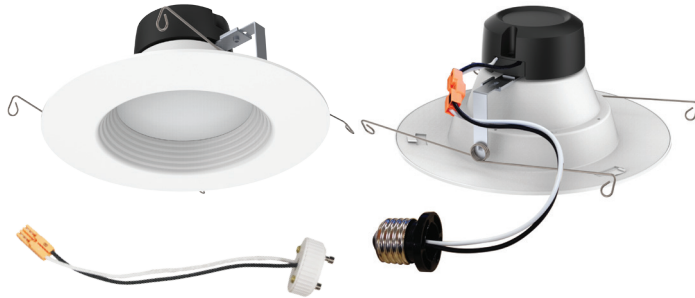


5"-6" Downlight Retrofit Replaceable Trim Series



ProLED® Downlight Retrofit Replaceable Trim Series is a long life and energy efficient replacement for lamps in existing downlight fixtures. The retrofit is quick and easy to install in only 4 simple steps. Designer replaceable trim options are available to compliment existing hardware. With superior LED technology the fixture delivers consistent color and high CRI for a uniform installation and improves lumen maintenance for long useful rated life. Applications include offices, healthcare, hospitality and retail. ProLED Downlight Retrofit Replaceable Trim Series is backed by a 5-Year Limited Warranty.

Performance Specifications

CRI	_____	90
Rated Life	_____	50,000 hours
Watt	_____	12W
Lumens	_____	800lm
Lumens per Watt (LPW)	_____	66
Input Line Voltage	_____	120V
Input Line Frequency	_____	50/60 Hz

Min. Start Temp.	_____	-20°C (-4°F)
Max. Operating Temp.	_____	40°C (104°F)
Power Factor	_____	>98%
Warranty	_____	5-Year Limited
Control	_____	Dimmable to 5%
Weight	_____	11.2 oz

Energy Savings

Standard BR30	Replacement LED	Energy Savings
65W	12W	82%

Construction

- Low profile replaceable trim design (white baffled trim included)
- Frosted polycarbonate lens for smooth, even light distribution
- 2700K, 3000K and 4000K are CEC listed to comply with Title 24 as a high efficacy LED luminaire
- Meets California Quality Lamp Specifications
- UL Classified for damp locations
- Lightweight 11.2 oz construction

Installation

- Adjustable width torsion springs for use in 5" and 6" housings
- Friction clips included to allow for use in housings that do not use torsion springs
- E26 Socket adapter included (GU24 socket adapter available)
- Title 24 Compliant quick luminaire disconnect
- Acceptable for use in ICAT housings

Accessories

- 99930 - DL6/WB Replaceable 5"-6" White Trim-Black Stepped Baffle
- 99931 - DL6/WSS Replaceable 5"-6" White Trim-Specular Silver Baffle
- 99932 - DL6/BN Replaceable 5"-6" Brushed Nickel Trim-Stepped Baffle
- 99933 - DL6/ORB Replaceable 5"-6" Oil Rubbed Bronze Trim-Stepped Baffle
- 99938 - DL6/BLK Replaceable 5"-6" Black Trim-Black Stepped Baffle
- 91003 - ADP/DL/GU24/LED GU24 Socket Adapter

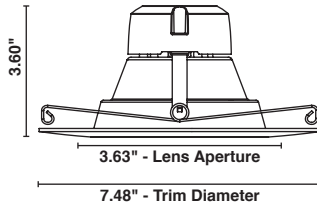
Ordering Information



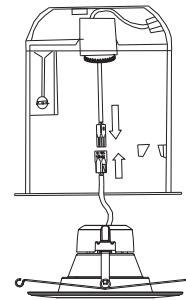
Watt	Product #	Product Code	Volts	Color Temp.	CRI	Lumen Output	Useful Life*	Dimmable	Fixture Size	Equivalent Wattage
12	99920	DL6FR12/927/RT/LED	120	2700K	90	800	50000	Yes	5"-6"	65
12	99921	DL6FR12/930/RT/LED	120	3000K	90	800	50000	Yes	5"-6"	65
12	99922	DL6FR12/940/RT/LED	120	4000K	90	800	50000	Yes	5"-6"	65
12	99923	DL6FR12/950/RT/LED	120	5000K	90	800	50000	Yes	5"-6"	65

* Useful Life is defined as the point in time at which the lamp will maintain at least 70% of its initial lumens.

Dimensions

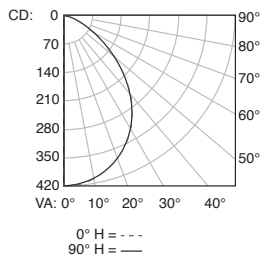


Wiring Diagram



Photometrics

99920, DL6FR12/927/RT/LED



Coefficients of Utilization
Effective Floor Cavity Reflectance 0.20

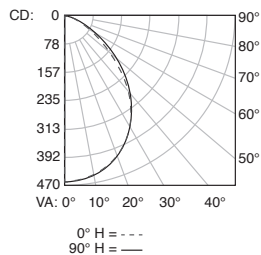
RC	80			70			50		
RW	70	50	30	70	50	30	50	30	20
0	119	119	119	116	116	100	111	111	111
1	111	107	103	105	102	89	101	98	96
2	102	96	90	94	88	78	90	86	82
3	95	86	79	84	78	68	81	76	71
4	88	77	69	76	69	60	73	67	62
5	81	70	62	69	61	54	67	60	55
6	75	63	55	63	55	48	61	54	49
7	70	58	50	57	50	43	56	49	44
8	66	53	45	53	45	39	51	45	40
9	62	49	42	49	41	36	48	41	36
10	58	46	38	45	38	33	44	38	33

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	312.7	37.1	37.1
0-40	493.5	58.6	58.6
0-60	760.2	90.3	90.3
60-90	82.0	9.7	9.7
70-100	25.1	3	3
90-120	0.0	0	0
0-90	842.2	100	100
90-180	0.0	0	0
0-180	842.2	100	100

Total Luminaire Efficiency = 100.00%

99921, DL6FR12/930/RT/LED



Coefficients of Utilization
Effective Floor Cavity Reflectance 0.20

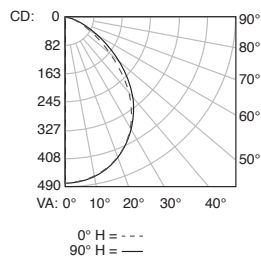
RC	80			70			50		
RW	70	50	30	70	50	30	50	30	20
0	119	119	119	116	116	116	111	111	111
1	111	107	104	108	105	102	101	98	96
2	102	96	90	100	94	89	90	86	82
3	95	86	79	92	84	78	81	76	71
4	88	77	69	85	76	69	73	67	62
5	81	70	62	79	69	61	67	60	55
6	75	63	55	74	63	55	61	54	49
7	70	58	50	69	57	50	56	49	44
8	66	53	46	64	53	45	51	45	40
9	62	49	42	60	49	41	48	41	36
10	58	46	38	57	45	38	44	38	33

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	346.0	37.2	37.2
0-40	547.4	58.8	58.8
0-60	841.4	90.4	90.4
60-90	88.9	9.6	9.6
0-90	930.3	100	100

Total Luminaire Efficiency = 100.00%

99922, DL6FR12/940/RT/LED



Coefficients of Utilization
Effective Floor Cavity Reflectance 0.20

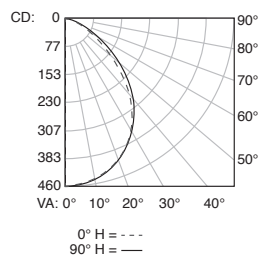
RC	80			70			50		
RW	70	50	30	70	50	30	50	30	20
0	119	119	119	116	116	116	111	111	111
1	111	107	103	108	105	102	101	98	96
2	102	96	90	100	94	88	90	86	82
3	95	86	78	92	84	78	81	76	71
4	87	77	69	85	76	68	73	67	62
5	81	70	62	79	69	61	66	60	55
6	75	63	55	74	62	55	61	54	49
7	70	58	50	69	57	49	56	49	44
8	66	53	45	64	52	45	51	44	40
9	61	49	41	60	48	41	47	41	36
10	58	45	38	57	45	38	44	37	33

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	360.4	36.7	36.7
0-40	571.8	58.3	58.3
0-60	884.9	90.2	90.2
60-90	95.7	9.8	9.8
0-90	980.6	100	100

Total Luminaire Efficiency = 100.00%

99923, DL6FR12/950/RT/LED



Coefficients of Utilization
Effective Floor Cavity Reflectance 0.20

RC	80			70			50		
RW	70	50	30	70	50	30	50	30	20
0	119	119	119	116	116	116	111	111	111
1	111	107	103	108	105	102	101	98	96
2	102	95	90	100	94	88	90	86	82
3	95	85	78	92	84	77	81	76	71
4	87	77	69	85	76	68	73	67	62
5	81	70	62	79	68	61	66	60	55
6	75	63	55	73	62	55	61	54	49
7	70	58	50	69	57	49	56	49	44
8	66	53	45	64	52	45	51	44	40
9	61	49	41	60	48	41	47	41	36
10	58	45	38	57	45	38	44	37	33

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	343.8	36.7	36.7
0-40	545.5	58.2	58.2
0-60	845.1	90.2	90.2
60-90	91.8	9.8	9.8
0-90	936.9	100	100

Total Luminaire Efficiency = 100.00%