



CUSTOMER NAME _____

Project Name _____

Date _____ Type _____

Catalog Number _____

The **Lumination® LRX Series** is a forward phase dimming downlight for retrofit and new construction applications. The LRX series is available in 3 aperture options ranging from 4in to 8in. The LRX series features field-selectable lumen options, adapter rings, and a variety of reflector and trim finishes, making it a versatile solution for commercial spaces.

CONSTRUCTION

Housing:	16 gauge Aluminum spinning reflector housing
Lens:	Custom engineered reflectors for wide distributions.
Paint:	Powdercoat painted
Weights:	Up to 4.6 pounds
Optical Assembly:	High efficiency reflector and optical diffuser.

AMBIENT TEMPERATURE

TYPE	TEMPERATURE RATE
OPERATING TEMPERATURE	0°C TO +25° C

LUMEN MAINTENANCE

LXX(10K) @ Hours 50,000 HR
L85

OPTICAL SYSTEM

Lumens:	1000–4000lm Selectable: 650/1000lm, 3000/4000lm
Distribution:	90°
Efficacy:	Up to 109 LPW
CCT:	3000K, 3500K, 4000K
CRI:	82

MOUNTING

- Spring clips clamp on to existing frame.
- Accessible from beneath the ceiling.
- New construction utilizing FRAME.
- Fixture mounting to an existing metal frame, or install with new frame kit (ordered separately), interior ceiling applications only.
- Conduit connect to quick-disconnect for easy installation.

ELECTRICAL

Input Voltage:	120V
Input Frequency:	50/60Hz
Power Factor (PF)*:	> 0.9%
Total Harmonic Distortion (THD)*:	<20%

* PF and THD may vary with options

ADDITIONAL NOTES

- Non-IC Rated
- Optional black, white or silver trims available (ordered separately)

CONTROLS

Dimming: Forward Phase Dim

DESIGN LIFE & WARRANTY

- **Current's Limited 5-year Warranty:** Please refer to document [IND599](#) for more information.



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PRODUCT CODE	PRODUCT DESCRIPTION	SHAPE	SIZE	LUMEN	CRI	CCT	DIMMING
93068723	LRXR410830PH	Round	4"	650lm/ 1000lm	80	30K	Phase Dimming
93068725	LRXR410840PH	Round	4"	650lm/ 1000lm	80	40K	Phase Dimming
93060580	LRXR610830PH	Round	6"	650lm/ 1000lm	80	30K	Phase Dimming
93060581	LRXR610835PH	Round	6"	650lm/ 1000lm	80	35K	Phase Dimming
93060582	LRXR610840PH	Round	6"	650lm/ 1000lm	80	40K	Phase Dimming
93060584	LRXR618835PH	Round	6"	1800 Lumen	80	35K	Phase Dimming
93060585	LRXR618840PH	Round	6"	1800 Lumen	80	40K	Phase Dimming
93060616	LRXR810830PH	Round	8"	650lm/ 1000lm	80	30K	Phase Dimming
93060617	LRXR810835PH	Round	8"	650lm/ 1000lm	80	35K	Phase Dimming
93060619	LRXR818830PH	Round	8"	1800lm	80	30K	Phase Dimming
93060620	LRXR818835PH	Round	8"	1800lm	80	35K	Phase Dimming
93060621	LRXR818840PH	Round	8"	1800lm	80	40K	Phase Dimming
93060622	LRXR840830PH	Round	8"	3000lm/4000lm	80	30K	Phase Dimming
93060623	LRXR840835PH	Round	8"	3000lm/4000lm	80	35K	Phase Dimming

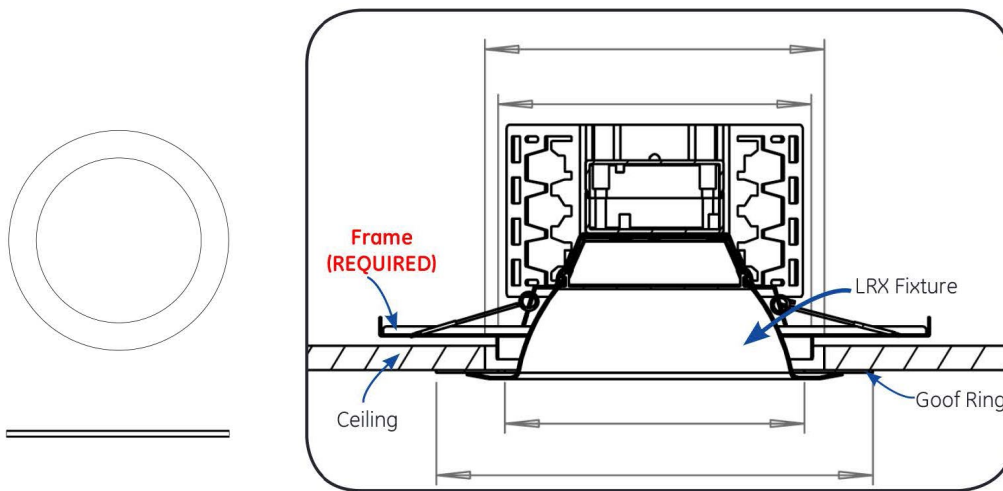
FORWARD PHASE DIMMING					
NOMINAL LUMENS	650	1000	1800	3000	4000
Delivered Lumens - LRXR4	620	990	N/A	N/A	N/A
Delivered Lumens - LRXR6	660	1060	1820	N/A	N/A
Delivered Lumens - LRXR8	710	1140	1960	3180	4080
System Input Power (W)	7	11	19	29	41
System Efficacy (LPW)	101	103	103	109	99

DELIVERED LUMEN MULTIPLIERS	
CCT	MULTIPLIERS
4000K	1
3500K	0.98
3000K	0.94

ACCESSORIES: LUMINATION® LRX SERIES - REMODEL (GOOF) RINGS

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



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






Goof Rings

FOR NEW CONSTRUCTION									FOR RETROFIT	
GOOF RING SKU	GOOF RING DESCRIPTION	GOOF RING SHAPE	SUITABLE FIXTURE	SUITABLE FRAME	INSIDE OF GOOF RING (IN)	OUTSIDE OF GOOF RING (IN)	CEILING HOLD MIN. (IN)	CEILING HOLE MAX. (IN)	SUITABLE FRAME DIMENSION (IN)	FRAME HOLE (IN)
93114516	GRRX4R6PTWT	ROUND	LRXR4XXXXXX	FRAME4RXXXX	4.48	7.09	5.20	6.69	12.60 x 7.64 x 3.54	4.20–4.70
93114518	GRRX6R8PTWT	ROUND	LRXR6XXXXXX	FRAME6RXXXX	6.18	9.00	6.50	8.60	12.60 x 7.64 x 3.54	5.91–6.50
93114520	GRRX8R10PTWT	ROUND	LRXR8XXXXXX	FRAME8RXXXX	7.87	10.50	8.27	10.10	15.55 x 11.34 x 3.54	7.68–8.27
93114522	GRRX8R12PTWT	ROUND	LRXR8XXXXXX	FRAME8RXXXX	7.87	12.99	10.10	12.59	15.55 x 11.34 x 3.54	7.68–8.27

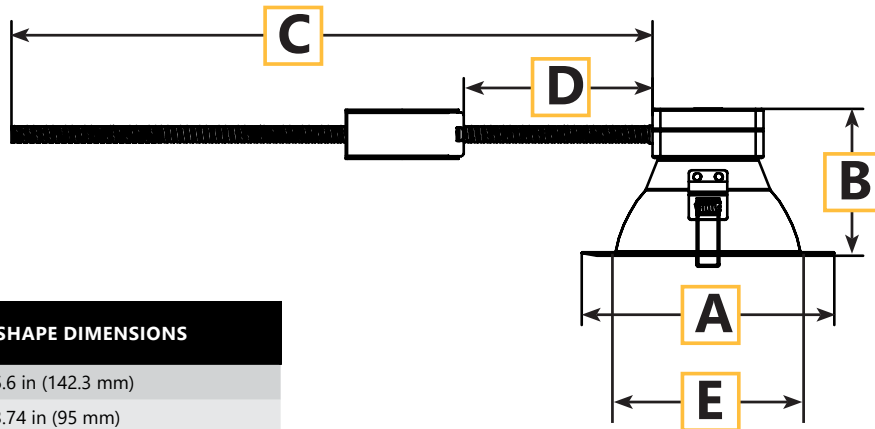
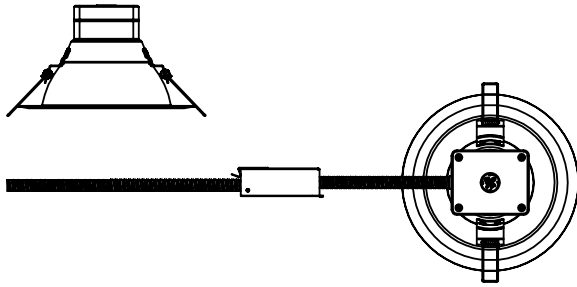
ACCESSORIES: LUMINATION® LRX SERIES

PRODUCT DESCRIPTION	MATERIAL DESCRIPTION	MATERIAL	NOTES
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
HANGER BAR, C-CHANNEL, 25-1/4" (BOXED PAIR)	BH3	93110306	RECOMMENDED FOR NEW CONSTRUCTION APPLICATIONS

ACCESSORIES: LUMINATION® LRX SERIES COLORED ROUND TRIM OPTIONS

ROUND					
	SILVER	BLACK	SPECULAR WITH WHITE TRIM	SEMI-DIFFUSE WITH WHITE TRIM	SEMI-DIFFUSE WITH MATCHING TRIM
					
4"	93151744 LRXTRIMR4SV	93151745 LRXTRIMR4BL	93151746 LRXTRIMR4SP	93151747 LRXTRIMR4SD	
6"	93059502 LRXTRIMR6SV	93059501 LRXTRIMR6BL	93151752 LRXTRIMR6SP	93151753 LRXTRIMR6SD	93152569 LRXTRIMR6SA
8"	93059504 LRXTRIMR8SV	93059503 LRXTRIMR8BL			

DIMENSIONS

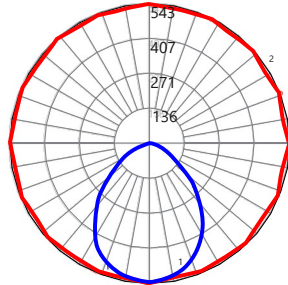


ROUND SHAPE DIMENSIONS		
4 in	A	5.6 in (142.3 mm)
	B	3.74 in (95 mm)
	C	24 in (609.6 mm)
	D	6 in (152.4 mm)
	E	Ceiling Cutout Min: 4.4 in
6 in	A	7.75 in (196.8 mm)
	B	4.5 in (114.2 mm)
	C	24 in (609.6 mm)
	D	6 in (152.4 mm)
	E	Ceiling Cutout Min: 5.7 in
8 in	A	9.75 in (247.6 mm)
	B	5.1 in (129.4 mm)
	C	24 in (609.6 mm)
	D	6 in (152.4 mm)
	E	Ceiling Cutout Min: 7.7 in

PHOTOMETRIC DATA:

4" Round LRX

1059 LM
LRXR410830PH

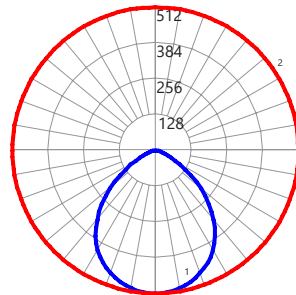


ZONE	LUMENS
0-10	50.98
10-20	143.53
20-30	208.85
30-40	226.68
40-50	194.68
50-60	131.45
60-70	66.78
70-80	29.04
80-90	6.9

ZONE	LUMENS	% OF FIXTURE
0-20	194.51	18.4
0-30	403.36	38.1
0-40	630.04	59.5
0-60	956.17	90.3
0-80	1052.0	99.3
0-90	1058.9	100.0

6" Round LRX

1000 LM
LRXR610830PH

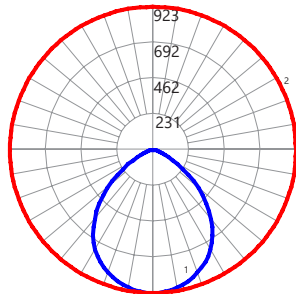


ZONE	LUMENS
0-10	48.26
10-20	135.99
20-30	199.14
30-40	221.96
40-50	188.12
50-60	118.95
60-70	54.04
70-80	25.47
80-90	7.78

ZONE	LUMENS	% OF FIXTURE
0-20	184.25	18.4
0-30	383.39	38.3
0-40	605.34	60.5
0-60	912.41	91.2
0-80	991.92	99.2
0-90	999.70	100.0

8" Round LRX

1797 LM
LRXR818830PH



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

ZONE	LUMENS	% OF FIXTURE
0-20	332.00	18.4
0-30	689.94	38.3
0-40	1095.66	60.9
0-60	1664.57	92.5
0-80	1786.51	99.2
0-90	1797.12	99.8