GLOBALUX
LIGHTING & FANS

PROJECT	NOTES	TYPE	DATE	CAT. No.

FINISH OPTIONS ON PAGE 2

RDL

LED Round Low Profile Flush

RDL series LED Disk Light provides versatile lighting on standard line voltage, yet produces the high energy savings you desire from LED fixtures. The RDL series allows for easy upgrade to your downlighting from the traditional recessed cans to a more modern looking, energy efficient solution.

WET LOCATION | ETL LISTED | ELV DIMMING | 2YR WARRANTY | RoHS COMPLIANT | JA8 TITLE 24 [4]

INPUT VOLTAGE	120V
INPUT FREQUENCY	50/60 Hz
RATED WATTAGE	See Performance Data
DELIVERED LUMENS	See Performance Data
EFFICACY	See Performance Data
CRI	90
AVAILABLE CCT	2700K, 3000K, 3500K, 4000K, 5000K
LENS TYPE	Plastic

RATED LIFE	30,000hrs (Based on 3hrs a Day)
L70	>50,000hrs
POWER FACTOR	>0.9
THD	<20%
DIMMING	120V Dimming (10-100%)
OPERATING TEMP.	-4°F - 113°F / -20°C to 45°C
BEAM ANGLE	N/A

ORDER INFO / EXAMPLE: RDL-5-10-120D-930-WH-BULK

QUICK SHIP ITEMS ON PG.2

SERIES	DIAMETER	RATED WATTAGE	DRIVER TYPE	COLOR TEMP	FINISH*	CASE
RDL	5	10	120D	930	WH	BULK
RDL LED Round Low Profile Flush	**5-**5" **7-**7" **9-**9" **12-**12" **15-**15"	**5" Housing** **12-** 12W, 875 Lumens **7" Housing** **15-** 15W, 1050 Lumens **9" Housing** **18-** 18W, 1300 Lumens **12" Housing** **22-** 22W, 1540 Lumens **15" Housing** **30-** 30W, 2100 Lumens	**120D-** 120V Dimming, 10-100%	**930-** 3000K, 90CRI **940-** 4000K, 90CRI **MCT-** 2700K, 3000K, 3500K, 4000K, 5000K CCT Selectable, 90CRI	**WH-** White *For additional finishes, please refer to TRIMS in OPTIONS/ACCS.	**BULK-** Bulk (Case of 12) **BLANK-** Individual Packaging

OPTIONS / ACCESSORIES

Options
EM2-RDL-7-WH 7" Emergency Battery
EMBX-RDL-7-WH 7" Blank Box
EM2-RDL-12-WH 12" Emergency Battery
EMBX-RDL-12-WH 12" Blank Box
EMTB Fixture w/ Emergency Test Button (Compatible only with EML-JB-AC2 & EM2-RDL / Available in case of 12)

ACCESSORIES (Sold Separately)
EML-JB-AC2 8W Battery Inside J-Box

TRIMS (Sold Separately)
TRIM-RDL-5-BN 5" Brushed Nickel Trim
TRIM-RDL-5-BL 5" Black Trim
TRIM-RDL-7-BN 7" Brushed Nickel Trim
TRIM-RDL-7-BL 7" Black Trim
TRIM-RDL-12-BN 12" Brushed Nickel Trim
TRIM-RDL-12-BL 12" Black Trim
TRIM-RDL-15-BN 15" Brushed Nickel Trim
TRIM-RDL-15-BL 15" Black Trim

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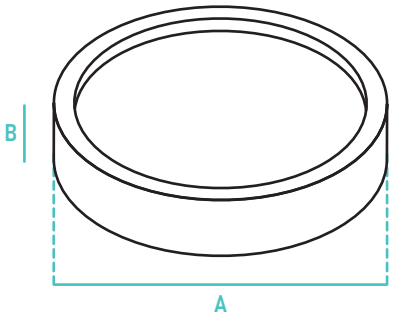

	A	B	Case QTY
RDL-5	5.4" Dia	0.7" H	20
RDL-7	7.9" Dia	0.7" H	20
RDL-9	9" Dia	0.7" H	20
RDL-12	12" Dia	0.7" H	10
RDL-15	15" Dia	0.7" H	10

CONSTRUCTION

Injection molded trim with diffusion lens for optimal visual comfort while providing exceptional light output. Edge Lit technology and lens design and materials provide uniform appearance without pixelation.

ELECTRICAL

Equipped standard with 120V, 10-100% dimming driver.

QUALIFICATIONS

All luminaires are built to UL 1598 standards, and bear appropriate ETL labels. Wet location labeling is standard. Emergency equipped fixtures labeled UL924. Suitable for installation within the closet storage space (closet storage space is defined in NEC 410.8 & 410.16). Adheres to LM70, LM80 and TM21 industry standards. Title 24 qualified. Dedicated 120V Models are FCC Title 47 CFR, Part 15, Class B for residential and commercial applications.

INSTALLATION

Designed for mounting on 3" or 4" electrical J-Box.

WARRANTY

2-year Limited Warranty. See warranty documentation for more info.

PERFORMANCE DATA

FORM FACTOR	KELVIN	RATED WATTAGE	DELIVERED LUMENS	EFFICACY (LM/W)
5"	27K-5K	12W	875	72
7"	27K-5K	15W	1050	70
7"	27K-5K	18W	1300	72
9"	27K-5K	18W	1300	72
12"	27K-5K	22W	1540	70
15"	27K-5K	30W	2100	70

QUICK SHIP

RDL-7-15-120D-MCT-WH-BULK[4]	RDL-9-18-120D-MCT-WH[4]
RDL-7-15-120D-930-WH-BULK[4]	RDL-12-22-120D-MCT-WH[4]
RDL-9-18-120D-MCT-WH[4]	RDL-15-30-120D-MCT-WH[4]

WHILE SUPPLIES LAST

RDL-5-10-120D-MCT-WH-BULK[4]	RDL-5-10-120D-930-WH-BULK[4]

ADDITIONAL IMAGES

WH- White

RDL w/ BL-Black Trim

RDL w/ BN-Br. Nickel Trim

RDL w/ EMTB (Test Switch)

EML-JB-AC2
(Sold Separately)

RECOMMENDED DIMMERS

DVCL-153P (Lutron)

COMPATIBLE JUNCTION BOX

4" PVC

4" Octagon

4" PVC Ceiling Box

3-1/2" Octagon

4" Round Pancake

4" Octagon / V Bracket

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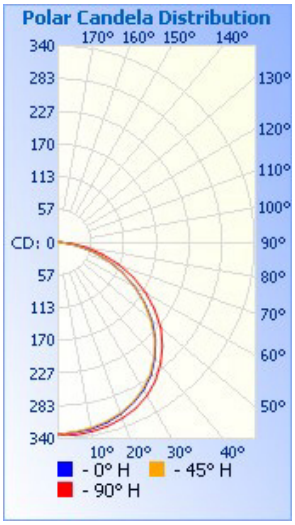
PHOTOMETRIC DATA

RDL-7



Zonal Lumen Summary

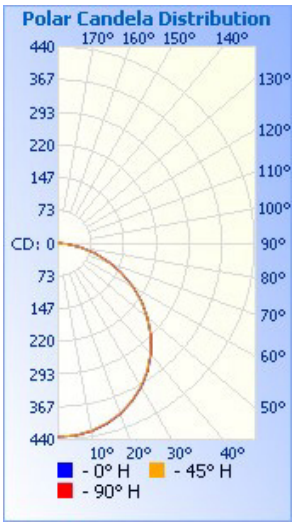
Zone	Lumens	% Lamp	% Luminaire
0-30	266.3	25.7%	25.7%
0-40	444.5	42.8%	42.9%
0-60	806.5	77.7%	77.8%
60-90	227.7	21.9%	22%
70-100	96.7	9.3%	9.3%
90-120	1.1	0.1%	0.1%
0-90	1,034.2	99.6%	99.7%
90-180	2.7	0.3%	0.3%
0-180	1,036.9	99.9%	100%

Coefficients Of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance: 20%

RCC %:	80				70				50			30			10			0
RW %:	70	50	30	0	70	50	30	0	50	30	20	50	30	20	50	30	20	0
RCR: 0	1.19	1.19	1.19	1.19	1.16	1.16	1.16	1.00	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1	1.08	1.03	.99	.95	1.06	1.01	.97	.84	.97	.94	.91	.93	.90	.88	.89	.87	.85	.83
2	.98	.90	.83	.77	.96	.88	.81	.70	.84	.79	.74	.81	.76	.72	.78	.74	.71	.69
3	.89	.79	.70	.64	.87	.77	.69	.59	.74	.67	.62	.71	.65	.61	.69	.64	.60	.57
4	.82	.69	.60	.54	.79	.68	.60	.51	.66	.58	.52	.63	.57	.52	.61	.55	.51	.49
5	.75	.62	.53	.46	.73	.61	.52	.44	.59	.51	.45	.57	.50	.45	.55	.49	.44	.42
6	.69	.56	.46	.40	.67	.55	.46	.38	.53	.45	.39	.51	.44	.39	.49	.43	.39	.36
7	.64	.50	.41	.35	.62	.49	.41	.34	.48	.40	.35	.46	.40	.34	.45	.39	.34	.32
8	.60	.46	.37	.31	.58	.45	.37	.30	.44	.36	.31	.42	.36	.31	.41	.35	.30	.29
9	.56	.42	.34	.28	.54	.41	.33	.27	.40	.33	.28	.39	.32	.28	.38	.32	.27	.26
10	.52	.39	.31	.25	.51	.38	.30	.25	.37	.30	.25	.36	.30	.25	.35	.29	.25	.23

RDL-12



Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	336.8	26.9%	27%
0-40	553.0	44.2%	44.3%
0-60	979.4	78.4%	78.5%
60-90	264.3	21.1%	21.2%
70-100	112.6	9%	9%
90-120	2.0	0.2%	0.2%
0-90	1,243.6	99.5%	99.6%
90-180	4.8	0.4%	0.4%
0-180	1,248.4	99.9%	100%

Coefficients Of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance: 20%

RCC %:	80				70				50			30			10			0
RW %:	70	50	30	0	70	50	30	0	50	30	20	50	30	20	50	30	20	0
RCR: 0	1.19	1.19	1.19	1.19	1.16	1.16	1.16	1.00	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1	1.08	1.04	.99	.95	1.06	1.01	.97	.84	.97	.94	.91	.93	.90	.88	.89	.87	.85	.83
2	.99	.90	.83	.78	.96	.88	.82	.70	.85	.79	.75	.81	.77	.73	.78	.75	.71	.69
3	.90	.79	.71	.64	.87	.78	.70	.60	.74	.68	.63	.72	.66	.61	.69	.64	.60	.58
4	.82	.70	.61	.54	.80	.69	.60	.51	.66	.59	.53	.64	.58	.52	.62	.56	.52	.50
5	.75	.63	.53	.47	.73	.61	.53	.45	.59	.52	.46	.57	.51	.45	.55	.50	.45	.43
6	.70	.56	.47	.41	.68	.55	.47	.39	.53	.46	.40	.52	.45	.40	.50	.44	.39	.37
7	.65	.51	.42	.36	.63	.50	.42	.35	.49	.41	.36	.47	.40	.35	.46	.40	.35	.33
8	.60	.46	.38	.32	.58	.46	.38	.31	.44	.37	.32	.43	.36	.32	.42	.36	.31	.29
9	.56	.43	.34	.29	.55	.42	.34	.28	.41	.34	.29	.40	.33	.28	.39	.33	.28	.26
10	.53	.39	.31	.26	.51	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.26	.24

Made to order items. Minimum 90 day lead time. Minimum order quantity may vary please contact sales.

[1] DLC Listed / [2] DLC Premium Listed / [3] Title 24 / [4] JA8 & Title 24 / [5] Energy Star / Typical color consistency. May vary or be changed. L70 hours calculated based on LED package manufacturer LM80 report and ISTMT report of LED in luminaire. Stated values are for select catalog numbers. Contact GlobaLux for detailed information. / Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C.

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