

LPDL LED 3" ROUND LOW PROFILE DOWNLIGHT

LPDL™ gives you all the flexibility you need during installation, especially in confined area or when facing constraints such as wood beams, ceiling joist or air ducts. The driver is mounted separately from the light source which allows the luminaire profile to be less than 1" thick! This 3" LPDL is perfect for any application.

FEATURES AND SPECIFICATIONS

• Construction

Finishing

- White and Brushed Nickel
- 110° beam
- 3" Round

Mounting

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

• Compliances

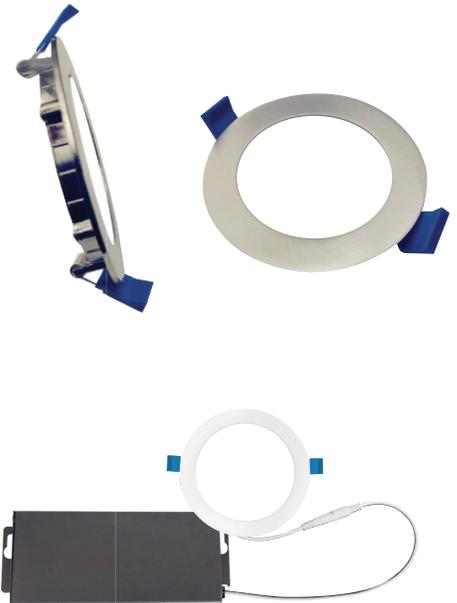
- cETLus
- Energy Star

• Technical specifications

- Phase-cut dimming
- Color temperature 3 000-2 200, 2 700, 3 000 and 4 000 K
- Ambient temperature: -20°C to 45°C
- IC certified
- Suitable for damp location
- FT4 rating
- Air tight

OVERVIEW

Light source	LED
Watts (W)	7
Lumen output (lm)	400 - 500
Efficiency (lm/W)	57 - 71
Color temperature (K)	3 000-2 200, 3 000, 4 000,
CRI	80



ICES
005



dimmable
fixture



warm
dim



damp
location



IC
rated



airtight



Quick
connect



QUICK SHIP AND TECHNICAL SPECIFICATION TABLE 



S1 - Small junction box

Order code	Description	Watts (W)	Volts (VAC)	Color temp. (K) ²	Lumen output (lm) ³	Efficiency (lm/W)	CRI	Life L70 (hrs) ⁴	Tested hours LM-80 (hrs) ⁴	Beam angle (°)	Cable rating	Finish	Power factor	THD (%)	Traditional equivalent (W)	Case qty (master)
3" Round																
65851	LPDL3/RND/7W/30K/WH/STD	7	120	3 000	480	69	80	50 000	9 000	110	FT4	White	>0.9	<40	50	24
65852	LPDL3/RND/7W/30K/BN/STD	7	120	3 000	480	69	80	50 000	9 000	110	FT4	Brushed nickel	>0.9	<40	50	24
65853	LPDL3/RND/7W/40K/WH/STD	7	120	3 000	500	71	80	50 000	9 000	110	FT4	White	>0.9	<40	50	24
65854	LPDL3/RND/7W/40K/BN/STD	7	120	4 000	500	71	80	50 000	9 000	110	FT4	Brushed nickel	>0.9	<40	50	24
3" Round Warm-Dim																
65858	LPDL3/RND/7W/30-22K/WH/W-DIM/STD	7	120	3 000-2 200	400	57	80	50 000	9 000	110	FT4	White	>0.9	<40	50	24
65859	LPDL3/RND/7W/30-22K/BN/W-DIM/STD	7	120	3 000-2 200	400	57	80	50 000	9 000	110	FT4	Brushed nickel	>0.9	<40	50	24

¹ **QUICK SHIP:** Product availability is subject to change without notice. Please contact your Stanpro customer service representative to confirm inventory levels at time of order.

² Typical color temperature range: +/- 5 %.

³ Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %.

⁴ Life hours are derived from IESNA LM-80-08 testing report and projected per IESNA TM-21-11 extrapolations.

ACCESSORIES (order separately)

Part number	Description	Type	Opening diameter (in)	Case qty (master)
66056	ACC/MPLATE/3.625IN/ADJ/STD	Adjustable mounting plate	3 5/8	96
66049	ACC/MPLATE/3.625IN/SQR/STD	Square mounting plate	3 5/8	96
66142	ACC/3/VAPOR BARRIER/STD	Vapor barrier extender	3 5/8	50
66820	ACC/MPLATE/3.625IN/HANG.BARS/STD	Mounting plate with hanger bars	3 5/8	25
64264	LPDL/ACC/6FT/EXTCABLE/STD	6' Extension cord	-	96

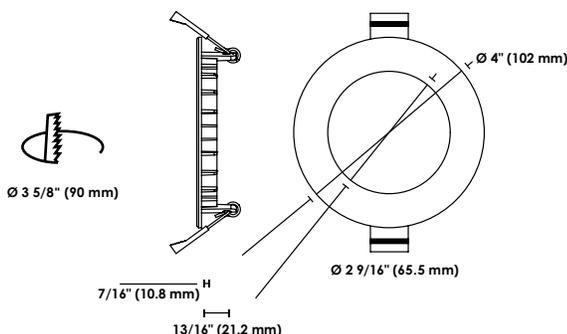


COMPATIBLE DIMMERS

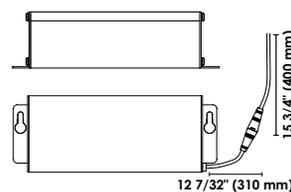
Brand	Product type & dimmer model number
LEGRAND	HCL453P
COOPER	AAL06, DAL06P, SLC03P
LEVITON	6674, DSL06-1LZ, IPE04-1LZ
LUTRON	AYCL-253P, CTCL-153P, DVCL-153P, DVCL-253P, DVELV-300P, MACL-153P, NTELV-600, SELV-300P

NOTE: The above 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. Standard recommends to use dimmers designed to work with LED products. Older dimmers designed for incandescent products may cause erratic operation. Some dimmers may require more than one product for stable operation. The maximum number of products is determined by the dimmer wattage rating with LEDs. Be careful, these dimmers have different ratings depending on the product type. Again, refer to the dimmer installation instructions.

DIMENSIONS



3" LED DRIVER

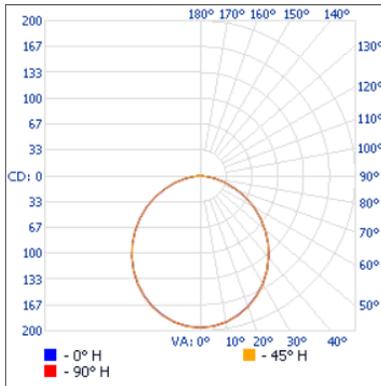


Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. All products are subject to change or may be discontinued any time without notice.

PHOTOMETRIC DATA¹

65851 • LPDL3/RND/7W/30K/WH/STD • 531.3 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	149.7	28.2%
0-40	243.1	45.8%
0-60	422.7	79.6%
60-90	107.8	20.3%
70-100	45.2	8.5%
90-120	0.4	0.1%
0-90	530.6	99.9%
90-180	0.7	0.1%
0-180	531.3	100%

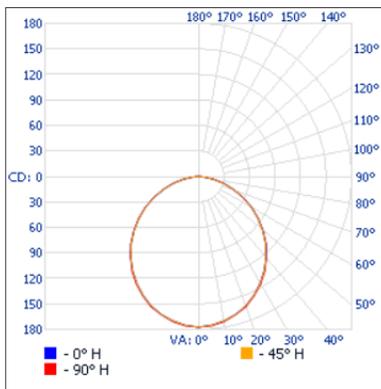
Illuminance at a distance

	Center beam fc	Beam width
1.7'	4.6	4.6' 4.7'
3.3'	18.0	9.0' 9.0'
5.0'	7.83	13.6' 13.7'
6.7'	4.36	18.3' 18.4'
8.3'	2.84	22.6' 22.7'
10.0'	1.96	27.3' 27.4'

Vert. spread: 107.5°
Horiz. spread: 107.7°

65853 • LPDL3/RND/7W/40K/WH/STD • 479.4 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	135.2	28.2%
0-40	219.6	45.8%
0-60	381.8	79.6%
60-90	97.4	20.3%
70-100	40.8	8.5%
90-120	0.2	0%
0-90	479.2	100%
90-180	0.2	0%
0-180	479.4	100%

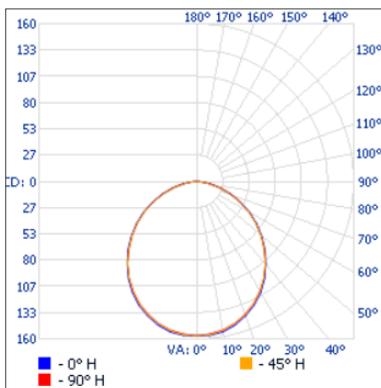
Illuminance at a distance

	Center beam fc	Beam width
1.7'	61.3	4.6' 4.7'
3.3'	16.3	9.0' 9.1'
5.0'	7.09	13.6' 13.7'
6.7'	3.95	18.2' 18.4'
8.3'	2.57	22.6' 22.8'
10.0'	1.77	27.2' 27.4'

Vert. spread: 107.4°
Horiz. spread: 107.8°

65858 • LPDL3/RND/7W/30-22K/WH/W-DIM/STD • 414.8 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	120.2	29%
0-40	194.9	47%
0-60	336.0	81%
60-90	78.8	19%
70-100	31.2	7.5%
90-120	0	0%
0-90	414.8	100%
90-180	0.0	0%
0-180	414.8	100%

Illuminance at a distance

	Center beam fc	Beam width
1.7'	54.3	4.6' 4.5'
3.3'	14.4	8.9' 8.7'
5.0'	6.27	13.4' 13.2'
6.7'	3.49	18.0' 17.7'
8.3'	2.28	22.3' 21.9'
10.0'	1.57	26.9' 26.4'

Vert. spread: 106.7°
Horiz. spread: 105.7°

¹ Complete IES files available on our website.

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