

Series Spec Sheet

LPDL™ REGRESSED

LED REGRESSED LOOK DOWNLIGHT

5 CCT Selectable

LPDL™ Regressed downlight offers high lumen with a glare-free solution while remaining high energy efficient. Available with an integrated 2 700/3 000/3 500/4 000/5 000 K selectable color temperature with 90+ CRI for true color accuracy. This luminaire is wet location listed, making it ideal for use in a breadth of indoor and outdoor applications.

FEATURES AND SPECIFICATIONS

• Construction

Physical Characteristics

- White aluminum trim finish
- Available in 4" and 6" round
- 110° beam angle
- Frosted polycarbonate lens
- CCT selectable switch is placed on the back of the LED module
- FT4 cable rating

Mounting

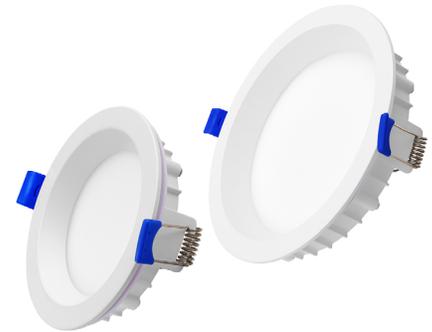
- LED module with LED driver easily installs with included quick connect wire
- Torsion spring mounting clips

• Performance data

- Available in 2 700/3 000/3 500/4 000/5 000 K selectable color temperature
- 90+ CRI for true color accuracy
- 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



OVERVIEW

Light source	LED
Watts (W)	9, 12
Lumen output (lm)	721 - 1 093
Efficacy (lm/W)	80 - 91
Color temperature (K)	2 700/3 000/3 500/ 4 000/5 000
CRI	90+



QUICK SHIP AND TECHNICAL SPECIFICATION TABLES 

Order code	Model number	Watts (W)	Volts (V AC)	Color temp. (K) ¹	Lumen output (lm) ²	Efficacy (lm/W)	CRI	Life L70 (hrs) ³	Beam angle (°)	Cable rating	Finish	Shape	Power factor	THD (%)	Case qty (master)
4"															
70026	LPDL4R/RG-9A-5CWH	9	120	2 700/3 000/3 500/4 000/5 000	750	83.3	90+	50 000	110	Round	White	FT4	>0.9	<20	24
6"															
70027	LPDL6R/RG-12A-5CWH	12	120	2 700/3 000/3 500/4 000/5 000	1 200	100	90+	50 000	110	Round	White	FT4	>0.9	<20	24

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

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

³ 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)								
70026	LPDL4R/RG-9A-5CWH	9	721	80	737	82	769	85	777	86	780	87
70027	LPDL6R/RG-12A-5CWH	12	1 032	86	1 038	87	1 064	89	1 082	90	1 093	91

DEFAULT PROGRAMMING

2 700 K

ACCESSORIES (order separately)

Order code	Model number	Type	Inner diameter (in)	Opening diameter (in)	Case qty (master)
66821 ¹	ACC/MPLATE/4.25IN/HANG.BARS/STD	Mounting plate with hanger bars	4 1/4	-	24
66058	ACC/MPLATE/4.25/ADJ/STD	Adjustable mounting plate	4 1/4	-	24
66051	ACC/MPLATE/4.25/SQR/STD	Square mounting plate	4 1/4	-	96
66143	ACC/4/VAPOR BARRIER/STD	Vapor barrier extender	4 1/4	-	50
68986	GOOF RING-4.25IN	Goof rings	4 1/4	6 1/2	120
66822 ¹	ACC/MPLATE/6.25IN/HANG.BARS/STD	Mounting plate with hanger bars	6 1/4	-	25
64921	RF/ACC/6/MOUNT.PLATE/ADJ/STD	Adjustable mounting plate	6 1/4	-	24
64263	ACC/MPLATE/6.25IN/SQR/STD	Square mounting plate	6 1/4	-	96
66144	ACC/6/VAPOR BARRIER/STD	Vapor barrier extender	6 1/4	-	50
68987	GOOF RING-6.25IN	Goof rings	6 1/4	7 7/8	120
64264 ²	LPDL/ACC/6FT/EXTCABLE/STD	6' extension cord	-	-	96

¹ Includes brackets and screws.

² Up to 6 FT4 extension cords can be connected together.

COMPATIBLE DIMMERS¹

4" & 6"	
Brand	Model
Legrand	RH730PTUTC
Cooper	AAL06, DAL06P, SAL06P3
Leviton	6615, 6674, DDMX1, DSL06-1LZ, DSM10-1LZ, IPE04-1LZ, IPL06
Lutron	AYCL-253P, CTCL-153P, DVCL-153P, DVCL-253P, DVELV-300P, HCL453P, MACL-153P, PD-6WCL, SELV-300P

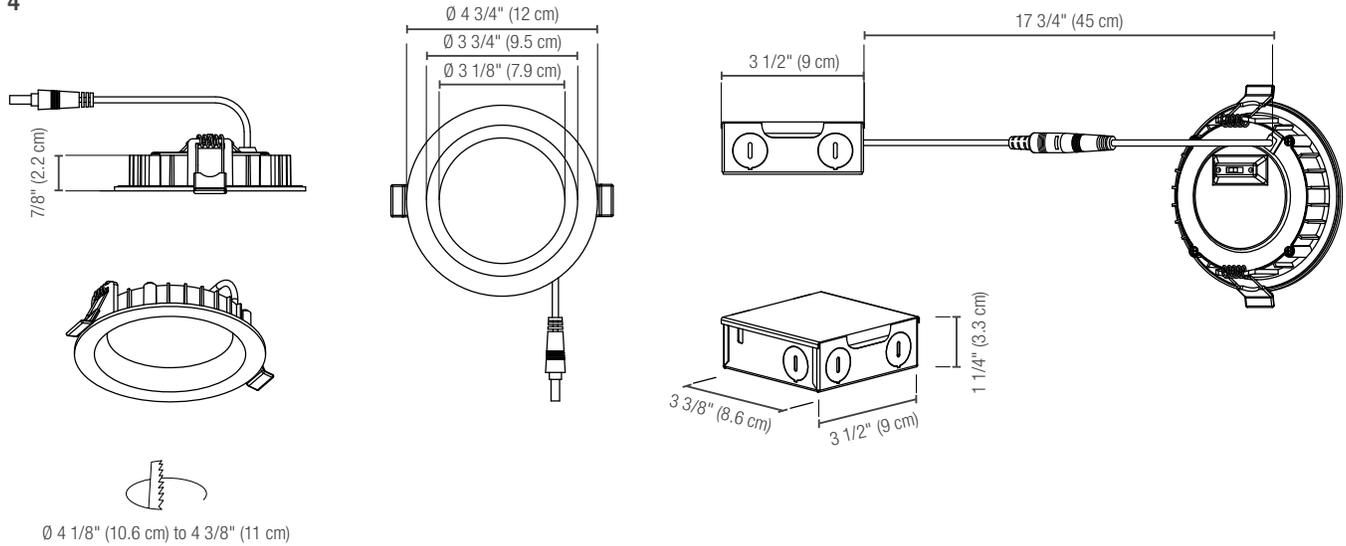
Dimming range: 10%-100%

¹ 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.

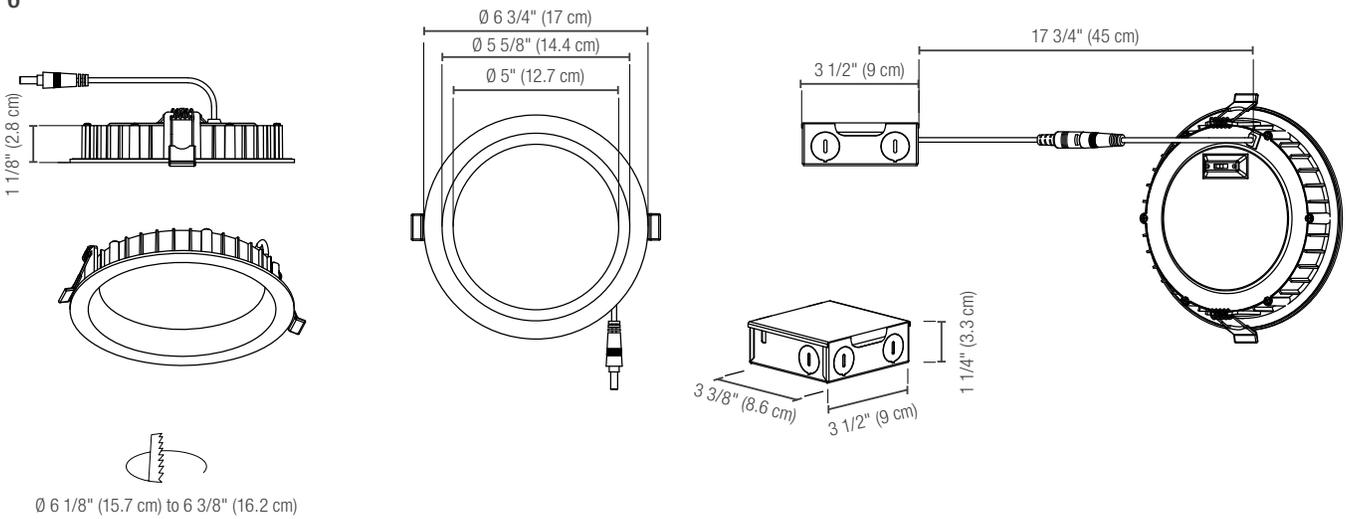
Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. All products are subject to change or may be discontinued any time without notice. Please contact your Stanpro customer service representative to confirm inventory levels at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

DIMENSIONS AND WEIGHTS

4"



6"



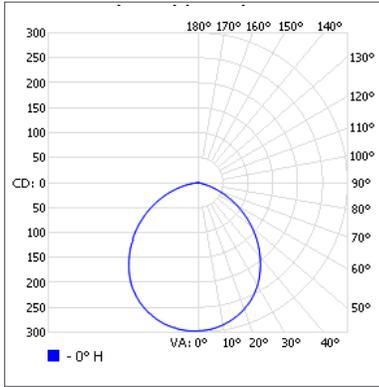
	4"	6"
Net weight (lbs)	0.91	1.08

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PHOTOMETRIC DATA¹

70026 • LPDL4R-RG-9A-5CWH • 3 000 K • 737.2 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	229.1	31.1
0-40	370.8	50.3
0-60	626.0	84.9
60-90	111.2	15.1
0-90	737.2	100

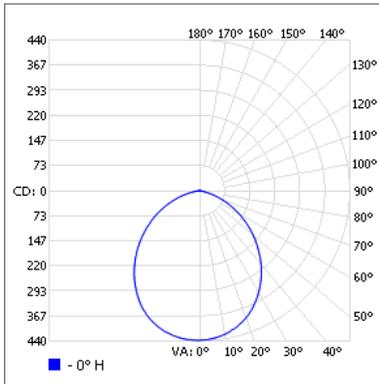
Illuminance at a distance

Center beam fc	Beam width	
	4.3'	4.3'
1.7'	103	4.3'
3.3'	27.3	8.3'
5.0'	11.9	12.5'
6.7'	6.62	16.8'
8.3'	4.31	20.8'
10.0'	2.97	25.1'

■ Vert. spread: 102.9°
■ Horiz. spread: 102.9°

70027 • LPDL6R-RG-12A-5CWH • 3 000 K • 1038.0 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	333.3	32.1
0-40	534.3	51.5
0-60	888.5	85.6
60-90	149.5	14.4
0-90	1 038.0	100

Illuminance at a distance

Center beam fc	Beam width	
	4.0'	4.0'
1.7'	151	4.0'
3.3'	40.1	7.8'
5.0'	17.5	11.7'
6.7'	9.73	15.7'
8.3'	6.34	19.5'
10.0'	4.37	23.5'

■ Vert. spread: 99.2°
■ Horiz. spread: 99.2°

¹ Complete IES files available on our website.

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