

LED Luminaires

ProLED Select Direct Fit Slim Downlight Series

- Five Selectable Color Temperatures
- 90+ CRI for Superior Color Rendering
- Dimmable to 10%
- Baffle Trims
- UL Listed for Wet Locations

Specifications



Description

The ProLED Select Direct Fit Slim Downlight Series provides an ultra-slim solution for shallow plenum spaces in both new construction and retrofit downlighting applications. This product features five selectable color temperatures, 90+ CRI and a low glare output to provide a high performing and simple solution for any lighting project.

Construction

- Baffle Trim
- Robust Die Cast Aluminum Housing
- Matte White Finish
- Color Select Switch on Remote Driver Enclosure
- Simple Installation - No need for additional housing or junction box
- Low Profile Design
- Spring Loaded Universal Mounting Clips
- IC Rated Steel Junction Box - 2 X 3/4 Knockouts
- 12" Plenum Rated Cable Connector

Performance

- Selectable Color Temperatures 2700K, 3000K, 3500K, 4000K, 5000K
- High Efficacy <96LPW
- High CRI 90+
- L70 Lumen Maintenance > 50,000 Hours
- Dimmable to 10% on Compatible Dimmers
- 120VAC Input
- 5 Year Limited Warranty

Certifications

- ETL Listed
- Energy Star Certified
- IC Rated
- Wet Location
- Title 20 Compliant
- JA-8 Compliant

ProLED Select Direct Fit Slim Downlight Series

Ordering Logic

Series	-	Product Size	-	Wattage	-	CCT	-	Trim Style
DFDLS = Direct Fit Slim Downlight		4 = 4 Inch 6 = 6 Inch 8 = 8 Inch		10 = 10W 12 = 12W 15 = 15W 18 = 18W		CS = Color Selectable 2700K/3000K/3500K/4000K/5000K		BT = Baffle Trim

Ordering Information

Product SKU	Product Code	Product Description
89107	DFDLS4-10-CS-BT	ProLED Select Direct Fit Slim Downlight 4" 10W 650lm CCT Selectable Baffle Trim
89108	DFDLS6-12-CS-BT	ProLED Select Direct Fit Slim Downlight 6" 12W 900lm CCT Selectable Baffle Trim
89109	DFDLS6-15-CS-BT	ProLED Select Direct Fit Slim Downlight 6" 15W 1100lm CCT Selectable Baffle Trim
89110	DFDLS8-18-CS-BT	ProLED Select Direct Fit Slim Downlight 8" 18W 1500lm CCT Selectable Baffle Trim
Accessories		
89111	DFDLS4-RT-RD-RC-BK	ProLED Select Direct Fit Slim Downlight 4" Round Replaceable Recessed Trim Black
89112	DFDLS6-RT-RD-RC-BK	ProLED Select Direct Fit Slim Downlight 6" Round Replaceable Recessed Trim Black
89113	DFDLS8-RT-RD-RCBK	ProLED Select Direct Fit Slim Downlight 8" Round Replaceable Recessed Trim Black
89114	DFDLS4-RT-RD-RC-SN	ProLED Select Direct Fit Slim Downlight 4" Round Replaceable Recessed Trim Satin Nickel
89115	DFDLS6-RT-RD-RC-SN	ProLED Select Direct Fit Slim Downlight 6" Round Replaceable Recessed Trim Satin Nickel
89116	DFDLS8-RT-RD-RC-SN	ProLED Select Direct Fit Slim Downlight 8" Round Replaceable Recessed Trim Satin Nickel
89117	DFDLS4-RT-RD-RC-BZ	ProLED Select Direct Fit Slim Downlight 4" Round Replaceable Recessed Trim Bronze
89118	DFDLS6-RT-RD-RC-BZ	ProLED Select Direct Fit Slim Downlight 6" Round Replaceable Recessed Trim Bronze
89119	DFDLS8-RT-RD-RC-BZ	ProLED Select Direct Fit Slim Downlight 8" Round Replaceable Recessed Trim Bronze
89129	DFDLS-RP-468-RD	ProLED Select Direct Fit Slim Downlight Adjustable Rough In Pan 4", 6", 8"
89104	FSDLS/RP4RD	ProLED Select Direct Fit Slim Downlight Rough In Pan 4"
89105	FSDLS/RP6RD	ProLED Select Direct Fit Slim Downlight Rough In Pan 6"
89102	FSDLS/EXT12	ProLED Select Direct Fit Slim Downlight Extension Cable 12"

ProLED Select Direct Fit Slim Downlight Series

Specifications Table

	DFDSL4-10-CS-BT	DFDLS6-12-CS-BT	DFDLS6-15-CS-BT	DFDLS8-18-CS-BT
Nominal Wattage	10W	12W	15W	18W
Delivered Lumens	725lm - 728lm	918lm - 1020lm	1122lm - 1314lm	1619lm - 1741lm
CCT	Selectable - 2700K, 3000K, 3500K, 4000K, 5000K			
Efficacy (lm/W)	72LPW	76LPW - 85LPW	74LPW - 87LPW	89LPW - 96LPW
CRI	90+			
L70 Lifetime (hrs)	50,000			
Voltage	120VAC			
Power Factor	>0.9			
Dimming	>10%			
Housing Material	Aluminum			
Driver Housing Material	Steel			
Operating Temperature	-20°C - '40°C			
Listings	ETL, Energy Star, Title 24, JA-8			
Environment	UL Wet Location, IC Rated			
Warranty	5 years Standard			

Performance Table

Product Code	Wattage	2700K	3000K	3500K	4000K	5000K
		Lumen Output (lm)	Lumen Output (lm)	Lumen Output (lm)	Lumen Output (lm)	Lumen Output (lm)
DFDSL4-10-CS-BT	10	725	749	774	778	757
DFDLS6-12-CS-BT	12	918	1003	1020	1006	982
DFDLS6-15-CS-BT	15	1122	1168	1215	1263	1314
DFDLS8-18-CS-BT	18	1619	1640	1714	1741	1741

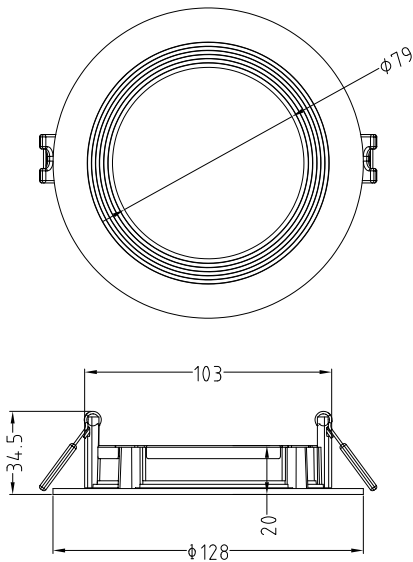
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Dimmer Compatibility

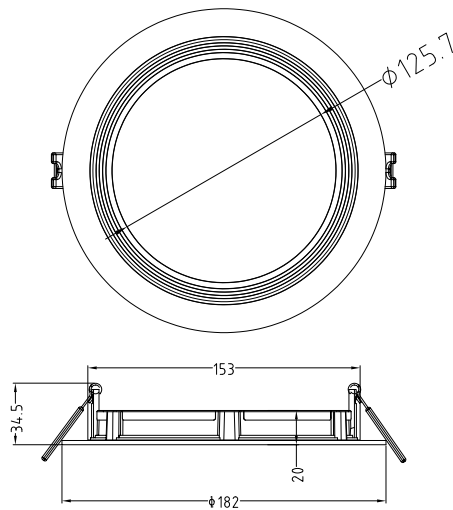
Dimmer Compatibility List	
Dimmer Brand	Dimmer Model
LUTRON	MACL-153M
LUTRON	P-PKG1W-WH-R
LUTRON	DVCL-153P
LUTRON	CTCL-153PDH-WH
LUTRON	TGCL-153PH-WH
LEVITON	R12-06672-1LW
LEVITON	R50-IPL06-10M
LEVITON	R62-066740POW
EATON	SAL06P-LA-K
EATON	AALO6-C1

Dimensions

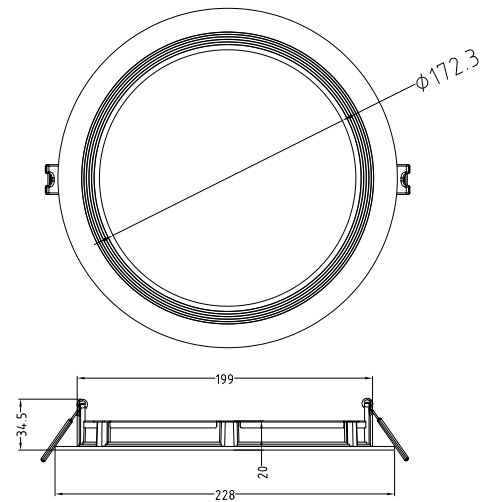
4inch-Baffle



6inch-Baffle



8inch-Baffle



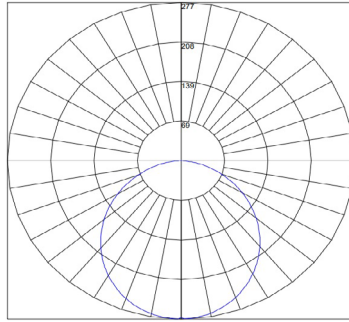
ProLED Select Direct Fit Slim Downlight Series

Photometrics

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	100.14	13.10	13.10
0-30	211.85	27.70	27.70
0-40	345.37	45.20	45.20
0-60	604.51	79.20	79.20
0-80	748.88	98.10	98.10
0-90	762.66	99.90	99.90
10-90	736.68	96.50	96.50
20-40	245.23	32.10	32.10
20-50	382.22	50.10	50.10
40-70	351.05	46.00	46.00
60-80	144.38	18.90	18.90
70-80	52.46	6.90	6.90
80-90	13.77	1.80	1.80
90-110	0.15	0.00	0.00
90-120	0.27	0.00	0.00
90-130	0.42	0.10	0.10
90-150	0.76	0.10	0.10
90-180	1.02	0.10	0.10
110-180	0.87	0.10	0.10
0-180	763.67	100.00	100.00

Total Luminaire Efficiency = 100.00%



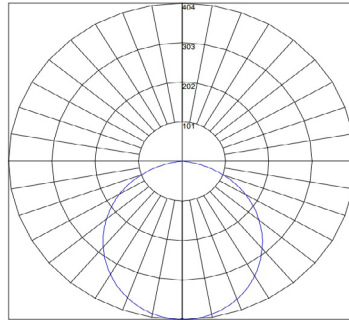
DFDSL4-10-CS-BT

Settings: 10W at 3500K

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	146.17	13.30	13.30
0-30	309.02	28.10	28.10
0-40	503.58	45.80	45.80
0-60	882.61	80.20	80.20
0-80	1086.39	98.80	98.80
0-90	1098.54	99.90	99.90
10-90	1060.6	96.40	96.40
20-40	357.40	32.50	32.50
20-50	557.29	50.70	50.70
40-70	512.94	46.60	46.60
60-80	203.78	18.50	18.50
70-80	70.18	6.40	6.40
80-90	12.15	1.10	1.10
90-110	0.21	0.00	0.00
90-120	0.37	0.00	0.00
90-130	0.56	0.10	0.10
90-150	1.03	0.10	0.10
90-180	1.38	0.10	0.10
110-180	1.17	0.10	0.10
0-180	1099.92	100.00	100.00

Total Luminaire Efficiency = 100.00%



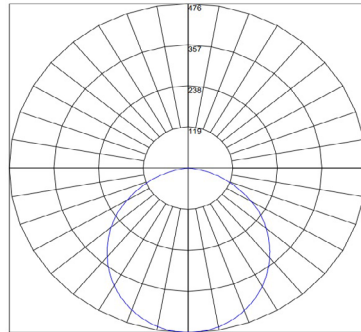
DFDSL6-12-CS-BT

Settings: 12W at 3500K

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	173.06	13.50	13.50
0-30	365.46	28.50	28.50
0-40	594.70	46.40	46.40
0-60	1037.44	81.00	81.00
0-80	1266.4	98.90	98.90
0-90	1278.67	99.90	99.90
10-90	1233.92	96.40	96.40
20-40	421.64	32.90	32.90
20-50	656.12	51.20	51.20
40-70	594.31	46.40	46.40
60-80	228.95	17.90	17.90
70-80	77.39	6.00	6.00
80-90	12.47	1.00	1.00
90-110	0.23	0.00	0.00
90-120	0.42	0.00	0.00
90-130	0.65	0.10	0.10
90-150	1.20	0.10	0.10
90-180	1.61	0.10	0.10
110-180	1.37	0.10	0.10
0-180	1280.48	100.00	100.00

Total Luminaire Efficiency = 100.00%



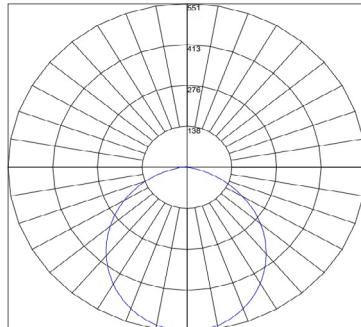
DFDSL6-15-CS-BT

Settings: 15W at 3500K

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	199.27	13.80	13.80
0-30	419.94	29.00	29.00
0-40	681.19	47.10	47.10
0-60	1173.1	81.10	81.10
0-80	1415.16	97.90	97.90
0-90	1433.78	99.10	99.20
10-90	1381.95	95.60	95.60
20-40	481.93	33.30	33.30
20-50	745.54	51.60	51.60
40-70	653.97	45.20	45.20
60-80	242.06	16.70	16.70
70-80	79.99	5.50	5.50
80-90	18.62	1.30	1.30
90-110	6.89	0.50	0.50
90-120	9.01	0.60	0.60
90-130	10.33	0.70	0.70
90-150	11.65	0.80	0.80
90-180	12.29	0.80	0.80
110-180	5.39	0.40	0.40
0-180	1446.06	100.00	100.00

Total Luminaire Efficiency = 100.00%



DFDSL8-18-CS-BT

Settings: 18W at 3500K