

PROJECT:		DATE:	
DISTRIBUTOR:		CATALOGUE #:	
DRAWN BY:		CONTRACTOR:	
		PO:	



STANPRO

SPEC SHEET

FEATURES AND SPECIFICATIONS

CONSTRUCTION

Housing

- The body is made of die-cast aluminium

Finishes

- Inner baffle: Matt white, matt black, matt silver, matt gold
- Flange: White, black
- Inner baffle made of strong and resistant polycarbonate material

Optics

- Individual optical component for each cell for better control of light and a better definition of beam diffusion.

Beam angle

- Narrow flood (24°)
- Flood (40°)

Ambient temperature

- 20°C to 35°C

COMPLIANCES

- cETLus
- ICES-005 for Class B products
- Suitable for dry locations

INSTALLATION

- Recessed mount with simple torsion spring clips. Remote junction box and driver with easy quick connectors to the LED engine.
- Type non-IC, suitable for use in non-insulated ceilings. Refer to the installation instructions for more details.

SPECIFICATIONS

- Available in 3 000 and 4 000 K single color temperatures.
- Quality LED light with high color rendering of 90.
- LED chip binning 3 step MacAdam Ellipse to ensure color consistency.

Dimming

- 2 cells and 3 cells configurations are not dimmable and available in 120-277 V only.
- 5 cells configuration is available with phase-cut line voltage dimming when choosing 120 V or 0-10 V dimming when choosing 120-277 V option.
- 10 cells configuration is available with phase-cut line voltage dimming and with 0-10 V dimming when choosing 120 V option.

Lumens and efficacy

- 160-170 lm/cell
- Watts: 4-22 W
- Efficacy: 61-90 lm/W



ORDERING GUIDE

L3DOT		F	L	S1	90					
Series	Configuration	Type	Lamp Type	Lumen package (lm/cell)	CRI	Volts (V)	Inner baffle finish	Flange finish	Color temp. (K)	Beam angle (°)
L3DOT	2 - 2 cells 3 - 3 cells 5 - 5 cells 10 - 10 cells	F - Fixed	L - LED	S1 - 160-170	90 - 90+	A - 120 ¹ W - 120-277 ²	W - White B - Black S - Silver ³ G - Gold ³	W - White B - Black	30K - 3 000 40K - 4 000	N - Narrow Flood (24) F - Flood (40)

¹ For 5 cells configuration phase-cut dimming with 120 V.

² For 10 cells configuration available with phase-cut and 0-10 V dimming with 120 V.

³ For 2 and 3 cells configurations non-dimmable 120-277 V only.

⁴ For 5 cells configuration 0-10 V dimming with 120-277 V.

⁵ For silver and gold inner baffle finish, configuration available for 5 and 10 cells.

QUICK SHIP AND TECHNICAL SPECIFICATION TABLE

Type	Order Code	Model Number	Watts (W)	Volts (V AC)	Color Temp. (K) ¹	Lumen Output (lm) ²	Efficacy (lm/W)	CRI	Tested Hours LM-80 (hrs) ³	Beam Angle (°)	Finish	Dimming (Yes/No)
2 Cells												
	69351	L3DOT-2F-LS190-WWW/30K-F	4	120-277 ⁴	3 000	160-170	40-42	90+	50 000	40	White	No
5 cells												
	69354	L3DOT-5F-LS190-ABB/30K-F	13	120 ⁵	3 000	160-170	40-42	90+	50 000	40	Black	Yes

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

² Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %.

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

⁴ For 2 cells configurations non-dimmable 120-277 V only.

⁵ For 5 cells configuration phase-cut dimming with 120 V.

Consult factory for lead time.

FINISHES AVAILABLE

Inner Baffle Finish



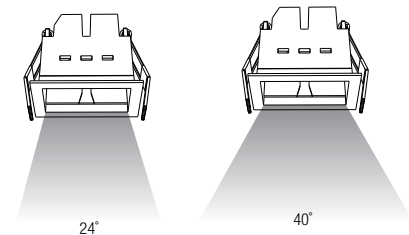
Black White Silver Gold

Flange Finish



White Black

BEAM ANGLES



COMPATIBLE DIMMERS¹

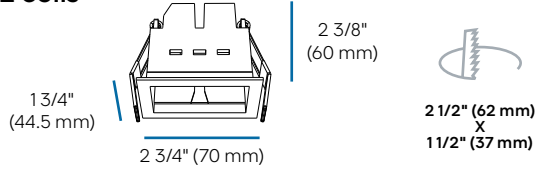
5 CELLS & 10 CELLS Phase-cut line voltage dimming		5 CELLS & 10 CELLS 0-10 V dimming	
Brand		Model	
Lutron	PD-5NE, PD-6WCL, RRD-6NA, DVCL-153P, CTCL-153P, DVCL-253P, AYCL-253P, DVRP-253, SELV-300P, MACL-153P	DIVA DVSTV, NOVA NTSTV DV	
Cooper	AAL06, SAL06P3		
Leviton	066EV, IPL06, 6674, DSL06-1ZL, DSM10-1LZ, IPE04-1LZ, DDMX1	DD 710, AWSMT-7DW, DS 710	
Legrand		RH4FBL3PTC, WS4FBL3P	
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.

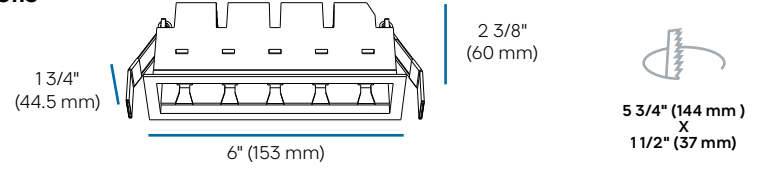
DIMENSIONS

LUMINAIRE

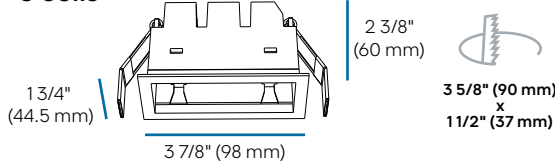
2 cells



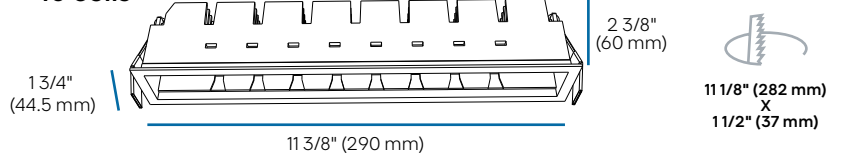
5 cells



3 cells



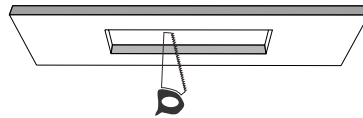
10 cells



Type	Net Weight (lbs)
2 cells	1.43
3 cells	1.47
5 cells	1.63
10 cells	2.07

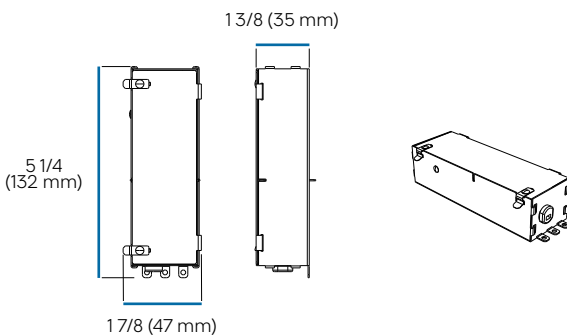
MAKE CEILING CUTOUT

Only fit for the ceiling of thickness between 1 mm to 25 mm

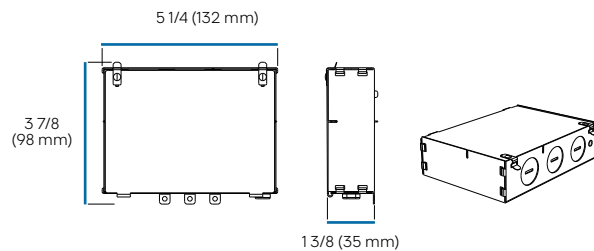


LED DRIVER JUNCTION BOX

2 cells and 3 cells



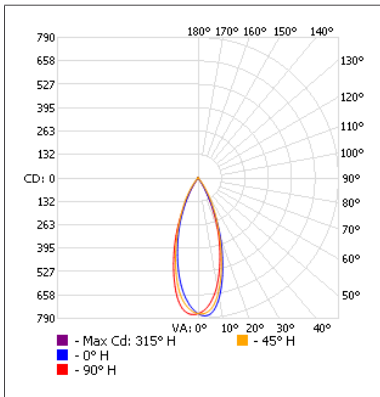
5 cells and 10 cells



PHOTOMETRIC DATA¹

L3DOT-2FLS190-XX-XX-40K-F • 337.2 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	304.3	90.2
0-40	334.8	99.3
0-60	337.2	100
60-90	0.1	0
0-90	337.2	100

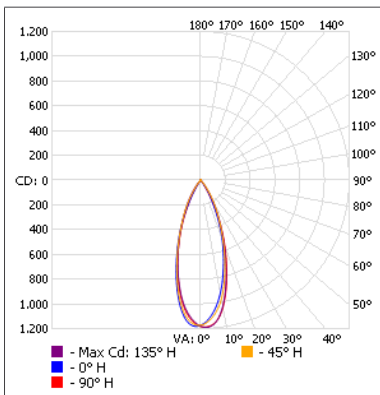
Illuminance at a distance

Center beam fc		Beam width	
2.0'	190.7	1.3'	1.4'
4.0'	47.7	2.7'	2.7'
6.0'	21.2	4.0'	4.1'
8.0'	11.9	5.3'	5.4'
10.0'	7.6	6.6'	6.8'

■ Vert. spread: 36.7°
■ Horiz. spread: 37.5°

L3DOT-3FLS190-XX-XX-40K-F • 507.9 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	458.8	90.3
0-40	504.3	99.3
0-60	507.8	100
60-90	0.1	0
0-90	507.9	100

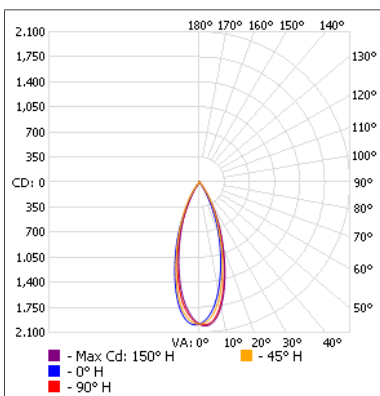
Illuminance at a distance

Center beam fc		Beam width	
2.0'	293.1	1.3'	1.4'
4.0'	73.3	2.6'	2.7'
6.0'	32.6	3.9'	4.1'
8.0'	18.3	5.2'	5.4'
10.0'	11.7	6.6'	6.8'

■ Vert. spread: 36.3°
■ Horiz. spread: 37.3°

L3DOT-5FLS190-XX-XX-40K-F • 844.2 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	763.3	90.4
0-40	838.2	99.3
0-60	844.0	100
60-90	0.2	0
0-90	844.2	100

Illuminance at a distance

Center beam fc		Beam width	
2.0'	495.6	1.3'	1.3'
4.0'	123.9	2.6'	2.6'
6.0'	55.1	3.9'	4.0'
8.0'	31.	5.2'	5.3'
10.0'	19.8	6.5'	6.6'

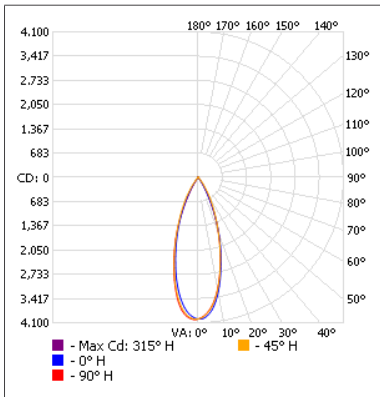
■ Vert. spread: 36.1°
■ Horiz. spread: 36.6°

¹ Complete IES files available on our website.

PHOTOMETRIC DATA¹

L3DOT-10FLS190-XX-XX-40K-F • 1 699.2 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	1 532.9	90.2
0-40	1 684.0	99.1
0-60	1 696.8	99.9
60-90	2.4	0.1
0-90	1 699.2	100

Illuminance at a distance

Center beam fc		Beam width	
2.0'	997.9	1.3'	1.3'
4.0'	249.5	2.6'	2.7'
6.0'	110.9	3.9'	4.0'
8.0'	62.4	5.2'	5.3'
10.0'	39.9	6.5'	6.6'

■ Vert. spread: 36.2°
■ Horiz. spread: 36.8°

¹ Complete IES files available on our website.