

## Series Spec Sheet

# LPDL™ ECO CHOICE

## LED LOW PROFILE DOWNLIGHT

### 5 CCT Selectable

LPDL™ ECO Choice is the most economical solution for space-limited downlight applications. Being less than 1" thick, it can be installed in any type of residential application such as basement, hallways, living room, and more. Available with an integrated 2 700/3 000/3 500/4 000/5 000 K selectable color temperature. It is also compatible with a lot of accessories making it very polyvalent and versatile. It's offered in a convenient 10-pack, ideal for both projects and contractors.

## FEATURES AND SPECIFICATIONS

### • Construction

#### Physical Characteristics

- White PC trim finish
- Available in 4" round
- 110° beam angle
- Frosted polycarbonate lens
- CCT selectable switch is placed on the LED module
- FT4 cable rating
- Available in 10 pack

#### Mounting

- LED module with LED driver easily installs with included quick connect wire
- Torsion spring mounting clips

### • Performance data

- Available in 2 700/3 000/3 500/4 000/5 000 K selectable color temperature
- 80+ CRI
- Electrical ratings: 120 V
- Estimated life of over 50 000 hours to L70
- Phase cut (ELV / Triac) dimming standard
- Operating temperature:
  - 30 °C to 45 °C (-22 °F to 113 °F)

### • Compliances

- cETLus listed for wet locations
- Energy Star
- Meets requirements of ICES-005 issue 5 class B for use in residential applications
- IC rated for direct contact with insulation
- Airtight as per ASTM E283 standard



quick  
ship



LED  
fixture



dimmable  
fixture



airtight



wet  
location



IC  
rated



ICES  
005



## OVERVIEW

Light source	LED
Watts (W)	9
Lumen output (lm)	767 - 968
Efficacy (lm/W)	85 - 96
Color temperature (K)	2 700/3 000/3 500/4 000/5 000
CRI	80+



## QUICK SHIP AND TECHNICAL SPECIFICATION TABLE ⌚

Order code	Model number	Watts	Volts	Color temp.	Lumen output	Efficacy	CRI	Life L70	Beam angle	Shape	Finish	Cable rating	Power factor	THD	Master case qty
		(W)	(V AC)	(K) <sup>1</sup>	(lm) <sup>2</sup>	(lm/W)		(hrs) <sup>3</sup>	(°)					(%)	
<b>4" Round</b>															
<b>70144</b>	LPDL4R-9A-5CWH-ECO/CHOICE	9	120	2 700/3 000/3 500/4 000/5 000	750	83.3	80+	50 000	110	Round	White	FT4	>0.9	<20	50
<b>10 Pack</b>															
<b>70145</b>	LPDL4R-9A-5CWH-ECO/CHOICE 10P	9	120	2 700/3 000/3 500/4 000/5 000	750	83.3	80+	50 000	110	Round	White	FT4	>0.9	<20	4

<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

Order code	Model number	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)
<b>70144</b>	LPDL4R-9A-5CWH-ECO/CHOICE	9	767	85	809	90	857	95	868	96	829	92
<b>70145</b>	LPDL4R-9A-5CWH-ECO/CHOICE 10P	9	767	85	809	90	857	95	868	96	829	92

### DEFAULT PROGRAMMING

2 700 K

## ACCESSORIES (order separately)

Order code	Model number	Type	Inner diameter (in)	Outer diameter (in)	Master case qty
<b>66821<sup>1</sup></b>	ACC/MPLATE/4.25IN/HANG.BARS/STD	Mounting plate with hanger bars	4 1/4	-	24
<b>66058</b>	ACC/MPLATE/4.25/ADJ/STD	Adjustable mounting plate	4 1/4	-	24
<b>66051</b>	ACC/MPLATE/4.25/SQR/STD	Square mounting plate	4 1/4	-	96
<b>66143</b>	ACC/4/VAPOR BARRIER/STD	Vapor barrier extender	4 1/4	-	50
<b>68986</b>	GOOF RING-4.25IN	Goof rings	4 1/4	6 1/2	120

<sup>1</sup> Includes brackets and screws.

## COMPATIBLE DIMMERS<sup>1</sup>

Brand	Model
<b>Legrand</b>	RH730PTUTC
<b>Cooper</b>	AAL06, DAL06P, SAL06P3
<b>Leviton</b>	6674, DDMX1, DSL06-1LZ, DSM10-1LZ, IPL06
<b>Lutron</b>	AYCL-253P, DVCL-153P, DVCL-253P, DVELV-300P, HCL453P, MACL-153P, PD-6WCL, SELV-300P

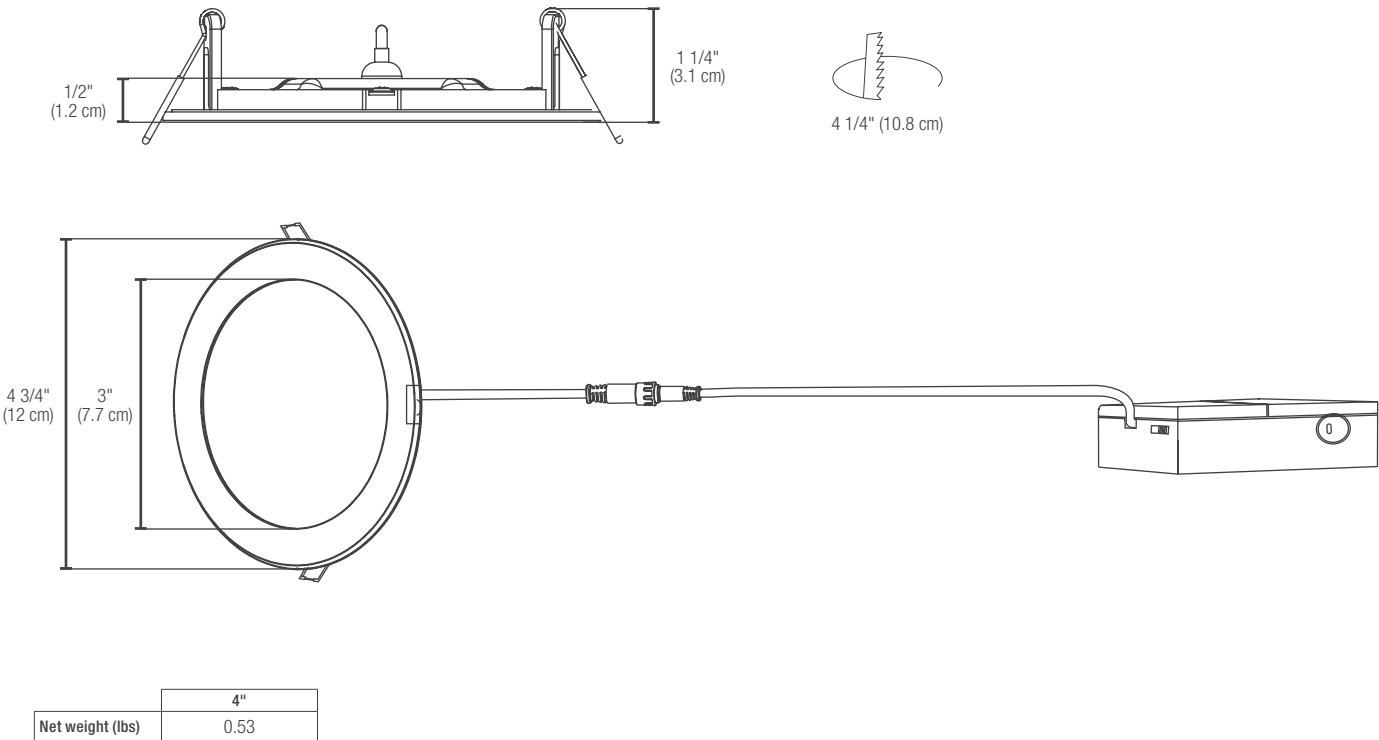
Dimming range: 10%-100%

<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.

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.



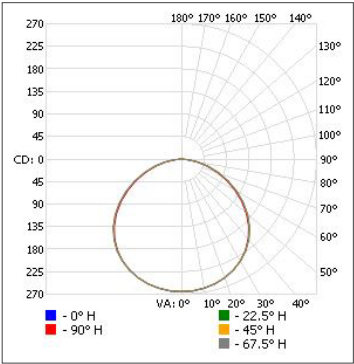
DIMENSIONS AND WEIGHTS



PHOTOMETRIC DATA<sup>1</sup>

70144 • LPDL4R-9A-5CWH-ECO/CHOICE • 3 000 K • 809.4 lm

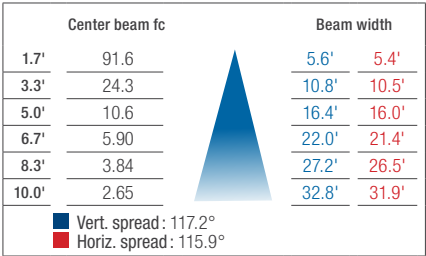
Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	210.7	26
0-40	350.2	43.3
0-60	631.3	78
60-90	177.7	22
70-100	77.0	9.5
90-120	0.4	0.1
0-90	809.0	99.9
90-180	0.4	0.1
0-180	809.4	100

Illuminance at a distance



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

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