

LED Luminaires

ProLED Select Slim Downlight Series

- Five selectable color temperatures
- 90+ CRI for superior color rendering
- Wet location rated for greater application flexibility
- Low profile design
- Dimmable to 10%

Specifications



Description

The ProLED Select Slim Downlight Series provides a high performing, ultra-slim, modern solution for new construction and retrofit downlighting projects. It offers the ability to select between 5 color temperatures which essentially reduces 35 products down to just 7 SKU's. This innovative product is available in both round and square, 4 inch, 6 inch, and 8 inch housings with four different lumen outputs to make this one of the most versatile residential downlights on the market.

Construction

- Smooth, flush 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, 4500K, 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
- JA-8 Compliant

ProLED Select Slim Downlight Series

Ordering Logic

Series	-	Product Size	-	Wattage	-	Shape	-	CCT	-	Technology
FSDLS = Select Slim Downlight		4 = 4 Inch 6 = 6 Inch 8 = 8 Inch		10 = 10W 12 = 12W 15 = 15W 18 = 18W		Blank = Round SQ = Square		CS = Color Selectable 2700K/3000K/3500K/4000K/5000K		LED

Ordering Information

Product SKU	Product Code	Product Description
89093	FSDLS4FR10/CCT/LED	Field Selectable Slim Downlight 4" 10W 2700K-5000K Dimmable JA-8 ProLED Select
89094	FSDLS6FR12/CCT/LED	Field Selectable Slim Downlight 6" 12W 2700K-5000K Dimmable JA-8 ProLED Select
89095	FSDLS6FR15/CCT/LED	Field Selectable Slim Downlight 6" 15W 2700K-5000K Dimmable JA-8 ProLED Select
89106	FSDLS8FR18/CCT/LED	Field Selectable Slim Downlight 8" 18W 2700K-5000K Dimmable JA-8 ProLED Select
89096	FSDLS4FR10/SQ/CCT/LED	Field Selectable Square Slim Downlight 4" 10W 2700K-5000K Dimmable JA-8 ProLED Select
89097	FSDLS6FR12/SQ/CCT/LED	Field Selectable Square Slim Downlight 6" 12W 2700K-5000K Dimmable JA-8 ProLED Select
89098	FSDLS6FR15/SQ/CCT/LED	Field Selectable Square Slim Downlight 6" 15W 2700K-5000K Dimmable JA-8 ProLED Select
Accessories		
89120	DFDLS4-RT-RD-BK	ProLED Select Slim Downlight 4" Round Replaceable Trim Black
89121	DFDLS6-RT-RD-BK	ProLED Select Slim Downlight 6" Round Replaceable Trim Black
89122	DFDLS8-RT-RD-BK	ProLED Select Slim Downlight 8" Round Replaceable Trim Black
89123	DFDLS4-RT-RD-SN	ProLED Select Slim Downlight 4" Round Replaceable Trim Satin Nickel
89124	DFDLS6-RT-RD-SN	ProLED Select Slim Downlight 6" Round Replaceable Trim Satin Nickel
89125	DFDLS8-RT-RD-SN	ProLED Select Slim Downlight 8" Round Replaceable Trim Satin Nickel
89126	DFDLS4-RT-RD-BZ	ProLED Select Slim Downlight 4" Round Replaceable Trim Bronze
89127	DFDLS6-RT-RD-BZ	ProLED Select Slim Downlight 6" Round Replaceable Trim Bronze
89128	DFDLS8-RT-RD-BZ	ProLED Select Slim Downlight 8" Round Replaceable Trim Bronze
89099	FSDLS/EXT12	Select Slim Downlight Extension Cable 12"
89104	DLS/RP4RD	ProLED Direct Fit Slim Downlight Rough In Pan 4" Round
89088	DLS/FK4SQ	Slim Downlight New Construction Frame - 4" Square
89105	DLS/RP6RD	ProLED Direct Fit Slim Downlight Rough In Pan 6" Round
89090	DLS/FK6SQ	Slim Downlight New Construction Frame - 6" Square
89129	DFDLS-RP-468-RD	ProLED Select Direct Fit Slim Downlight Adjustable Rough In Pan 4" 6" 8" Round

ProLED Select Slim Downlight Series

Specifications Table

	89093	89094	89095	89106	89096	89097	89098
Nominal Wattage	10W	12W	15W	18W	10W	12W	15W
Delivered Lumens	773lm - 827lm	954lm - 1024lm	1116lm - 1242lm	1506lm - 1607lm	686lm - 740lm	1036lm - 1107lm	1130lm - 1235lm
CCT	Selectable - 2700K, 3000K, 3500K, 4000K, 5000K						
Efficacy (lm/W)	77LPW - 82LPW	79LPW - 85LPW	74LPW - 82LPW	83LPW - 89LPW	68LPW - 74LPW	86LPW - 92LPW	75LPW - 82LPW
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 - 140°C						
Listings	ETL, Energystar, Title 24, JA-8						
Environment	UL Wet Location, IC Rated						
Warranty	5 years Standard						

Performance Table

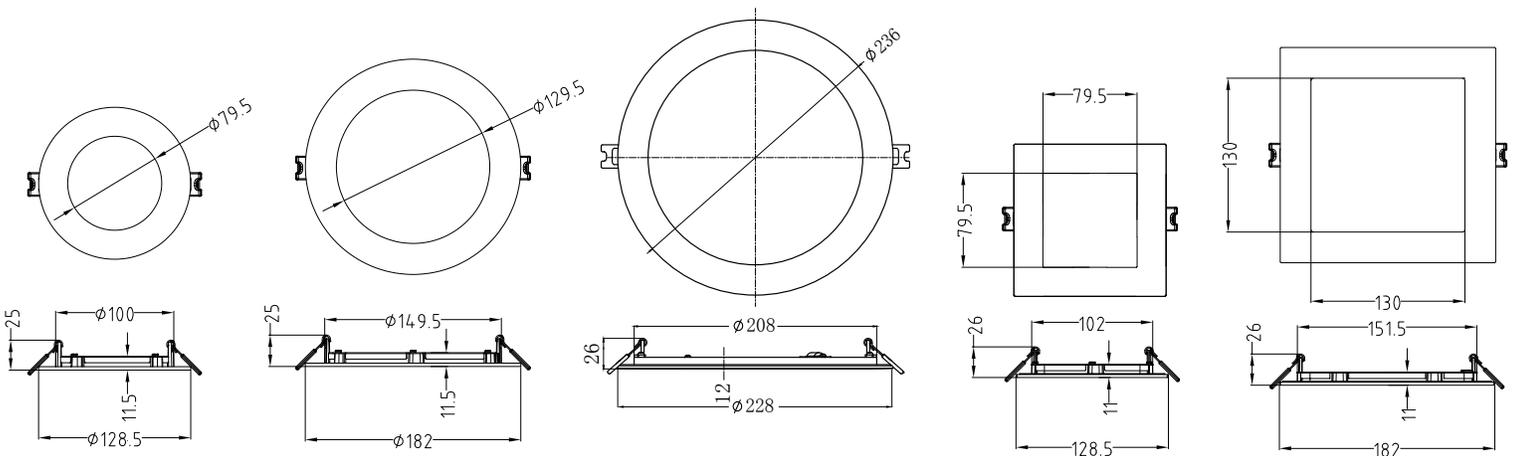
Product Code	Wattage	2700K	3000K	3500K	4000K	5000K
		Lumen Output (lm)				
FSDLS4FR10/CCT/LED	10	773	802	820	827	802
FSDLS6FR12/CCT/LED	12	954	978	1011	1024	1007
FSDLS6FR15/CCT/LED	15	1116	1177	1242	1185	1223
FSDLS8FR18/CCT/LED	18	1506	1518	1577	1607	1594
FSDLS4FR10/SQ/CCT/LED	10	686	710	735	740	721
FSDLS6FR12/SQ/CCT/LED	12	1036	1057	1090	1107	1089
FSDLS6FR15/SQ/CCT/LED	15	1130	1156	1211	1235	1212

ProLED Select Slim Downlight Series

Dimmer Compatibility

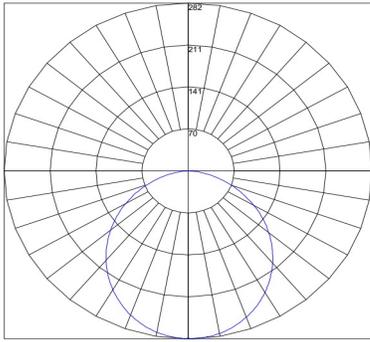
Dimmer Compatibility List	
Dimmer Brand	Dimmer Model
LUTRON	MACL-153M
LUTRON	P-PKG1W-WH-R
LUTRON	DVCL-153P
LUTRON	CTCL-153PDH-WH
LUTRON	TGCL-153PH-WH
LEVITON	R12-06672-1LW
LEVITON	R50-IPLO6-10M
LEVITON	R62-066740POW
EATON	SALO6P-LA-K
EATON	AALO6-C1

Dimensions



ProLED Select Slim Downlight Series

Photometrics



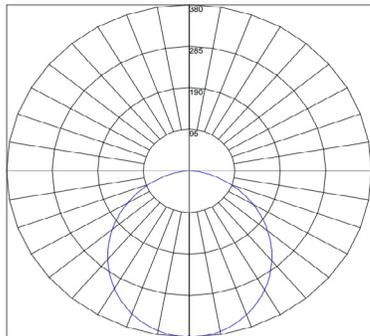
ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	102.09	13.40	13.40
0-30	215.52	28.40	28.40
0-40	350.42	46.20	46.20
0-60	609.24	80.30	80.30
0-80	748.16	98.60	98.60
0-90	759.05	100.00	100.00
10-90	732.53	96.50	96.50
20-40	248.33	32.70	32.70
20-50	385.80	50.80	50.80
40-70	348.52	45.90	45.90
60-80	138.93	18.30	18.30
70-80	45.22	6.50	6.50
80-90	10.89	1.40	1.40
90-110	0.00	0.00	0.00
90-120	0.00	0.00	0.00
90-130	0.00	0.00	0.00
90-150	0.00	0.00	0.00
90-180	0.00	0.00	0.00
110-180	0.00	0.00	0.00
0-180	759.05	100.00	100.00

Total Luminaire Efficiency = 100.00%

FSDLS4FR10/CCT/LED

Settings: 10W at 3500K



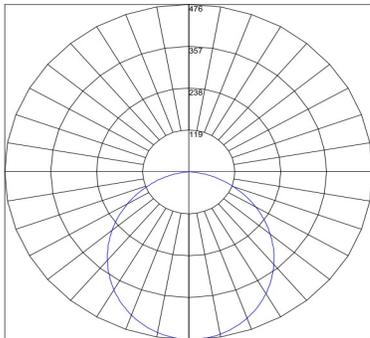
ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	137.29	13.50	13.50
0-30	289.51	28.60	28.60
0-40	470.13	46.40	46.40
0-60	815.27	80.40	80.40
0-80	999.29	98.60	98.60
0-90	1013.71	100.00	100.00
10-90	978.02	96.50	96.50
20-40	332.84	32.80	32.80
20-50	516.40	50.90	50.90
40-70	464.19	45.80	45.80
60-80	184.02	18.20	18.20
70-80	64.98	6.40	6.40
80-90	14.42	1.40	1.40
90-110	0.00	0.00	0.00
90-120	0.00	0.00	0.00
90-130	0.00	0.00	0.00
90-150	0.00	0.00	0.00
90-180	0.00	0.00	0.00
110-180	0.00	0.00	0.00
0-180	1013.71	100.00	100.00

Total Luminaire Efficiency = 100.00%

FSDLS6FR12/CCT/LED

Settings: 12W at 3500K



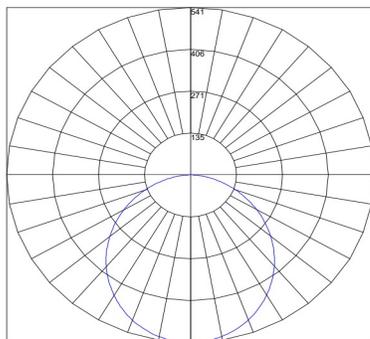
ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	172.60	13.40	13.40
0-30	364.35	28.40	28.40
0-40	592.36	46.10	46.10
0-60	1029.87	80.20	80.20
0-80	1285.11	98.50	98.50
0-90	1284.12	100.00	100.00
10-90	1239.28	96.50	96.50
20-40	419.76	32.70	32.70
20-50	652.12	50.80	50.80
40-70	589.27	45.90	45.90
60-80	235.24	18.30	18.30
70-80	83.47	6.50	6.50
80-90	19.01	1.50	1.50
90-110	0.00	0.00	0.00
90-120	0.00	0.00	0.00
90-130	0.00	0.00	0.00
90-150	0.00	0.00	0.00
90-180	0.00	0.00	0.00
110-180	0.00	0.00	0.00
0-180	1284.12	100.00	100.00

Total Luminaire Efficiency = 100.00%

FSDLS6FR15/CCT/LED

Settings: 15W at 3500K



ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	196.88	N.A.	13.10
0-30	416.03	N.A.	27.60
0-40	677.59	N.A.	45.00
0-60	1186.26	N.A.	78.80
0-80	1475.18	N.A.	97.90
0-90	1505.97	N.A.	100.00
10-90	1454.85	N.A.	96.50
20-40	480.71	N.A.	31.90
20-50	749.13	N.A.	49.70
40-70	691.10	N.A.	45.90
60-80	288.92	N.A.	19.20
70-80	106.49	N.A.	7.10
80-90	30.79	N.A.	2.00
90-110	0.08	N.A.	0.00
90-120	0.09	N.A.	0.00
90-130	0.10	N.A.	0.00
90-150	0.11	N.A.	0.00
90-180	0.12	N.A.	0.00
110-180	0.03	N.A.	0.00
0-180	1506.08	N.A.	100.00

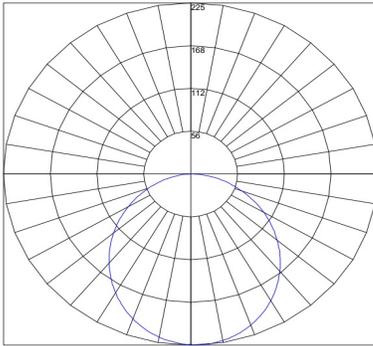
Total Luminaire Efficiency = N.A.%

FSDLS8FR18/CCT/LED

Settings: 18W at 3500K

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Photometrics



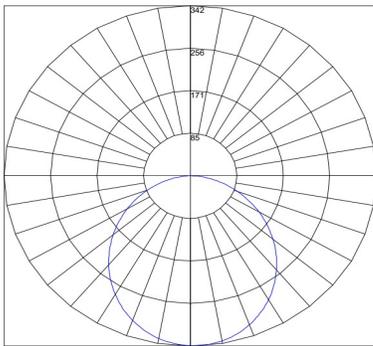
ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	81.35	13.10	13.10
0-30	171.91	27.60	27.60
0-40	279.96	44.90	44.90
0-60	490.02	78.60	78.60
0-80	610.43	97.90	97.90
0-90	622.98	100.00	100.00
10-90	601.86	96.60	96.60
20-40	198.61	31.90	31.90
20-50	309.42	49.60	49.60
40-70	235.75	45.90	45.90
60-80	120.41	19.30	19.30
70-80	44.73	7.20	7.20
80-90	12.54	2.00	2.00
90-110	0.05	0.00	0.00
90-120	0.08	0.00	0.00
90-130	0.12	0.00	0.00
90-150	0.19	0.00	0.00
90-180	0.23	0.00	0.00
110-180	0.18	0.00	0.00
0-180	623.21	100.00	100.00

Total Luminaire Efficiency = 100.00%

FSDLS4FR10/SQ/CCT/LED

Settings: 10W at 3500K



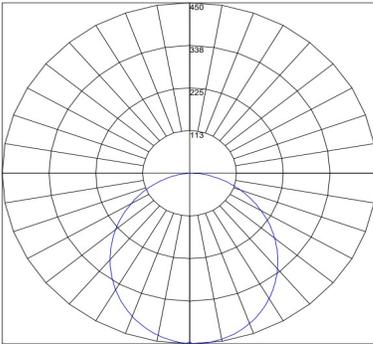
ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	123.82	13.20	13.20
0-30	261.17	27.90	27.90
0-40	424.32	45.40	45.40
0-60	738.71	79.00	79.00
0-80	916.61	98.00	98.00
0-90	934.77	100.00	100.00
10-90	902.59	96.50	96.50
20-40	300.50	32.10	32.10
20-50	466.89	49.90	49.90
40-70	426.52	45.60	45.60
60-80	177.90	19.00	19.00
70-80	65.77	7.00	7.00
80-90	18.16	1.90	1.90
90-110	0.05	0.00	0.00
90-120	0.07	0.00	0.00
90-130	0.10	0.00	0.00
90-150	0.16	0.00	0.00
90-180	0.20	0.00	0.00
110-180	0.15	0.00	0.00
0-180	934.97	100.00	100.00

Total Luminaire Efficiency = 100.00%

FSDLS6FR12/SQ/CCT/LED

Settings: 12W at 3500K



ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	162.15	13.40	13.40
0-30	341.58	28.10	28.10
0-40	554.11	45.60	45.60
0-60	961.70	79.20	79.20
0-80	1190.39	98.00	98.00
0-90	1214.09	100.00	100.00
10-90	1171.91	96.50	96.50
20-40	391.96	32.30	32.30
20-50	608.03	50.10	50.10
40-70	552.04	45.50	45.50
60-80	228.69	18.80	18.80
70-80	84.23	6.90	6.90
80-90	23.70	2.00	2.00
90-110	0.18	0.00	0.00
90-120	0.21	0.00	0.00
90-130	0.25	0.00	0.00
90-150	0.32	0.00	0.00
90-180	0.38	0.00	0.00
110-180	0.20	0.00	0.00
0-180	1214.48	100.00	100.00

Total Luminaire Efficiency = 100.00%

FSDLS6FR15/SQ/CCT/LED

Settings: 15W at 3500K