

Series Spec Sheet

DL

LED TRADITIONAL

LED downlight with dual installation

Limited stock, consult factory for availability

These dimmable LED downlight kits combine exceptional light output with the traditional downlight look. They are versatile and allow the user to easily convert most traditional recessed fixtures by installing them into a housing or installing them directly into a junction box.

FEATURES AND SPECIFICATIONS

• Construction

Finishing

- Trim finish : Silver and Black
- Available shape and sizes : Round, 4" and 6"

Mounting

- Easy installation using quick access keyhole design
- Dual installation : Retrofit and J-Box

• Technical specifications

- Phase cut dimming (TRIAC/ELV)
- Color temperature : 2 700, 3 000 and 4 000 K
- Estimated lifespan of 54 000 hours to L70
- Ambient temperature : -20° - +45°
- Suitable for damp location
- 113° beam angle

• Compliances

- Energy Star
- cULus

OVERVIEW

Light source	LED
Watts (W)	10, 12.5
Lumen output (lm)	682 - 809
Efficiency (lm/W)	64 - 65
Color temperature (K)	2 700, 3 000, 4 000
CRI	80+



QUICK SHIP AND TECHNICAL SPECIFICATION TABLE  ¹

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 (°)	Finish	Power factor	THD (%)	Traditional equivalent (W)	Case qty (master)
4" Round															
63642	LED/DL4/10W/27K/RETRO/BLK/STD	10	120	2 700	682	68	80+	40 000	9 000	113	Black	>0.9	<20	50	16
63643	LED/DL4/10W/27K/RETRO/GRY/STD	10	120	2 700	682	68	80+	40 000	9 000	113	Silver	>0.9	<20	50	16
63645	LED/DL4/10W/30K/RETRO/BLK/STD	10	120	3 000	684	68	80+	40 000	9 000	113	Black	>0.9	<20	50	16
63646	LED/DL4/10W/30K/RETRO/GRY/STD	10	120	3 000	684	68	80+	40 000	9 000	113	Silver	>0.9	<20	50	16
63649	LED/DL4/10W/40K/RETRO/GRY/STD	10	120	4 000	723	72	80+	40 000	9 000	113	Silver	>0.9	<20	50	16
6" Round															
63654	LED/DL6/12.5W/30K/RETRO/BLK/STD	12.5	120	3 000	809	65	80+	40 000	9 000	113	Black	>0.9	<20	65	16
63655	LED/DL6/12.5W/30K/RETRO/GRY/STD	12.5	120	3 000	809	65	80+	40 000	9 000	113	Silver	>0.9	<20	65	16

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.

COMPATIBLE DIMMERS¹

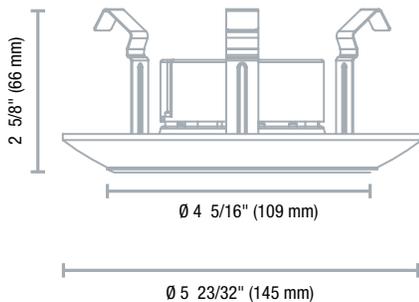
Brand	Model number
Leviton	IPL06, 6674, 6683
Lutron	LGCL-153P, SCL-153P-LA, MACL-153MR, S-600PR, S2-L, TGCL-153PH

Dimming range: 10%-100%.

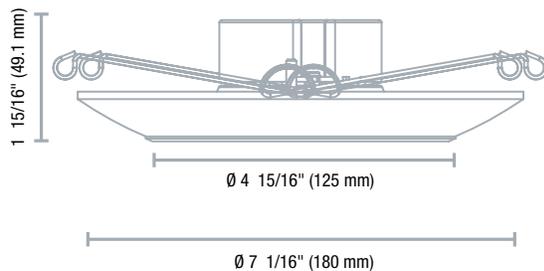
NOTE: The above table shows dimmers that have been tested and have demonstrated proper operation under normal conditions. Each installation being unique, various factors such as load, common neutrals or other electrical products on the circuit can, in certain instances, cause variance in system performance. 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

4"



6"



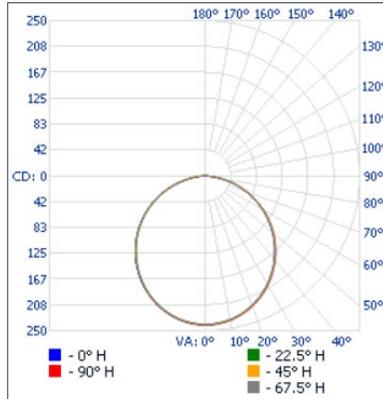
Limited stock, consult factory for availability

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

63649 • LED/DL4/10W/40K/RETRO/GRY/STD • 681.5 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	185.5	27.2%
0-40	303.4	44.5%
0-60	537.0	78.8%
60-90	142.9	21%
70-100	57.4	8.4%
90-120	0.4	0.1%
0-90	679.9	99.8%
90-180	1.6	0.2%
0-180	681.5	100%

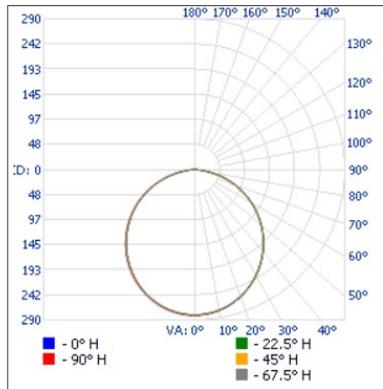
Illuminance at a distance

Center beam fc		Beam width	
1.7'	83.0 fc	5.1'	5.1'
3.3'	22.0 fc	9.8'	9.9'
5.0'	9.60 fc	14.9'	15.0'
6.7'	5.35 fc	19.9'	20.1'
8.3'	3.48 fc	24.7'	24.9'
10.0'	2.40 fc	29.8'	30.0'

■ Vert. spread: 112.2°
■ Horiz. spread: 112.6°

63654 • LED/DL6/12.5W/30K/RETRO/BLK/STD • 800.1 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	217.1	27.1%
0-40	355.4	44.4%
0-60	630.2	78.8%
60-90	168.5	21.1%
70-100	67.7	8.5%
90-120	0.4	0%
0-90	498.7	99.8%
90-180	1.3	0.2%
0-180	800.1	100%

Illuminance at a distance

Center beam fc		Beam width	
1.7'	97.0 fc	5.1'	5.2'
3.3'	25.8 fc	9.9'	10.0'
5.0'	11.2 fc	15.0'	15.2'
6.7'	6.25 fc	20.1'	20.3'
8.3'	4.07 fc	25.0'	25.2'
10.0'	2.80 fc	30.1'	30.3'

■ Vert. spread: 112.7°
■ Horiz. spread: 113.1°

¹ Complete IES files available on our website.

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