

Lumination™ LED Luminaires

LRX Series LED Downlights

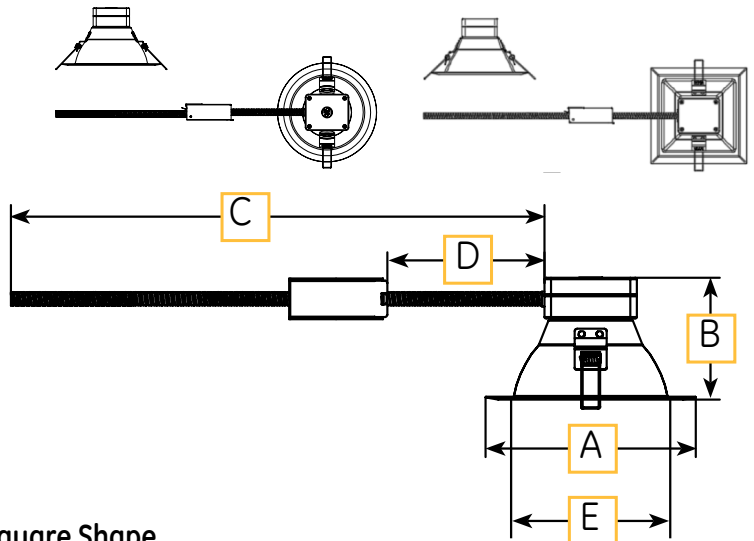


Project name _____
Date _____
Type _____

Product Description:

The Lumination™ LRX Series LED downlights are the ideal retrofit or new construction solution for traditional downlight fixtures. They install in just minutes into most 4-inch, 6-inch, and 8-inch rough-in frames and bring a fresh look to the space. Unlike plug-in LED lamps, the LRX downlight gives you a new power supply and 50,000 hour life rating, so that you won't have to worry about compatibility or maintenance issues with the original ballasts. All downlights in the LRX family utilize a non-conductive polycarbonate trim perfect for wet rated applications.

Product Dimensions:



Input Voltage: 120 - 277V, 120V (Phase Dimming)

Standard Dimming Controls: 0-10V down to 10%, Forward Phase Dim down to 10%

CCT: 3000K, 3500K, 4000K

CRI: 82

Lifetime Rating: L85 @ 50,000 Hours

Input Frequency (Hz): 50/60Hz

Power Factor: >0.9

Mounting Options: Spring clips clamp on to existing frame

Weight: 0.6 lb

IC Rating: Non-IC Rated

Limited Warranty: 5 years system

Files Available: LM79, LM80, IES

Square Shape

4 inch:

A= 5.75" (146 mm) B= 3.74" (95 mm)

C= 24" (609.6 mm) D= 6" (152.4 mm)

E = Ceiling Cutout Min: 4" for ceiling thickness ≤ 10mm; 4.2" for ceiling thickness > 10mm

6 inch:

A=7.75" (196.8mm) B=4.5" (114.2mm)

C=24" (609.6mm) D=6" (152.4mm)

E = Ceiling Cutout Min: 5.6"

8 inch:

A=9.75" (247.6mm) B=5.1" (129.4mm)

C=24" (609.6mm) D=6" (152.4mm)

E = Ceiling Cutout Min: 7.6"

Round Shape

4-inch

A = 5.6" (142.3 mm) B = 3.74" (95 mm)

C = 24" (609.6 mm) D = 6" (152.4 mm)

E = Ceiling Cutout Min: 4.4"

6-inch

A = 7.75" (196.8 mm) B = 4.5" (114.2 mm)

C = 24.0" (609.6 mm) D = 6" (152.4 mm)

E = Ceiling Cutout Min: 5.7"

8-inch

A = 9.75" (247.6 mm) B = 5.1" (129.4 mm)

C = 24.0" (609.6 mm) D = 6" (152.4 mm)

E = Ceiling Cutout Min: 7.7"

Listings:  • UL and cUL Listed.
• Suitable for wet locations



Ordering Information:

PRODUCT FAMILY	SHAPE/SIZE	LUMENS	CRI	CCT	DIMMING	OPTIONS
LRX = Lumination™ RX Series Downlight	R4 = 4" Round Retrofit Downlight	10 ¹ = 1000lm/650lm	8 = 82 CRI	27 ⁶ = 2700K	MD = 0-10V Dimming PH ³ = 120V Forward Phase Dimmable	BLANK = None EL ⁴ = EMBB Ready
	S4 = 4" Square Retrofit Downlight			30 ⁶ = 3000K		
	R6 = 6" Round Retrofit Downlight	10 ¹ = 1000lm/650lm		35 = 3500K		
	S6 = 6" Square Retrofit Downlight	18 = 1800lm		40 = 4000K		
LRX = Lumination™ RX Series Downlight	R8 = 8" Round Retrofit Downlight	10 ¹ = 1000lm/650lm	8 = 82 CRI	27 ⁶ = 2700K	MD = 0-10V Dimming PH ³ = 120V Forward Phase Dimmable	BLANK = None EL ⁴ = EMBB Ready
	S8 = 8" Square Retrofit Downlight	18 = 1800lm		30 ⁶ = 3000K		
	S8 = 8" Square Retrofit Downlight	40 ² = 4000lm		40 = 4000K		

NOTES:

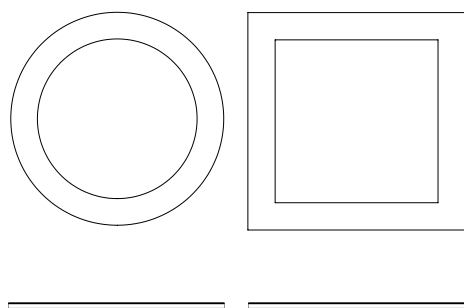
- 1000lm models feature a selectable lumen package to allow field adjustments to light output. See page 7 for details.
- 4000lm model only available with phase dimming and Round Shape
- Forward Phase Dimming only available in Round Shape.
- Must order "EL" option + LRXEMBBKIT (sold separately) for complete EMBB solution.
- The standard trim is white. Colored trim options are available, see page 3 for details.
- 2700K and 3000K are available; however, check manufacturer for lead time and quote.
- Attach to existing frame or install with new frame kit (ordered separately) per UL.

current
powered by GE

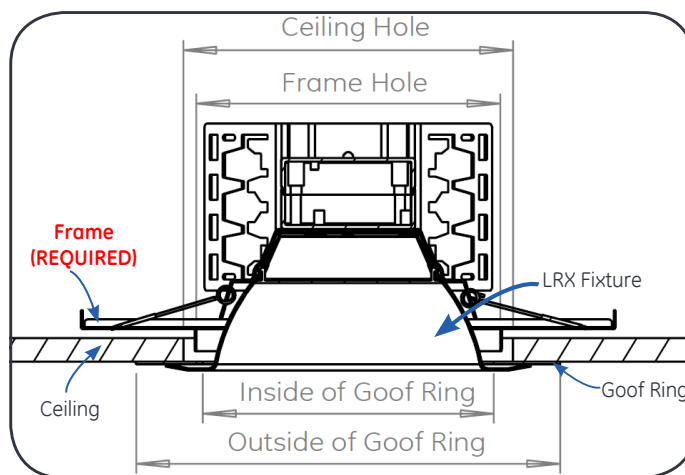


LRX Remodel (Goof) Ring Accessories: (Ordered separately):

The essential accessory for any project, the goof ring helps to cover openings in the ceiling with a trim that blends with the existing LRX trim. Goof rings are available in white only. Verify the existing opening and LRX fixture to order the correct goof ring, details shown in the table below. Always verify proper installation per the Installation Guide.



Installation Position



Note: Please check the compatibility of the goof ring and the fixture by referring to the table below.

A. For Retrofit

Goof Ring SKU	Goof Ring Description	Goof Ring Shape	Suitable Fixture	Suitable Frame	Frame Hole	Inside of Goof Ring	Outside of Goof Ring	Ceiling Hole(min)	Ceiling Hole(max)
				Dimensions (in.)	Size (in.)	Size (in.)	Size (in.)	Size (in.)	Size (in.)
93114516	GRRX4R6PTWT	Round	LRXR4xxxxxxx	12.60 x 7.64 x 3.54	4.20-5.50	4.48	7.09	5.2	6.69
93114517	GRRX4S6PTWT	Square	LRXS4xxxxxxx	12.60 x 7.64 x 3.54	4.20-5.50	4.48	7.09	5.2	6.19
93114518	GRRX6R8PTWT	Round	LRXR6xxxxxxx	12.60 x 7.64 x 3.54	5.91-6.50	6.18	9	6.5	8.6
93114519	GRRX6S8PTWT	Square	LRXS6xxxxxxx	13.35 x 11.34 x 3.54	5.95-7.50	6.22	8.98	7.5	8.08
93114520	GRRX8R10PTWT	Round	LRXR8xxxxxxx	15.55 x 11.34 x 3.54	7.68-8.27	7.87	10.5	8.27	10.1
93114521	GRRX8S10PTWT	Square	LRXS8xxxxxxx	13.35 x 11.34 x 3.54	7.95-9.50	8.23	10.98	9.5	10.08
93114522	GRRX8R12PTWT	Round	LRXR8xxxxxxx	15.55 x 11.34 x 3.54	7.68-8.27	7.87	12.99	10.1	12.59
93114523	GRRX8S12PTWT	Square	LRXS8xxxxxxx	13.35 x 11.34 x 3.54	7.95-9.50	8.23	12.99	10.58	12.09

B. For New Construction:

Goof Ring SKU	Goof Ring Description	Goof Ring Shape	Suitable Fixture	Suitable Frame	Inside of Goof Ring	Outside of Goof Ring	Ceiling Hole(min)	Ceiling Hole(max)
					Size (in.)	Size (in.)	Size (in.)	Size (in.)
93114516	GRRX4R6PTWT	Round	LRXR4xxxxxxx	FRAME4Rxxxx	4.48	7.09	5.2	6.69
93114517	GRRX4S6PTWT	Square	LRXS4xxxxxxx	FRAME4Sxxxx	4.48	7.09	5.2	6.19
93114518	GRRX6R8PTWT	Round	LRXR6xxxxxxx	FRAME6Rxxxx	6.18	9	6.5	8.6
93114519	GRRX6S8PTWT	Square	LRXS6xxxxxxx	FRAME6Sxxxx	6.22	8.98	7.5	8.08
93114520	GRRX8R10PTWT	Round	LRXR8xxxxxxx	FRAME8Rxxxx	7.87	10.5	8.27	10.1
93114521	GRRX8S10PTWT	Square	LRXS8xxxxxxx	FRAME8Sxxxx	8.23	10.98	9.5	10.08
93114522	GRRX8R12PTWT	Round	LRXR8xxxxxxx	FRAME8Rxxxx	7.87	12.99	10.1	12.59
93114523	GRRX8S12PTWT	Square	LRXS8xxxxxxx	FRAME8Sxxxx	8.23	12.99	10.58	12.09

LRX Accessories (Ordered separately):

PRODUCT DESCRIPTION	MATERIAL DESCRIPTION	MATERIAL	NOTES
EMERGENCY BATTERY BACKUP KIT (7W)	LRXEMBBKIT07	93043031	7 WATT EMBB QUICK CONNECT KIT (MUST HAVE FIXTURE WITH "EL" OPTION)
EMERGENCY BATTERY BACKUP KIT (10W)	LRXEMBBKIT10	93043540	10 WATT EMBB QUICK CONNECT KIT (MUST HAVE FIXTURE WITH "EL" OPTION)
4" NEW CONSTRUCTION ROUND FRAME KIT	FRAME4R	93090208	RECOMMENDED FOR NEW CONSTRUCTION APPLICATIONS
6" NEW CONSTRUCTION ROUND FRAME KIT	FRAME6R	93025091	RECOMMENDED FOR NEW CONSTRUCTION APPLICATIONS
8" NEW CONSTRUCTION ROUND FRAME KIT	FRAME8R	93025092	RECOMMENDED FOR NEW CONSTRUCTION APPLICATIONS
4" NEW CONSTRUCTION SQUARE FRAME KIT	FRAME4S	93090209	RECOMMENDED FOR NEW CONSTRUCTION APPLICATIONS
6" NEW CONSTRUCTION SQUARE FRAME KIT	FRAME6S	93045426	RECOMMENDED FOR NEW CONSTRUCTION APPLICATIONS
8" NEW CONSTRUCTION SQUARE FRAME KIT	FRAME8S	93045427	RECOMMENDED FOR NEW CONSTRUCTION APPLICATIONS
ENLIGHTED SENSOR KIT	LCACBAVQNUNGALV	93029451	SEE LCA KIT LITERATURE & INSTALL GUIDE
DAINTREE SENSOR KIT	LCACBAVTQUNGALV	93057194	SEE LCA KIT LITERATURE & INSTALL GUIDE
HANGER BAR, C-CHANNEL - 25 1/4" (BOXED PAIR)	BH3	93110306	RECOMMENDED FOR NEW CONSTRUCTION APPLICATIONS
347V KIT	LRX347V277	93036250	347V TRANSFORMER QUICK CONNECT KIT

Colored Round Trim Options (ordered separately):

	PRODUCT DESCRIPTION	MATERIAL DESCRIPTION	MATERIAL	LUMEN OUTPUT
	LRXR6 ROUND 6" TRIM INSERT, BLACK	LRXR6TRIMBL	93059501	70%
	LRXR6 ROUND 6" TRIM INSERT, SILVER	LRXR6TRIMSV	93059502	90%
	LRXR8 ROUND 8" TRIM INSERT, BLACK (NOT AVAILABLE IN 3000LM)	LRXR8TRIMBL	93059503	70%
	LRXR8 ROUND 8" TRIM INSERT, SILVER (NOT AVAILABLE IN 3000LM)	LRXR8TRIMSV	93059504	85%

Photometric Data: Lumination™ LRX Series Downlights

Performance Summary:

0-10V Dimming

NOMINAL LUMENS	650	1000	1800	3000
Delivered Lumens-LRX*4	700	1020	N/A	N/A
Delivered Lumens-LRX*6	700	1050	1900	N/A
Delivered Lumens-LRX*8	750	1200	2000	3300
System Input Power (W)	8.5	13	22	35
System Efficacy (LPW)	88	92	91	94

Delivered Lumen Multipliers

CCT	MULTIPLIERS
4000K	1
3500K	0.98
3000K	0.94

Forward Phase Dimming

NOMINAL LUMENS	650	1000	1800	3000	4000
Delivered Lumens-LRXR4	620	990	N/A	N/A	N/A
Delivered Lumens-LRXR6	660	1060	1820	N/A	N/A
Delivered Lumens-LRXR8	710	990	1960	3180	4080
System Input Power (W)	7	11	19	29	41
System Efficacy (LPW)	101	103	103	109	99

* LPW based off of LRXR8 delivered lumens

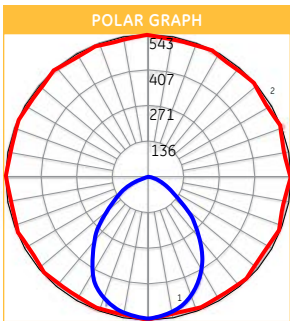
4" Round LRX (EX: LRXR410830MD)

LUMINANCE DATA (CD/SQ.M)			
Angle	0°	45°	90°
45°	44163	43507	44576
55°	31383	30998	31794
65°	19283	19142	19599
75°	12977	12649	12986
85°	6327	6456	8002

ZONAL LUMEN SUMMARY	
Zone	Lumens
0-10	50.98
10-20	143.53
20-30	208.85
30-40	226.68
40-50	194.68
50-60	131.45
60-70	66.78
70-80	29.04
80-90	6.9
90-100	0.04
100-110	0.04
110-120	0.03
120-130	0.02
130-140	0.02
140-150	0.02
150-160	0.02
160-170	0.01
170-180	0.00

COEFFICIENTS OF UTILIZATION																			
RC	80%				70%				50%			30%			10%			0%	
RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	
1	111	107	103	100	108	105	102	99	101	98	96	97	95	93	93	92	90	88	
2	103	96	90	85	100	94	89	84	90	86	82	87	84	80	84	81	79	77	
3	95	86	79	73	92	84	78	73	81	76	71	79	74	70	76	72	69	67	
4	88	77	70	64	86	76	69	63	74	67	63	71	66	62	69	65	61	59	
5	81	70	62	56	79	69	62	56	67	60	55	65	59	55	63	58	54	52	
6	76	64	56	50	74	63	55	50	61	54	49	60	54	49	58	53	49	47	
7	71	58	50	45	69	58	50	45	56	49	44	55	49	44	53	48	44	42	
8	66	54	46	41	65	53	46	40	52	45	40	51	44	40	49	44	40	38	
9	62	50	42	37	61	49	42	37	48	41	37	47	41	37	46	40	36	35	
10	58	46	39	34	57	46	38	34	45	38	34	44	38	33	43	37	33	32	

ZONAL LUMEN SUMMARY			
Zone	Lumens	% of Lamp	% of Fixture
0-20	194.51	N.A.	18.4
0-30	403.36	N.A.	38.1
0-40	630.04	N.A.	59.5
0-60	956.17	N.A.	90.3
0-80	1052	N.A.	99.3
0-90	1058.9	N.A.	100



Photometric Data: Lumination™ LRX Series Downlights

6" Round LRX (EX: LRXR610830MD)

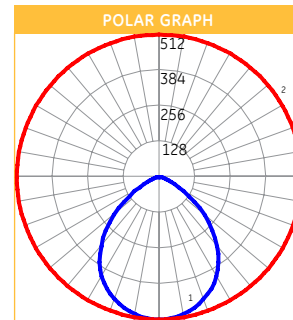
ZONAL LUMEN SUMMARY	
Zone	Lumens
0-10°	48.26
10-20°	135.99
20-30°	199.14
30-40°	221.96
40-50°	188.12
50-60°	118.95
60-70°	54.04
70-80°	25.47
80-90°	7.78
90-100°	0.06
100-110°	0.02
110-120°	0.03
120-130°	0.03
130-140°	0.04
140-150°	0.05
150-160°	0.05
160-170°	0.03
170-180°	0.01

COEFFICIENTS OF UTILIZATION																			
RC	80%				70%				50%			30%			10%			0%	
RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	
1	111	107	104	100	108	105	102	99	101	98	96	97	95	93	93	92	90	88	
2	103	96	90	85	100	94	89	85	91	86	83	87	84	81	85	82	79	77	
3	95	86	79	74	93	85	78	73	82	76	72	79	75	71	77	73	69	68	
4	88	78	70	64	86	76	69	64	74	68	63	72	67	62	70	65	62	60	
5	82	70	63	57	80	69	62	57	67	61	56	66	60	55	64	59	55	53	
6	76	64	56	51	74	63	56	50	62	55	50	60	54	50	59	53	49	47	
7	71	59	51	45	69	58	51	45	57	50	45	55	49	45	54	48	44	43	
8	66	54	46	41	65	53	46	41	52	45	41	51	45	40	50	44	40	39	
9	62	50	42	37	61	49	42	37	48	42	37	47	41	37	46	41	37	35	
10	59	46	39	34	57	46	39	34	45	38	34	44	38	34	43	38	34	32	

NOTE: Floor Cavity Reflectance : 20%

ZONAL LUMEN SUMMARY		
Zone	Lumens	% of Fixture
0-20°	184.25	18.40
0-30°	383.39	38.30
0-40°	605.34	60.50
0-60°	912.41	91.20
0-80°	991.92	99.20
0-90°	999.70	100.00

LUMINANCE DATA (CANDELA/m²)			
Gamma	0°	45°	90°
45°	17519	17519	17519
55°	11682	11682	11682
65°	6286	6286	6286
75°	4723	4723	4723
85°	4000	4000	4000



8" Round LRX (EX: LRXR818830MD)

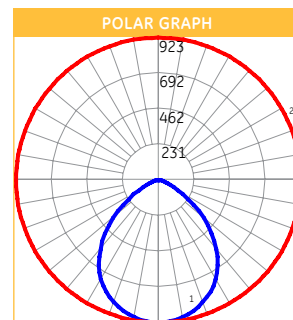
ZONAL LUMEN SUMMARY	
Zone	Lumens
0-10°	87.00
10-20°	245.00
20-30°	357.94
30-40°	405.72
40-50°	355.72
50-60°	213.19
60-70°	84.35
70-80°	37.58
80-90°	10.61
90-100°	0.07
100-110°	0.14
110-120°	0.29
120-130°	0.44
130-140°	0.54
140-150°	0.55
150-160°	0.48
160-170°	0.31
170-180°	0.10

COEFFICIENTS OF UTILIZATION																			
RC	80%				70%				50%			30%			10%			0%	
RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	
1	111	107	104	101	108	105	102	99	101	98	96	97	95	93	94	92	90	88	
2	103	96	91	86	101	94	89	85	91	87	83	88	84	81	85	82	79	78	
3	95	87	80	74	93	85	79	74	82	77	72	80	75	71	77	73	70	68	
4	88	78	71	65	86	77	70	65	75	68	64	72	67	63	70	66	62	60	
5	82	71	63	57	80	70	63	57	68	61	56	66	60	56	64	59	55	53	
6	76	65	57	51	75	64	56	51	62	55	50	60	54	50	59	54	50	48	
7	71	59	51	46	70	58	51	46	57	50	45	56	50	45	54	49	45	43	
8	67	54	47	41	65	54	46	41	52	46	41	51	45	41	50	45	41	39	
9	62	50	43	38	61	50	42	38	49	42	37	47	41	37	47	41	37	35	
10	59	47	39	34	57	46	39	34	45	39	34	44	38	34	43	38	34	32	

NOTE: Floor Cavity Reflectance : 20%

ZONAL LUMEN SUMMARY		
Zone	Lumens	% of Fixture
0-20°	332.00	18.40
0-30°	689.94	38.30
0-40°	1095.66	60.90
0-60°	1664.57	92.50
0-80°	1786.51	99.20
0-90°	1797.12	99.80

LUMINANCE DATA (CANDELA/m²)			
Gamma	0°	45°	90°
45°	8251	8251	8251
55°	4433	4433	4433
65°	1645	1645	1645
75°	827	827	827
85°	263	263	263



Photometric Data: Lumination™ LRX Series Downlights

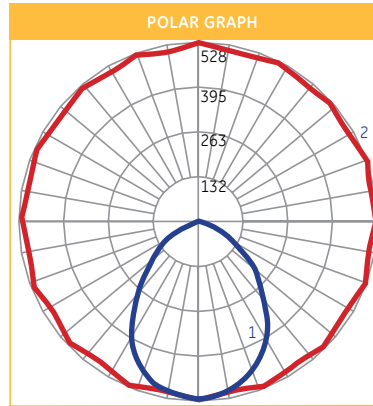
4" Square LRX (EX: LRXS410830MD)

LUMINANCE DATA (CD/SQ.M)			
Angle	0°	45°	90°
45°	35273	36299	35256
55°	27588	27635	27301
65°	18968	18839	18210
75°	8602	9764	7882
85°	6858	7083	5183

ZONAL LUMEN SUMMARY	
Zone	Lumens
0-10	48.79
10-20	136.05
20-30	195.03
30-40	214.18
40-50	192.29
50-60	143.00
60-70	81.10
70-80	27.89
80-90	6.20
90-100	0.79
100-110	0.65
110-120	0.37
120-130	0.23
130-140	0.18
140-150	0.13
150-160	0.10
160-170	0.06
170-180	0.01

COEFFICIENTS OF UTILIZATION																				
RC	80%				70%				50%			30%			10%			0%		
RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	111	107	103	100	108	104	101	98	100	98	95	96	94	92	93	91	89	87		
2	102	95	89	84	100	93	88	83	90	85	81	86	83	79	83	80	78	76		
3	94	85	78	72	92	83	77	71	80	75	70	78	73	69	75	71	68	66		
4	87	76	68	63	85	75	68	62	73	66	61	70	65	60	68	64	60	58		
5	81	69	61	55	79	68	60	55	66	59	54	64	58	53	62	57	53	51		
6	75	63	54	49	73	62	54	48	60	53	48	58	52	48	57	51	47	45		
7	70	57	49	44	68	56	49	43	55	48	43	54	47	43	52	47	42	41		
8	65	53	45	39	64	52	44	39	51	44	39	49	43	39	48	43	38	37		
9	61	49	41	36	60	48	41	36	47	40	35	46	40	35	45	39	35	33		
10	57	45	38	33	56	44	37	33	43	37	32	43	37	32	42	36	32	30		

ZONAL LUMEN SUMMARY			
Zone	Lumens	% of Lamp	% of Fixture
0-20	184.85	N.A.	17.7
0-30	379.88	N.A.	36.3
0-40	594.06	N.A.	56.7
0-60	929.35	N.A.	88.8
0-80	1038.34	N.A.	99.2
0-90	1044.54	N.A.	99.8



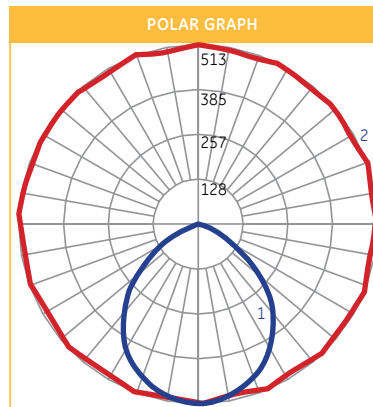
6" Square LRX (EX: LRXS610830MD)

LUMINANCE DATA (CD/SQ.M)			
Angle	0°	45°	90°
45°	17826	19831	17826
55°	12430	14165	12430
65°	6627	8018	6627
75°	3963	4079	3963
85°	3057	3057	3057

ZONAL LUMEN SUMMARY	
Zone	Lumens
0-10	48.40
10-20	137.38
20-30	203.26
30-40	229.80
40-50	202.64
50-60	136.51
60-70	63.03
70-80	22.61
80-90	6.12
90-100	0.03
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.02
140-150	0.06
150-160	0.05
160-170	0.03
170-180	0.01

COEFFICIENTS OF UTILIZATION																				
RC	80%				70%				50%				30%			10%			0%	
RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	111	107	104	101	108	105	102	99	101	98	96	97	95	93	93	92	90	88		
2	103	96	90	85	100	94	89	84	91	86	82	87	84	81	84	81	79	77		
3	95	86	79	73	93	84	78	73	81	76	71	79	74	70	76	72	69	67		
4	88	77	70	64	86	76	69	63	74	67	63	71	66	62	69	65	61	59		
5	81	70	62	56	79	69	61	56	67	60	55	65	59	55	63	58	54	52		
6	76	64	56	50	74	63	55	50	61	54	49	59	53	49	58	53	48	47		
7	70	58	50	45	69	57	50	44	56	49	44	55	48	44	53	48	44	42		
8	66	53	46	40	64	53	45	40	51	45	40	50	44	40	49	44	39	38		
9	62	49	42	37	60	49	41	36	48	41	36	47	40	36	46	40	36	34		
10	58	46	38	33	57	45	38	33	44	38	33	43	37	33	42	37	33	31		

ZONAL LUMEN SUMMARY			
Zone	Lumens	% of Lamp	% of Fixture
0-20	185.78	N.A.	17.70
0-30	389.04	N.A.	37.10
0-40	618.84	N.A.	58.90
0-60	957.99	N.A.	91.20
0-80	1043.63	N.A.	99.40
0-90	1049.74	N.A.	100.00



Photometric Data: Lumination™ LRX Series Downlights

8" Square LRX (EX: LRXS810830MD)

LUMINANCE DATA (CD/SQ.M)				COEFFICIENTS OF UTILIZATION																						
Angle	0°	45°	90°	RC	80%				70%				50%				30%				10%				0%	
				RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%	
45°	11581	12804	11581	0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	102	102	100	88
55°	7966	10235	7966	1	111	107	103	100	108	105	101	99	100	98	95	97	95	93	93	93	91	90	88	88	88	88
65°	3805	5993	3805	2	102	95	90	85	100	94	88	84	90	86	82	87	83	80	84	81	78	76	76	76	76	76
75°	2116	3248	2116	3	94	85	78	73	92	84	77	72	81	75	71	78	73	69	76	72	68	66	66	66	66	66
85°	1680	3547	1680	4	87	77	69	63	85	75	68	62	73	67	62	71	65	61	69	64	60	58	58	58	58	58
				5	81	69	61	55	79	68	60	55	66	59	54	64	58	54	62	57	53	51	51	51	51	51
				6	75	63	55	49	73	62	54	49	60	53	48	58	52	48	57	52	47	45	45	45	45	45
				7	70	57	49	43	68	56	49	43	55	48	43	54	47	43	52	47	42	41	41	41	41	41
				8	65	52	45	39	64	52	44	39	50	44	39	49	43	39	48	43	38	37	37	37	37	37
				9	61	48	41	35	59	48	40	35	47	40	35	46	39	35	45	39	35	33	33	33	33	33
				10	57	45	37	32	56	44	37	32	43	37	32	42	36	32	41	36	32	30	30	30	30	30

ZONAL LUMEN SUMMARY			
Zone	Lumens		
0-10	51.81		
10-20	147.65		
20-30	220.84		
30-40	258.58		
40-50	243.12		
50-60	169.22		
60-70	75.23		
70-80	25.23		
80-90	7.77		
90-100	0.37		
100-110	0.00		
110-120	0.00		
120-130	0.00		
130-140	0.00		
140-150	0.05		
150-160	0.05		
160-170	0.03		
170-180	0.01		

ZONAL LUMEN SUMMARY			
Zone	Lumens	% of Lamp	% of Fixture
0-20	199.46	N.A.	16.6
0-30	420.3	N.A.	35
0-40	678.88	N.A.	56.6
0-60	1091.22	N.A.	90.9
0-80	1191.68	N.A.	99.3
0-90	1199.45	N.A.	100

POLAR GRAPH

Selectable Driver Package:

The LRX Series comes with a new Selectable Driver Package which allows customers to manually switch from full power (1000lm) to lower power (650lm) with just the switch of a button. This affords unprecedented flexibility to stock fewer SKUs. Reduces install risk by effectively having 2 lumen levels in 1 simple package.



*This feature is only available in the 1000/650lm package.

Product Specifications:

Construction:

- 16 gauge Aluminum spinning reflector housing, powder coating
- Custom engineered heat sink flange for passive cooling on all lumen options

Installation:

- Fixture mounting to an existing metal frame, or install with new frame kit (ordered separately)
- Conduit connect to quick-disconnect for easy installation
- Optional black or silver trims available (ordered separately)

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Optical System:

- Custom engineered reflectors for wide distributions.
- Semi-diffuse diffuser for ideal combination of optical efficiency and uniformity

Electrical System:

- High Efficiency, integrated driver with 0-10V dimming or Forward Phase Dimming
- Selectable Lumen Driver available in the 1000/650lm package.

For more information and access to all of our resources, including our design tool visit: www.LED.com

