> Typical color temperature range: +/- 5 %.

<sup>2</sup> Lumen values are derived from Energy Star reported data. Initial lumens range: +/- 10 %.

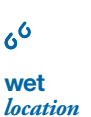
<sup>3</sup> Life hours are derived from IESNA LM-80 testing report and projected per IESNA TM-21 extrapolations.

### LUMEN SPECIFICATION TABLE

Watts (W)	2 700 K		3 000 K		3 500 K		4 000 K		5 000 K	
	Lumen output (lm)	Efficacy (lm/W)	Lumen output (lm)	Efficacy (lm/W)	Lumen output (lm)	Efficacy (lm/W)	Lumen output (lm)	Efficacy (lm/W)	Lumen output (lm)	Efficacy (lm/W)
10	959	96	993	99	1 033	103	1 048	105	1 007	101

#### DEFAULT PROGRAMMING

2 700 K

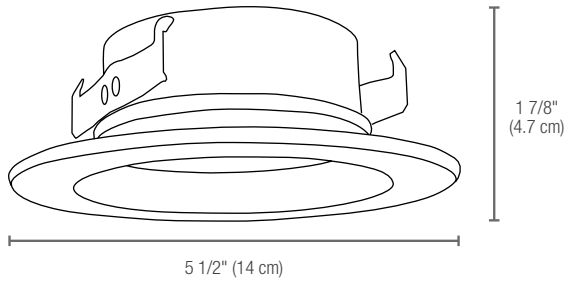


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005



This lighting equipment meets requirements of ICES-005 issue 5 class B for use in residential applications. Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.

**DIMENSIONS AND WEIGHTS**



Net weight (lbs)	0.32
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**COMPATIBLE DIMMERS<sup>1</sup>**

Brand	Model
Cooper	SLC03P
Leviton	6674, DDMX1, DSL06-1ZL, DSM10-1LZ, IPL06
Lutron	AYCL-253P, CTCL-153P, DVCL-153P, DVCL-253P, DVRP-253, PD-5NE, PD-6WCL, RRD-6NA, SELV-300P

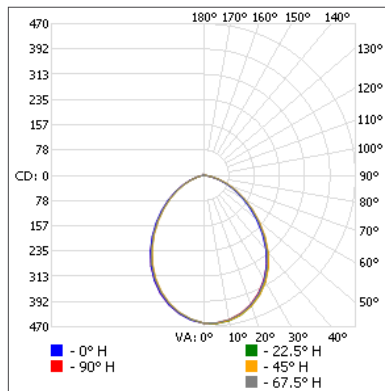
Dimming range: 10%-100%

<sup>1</sup> This table shows dimmers that have been tested and have demonstrated proper operation under normal conditions. Each installation being unique, various factors such as load, common neutrals or other electrical products on the circuit can, in certain instances, cause variance in system performance. Read and comply to the dimmer installation instructions. Consult dimming system manufacturer for additional support in operation. Some dimmers may require more than one product for stable operation. Stanpro recommends to use dimmers designed to work with LED products. Older dimmers designed for incandescent products may cause erratic operation.

**PHOTOMETRIC DATA<sup>1</sup>**

**70399 • RDL4R-G2-10A-5CWH • 3 000 K • 993 lm**

**Polar candela distribution**



**Zonal lumen summary**

Zone	Lumens	% Fixture
0-30	338.5	34.1
0-40	533.4	53.7
0-60	851.1	85.7
60-90	133.4	13.4
70-100	46.3	4.7
90-120	1.8	0.2
0-90	984.5	99.1
0-180	8.5	0.9
0-180	993.0	100

**Illuminance at a distance**

Center beam fc		Beam width	
1.7'	159	3.4'	3.4'
3.3'	42.1	6.6'	6.7'
5.0'	18.3	10.0'	10.1'
6.7'	10.2	13.5'	13.5'
8.3'	6.65	16.7'	16.7'
10.0'	4.58	20.1'	20.2'

■ Vert. spread: 90.2°  
■ Horiz. spread: 90.4°

<sup>1</sup> Complete IES files available on our website.

Qty	Description	Price

I accept the specifications of the luminaire configuration mentioned above.

Name: \_\_\_\_\_  
 Company: \_\_\_\_\_  
 Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. All products are subject to change or may be discontinued any time without notice. Please contact your Stanpro customer service representative to confirm inventory levels at time of order.