BRISTOL HISTORIC DISTRICT COMMISSION
APPLICATION FOR REVIEW OF PROPOSED WORK

1. Property Address (Street & No.) _____ 467 Hope St _____

2. Plat # ___ 9 ___ Lot # ___ 54 ___ Contributing _____ Non-Contributing _____

3. a. Applicant: ___ Andrew Rainone- Horton Group LLC ___

   Mailing Address: _ 1 Bishop Lane Madison CT 06443 _

   Phone: Day _ 203-560-5588 _ Evening _"_

   b. Owner *(if different from applicant written authorization of owner required)*: _Mullingar Group LLC_

   Mailing Address: ___ 11 John St Bristol RI 02809 ___

   Phone: Day ___ 401-714-2167 ___ Evening _"_

4. a. Architect/Draftsman: ___ GMR Protection Resources ___

   Address: _ 1629 Smirl Dr Rockwall Texas 75032 _

   Phone: Day ___ 972-772-1322 ___ Evening _____

   b. Contractor: ___ Horton Group LLC ___

   Address: ___ 1 Bishop Lane Madison CT 06443 ___

   Phone: Day ___ 203-560-5588 ___ Evening _"_

5. Work Category: _____ Replacing in-kind* *authorization required* _____

   _____ New Structure(s)   _____ Partial Demolition of Structure(s)

   _____ Addition to Structure(s)   _____ Total Demolition of Structure(s)

   ✓ Remodeling of Structure   _____ Sign(s) / Landscaping Features

6. Description of proposed work: __ Install (1) new canopy mount fixture, replace (5) interior recessed cans and

   install (1) new interior recessed cans. Exterior fixture to be full cut off LED. __

*All changes must match the existing in materials, design and configuration.

(Continued): _____

_____

_____ ☐ ☐ Check here if

continued on additional sheets.

7. Included with the application (check those applicable):

PHOTOGRAPHS: Please label all photographs submitted.

____✓____ Overall view of property from street(s) ____✓____ Overall views of building

_____ Existing details to be altered by work

_____ Other (Identify) _____

Drawings: Maximum size accepted: 11" x 17"

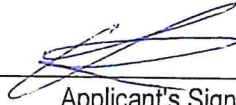____✓____ Site Plan(s) (drawn to scale)   _____ Floor plan(s) (drawn to scale)

____✓____ Exterior Elevations   ____✓____ Details

OTHER: ____✓____ Renderings   ____✓____ Catalogue Cuts   ____✓____ Specifications

_____ Other (Identify) _____

____Andrew Rainone_____   _____
Applicant's Name – Printed   Applicant's Signature

Date: _____2/21/23_____

Contact Person if other than Applicant:

Name (Printed): _____

Phone: Day _____ Evening _____

A Certificate of Appropriateness (Green Sheet) is valid for one year from the date of issuance.
    Note: If work on a project has started within twelve months of its approval date, you have as
    long as is necessary to finish the job (in other words, longer than a year).

Letter of Authorization
Proposed Security Lighting Improvements:
467 Hope St Bristol RI

I have reviewed and approved the GMR lighting plan submitted by CBRE/Bank
America and permit all proposed work/filings to be completed by their contractor Hortor
LLC.

Mullingar Group Representatative

Print: AIDAN Graham

Sign: *Aidan Graham*

Date: Feb 22' '23

CAI Property Card
Town of Bristol, RI

GENERAL PROPERTY INFORMATION

LOCATION: 467 HOPE ST
ACRES: 0.0679
PARCEL ID: 9 54
LAND USE CODE: 04
CONDO COMPLEX:
OWNER: MULLINGAR GROUP, LLC
CO - OWNER:
MAILING ADDRESS: 11 JOHN ST

ZONING: D
PATRIOT ACCOUNT #: 469

SALE INFORMATION

SALE DATE: 8/31/2009
BOOK & PAGE: 1503-246
SALE PRICE: 0
SALE DESCRIPTION: Business Par
SELLER: GRAHAM, AIDAN

PRINCIPAL BUILDING AREAS

GROSS BUILDING AREA: 7868
FINISHED BUILDING AREA: 4972
BASEMENT AREA: 2800
 # OF PRINCIPAL BUILDINGS: 1

ASSESSED VALUES

LAND: $195,000
YARD: $0
BUILDING: $420,600
TOTAL: $615,600

BUILDING EXTERIOR

BUILDING STYLE: Mixed Use
UNITS: 2
YEAR BUILT: 1900
FRAME: Masonry
EXTERIOR WALL COVER: Comm Brk
ROOF STYLE: Flat
ROOF COVER: Tar & Gravel

BUILDING INTERIOR

INTERIOR WALL: Drywall
FLOOR COVER:
HEAT TYPE: Warm & Cool
FUEL TYPE: Oil
PERCENT A/C: False
 # OF ROOMS: 8
 # OF BEDROOMS: 4
 # OF FULL BATHS: 2
 # OF HALF BATHS: 0
 # OF ADDITIONAL FIXTURES: 0
 # OF KITCHENS: 2
 # OF FIREPLACES: 0
 # OF METAL FIREPLACES: 0
 # OF BASEMENT GARAGES: 0

SKETCH

PHOTO

CPY Series - Version A

CPY250® LED Canopy/Soffit Luminaire

Product Description

The CPY250® LED Canopy/Soffit Luminaire has an extremely thin profile constructed of rugged cast aluminum. It can be surface mounted easily from below the canopy deck and can be pendant mounted. Direct imaging of the LEDs is eliminated with a highly efficient patterned flat or 0.91" (23mm) drop glass lens.

Applications: Petroleum canopies, CNG fueling stations, soffits

Performance Summary

Made in the U.S.A. of U.S. and imported parts

Initial Delivered Lumens: Up to 17,470

Efficacy: Up to 125 LPW

CRI: Minimum 70 CRI

CCT: 4000K (+/- 300K), 5700K (+/- 500K) Standard

Limited Warranty†: 10 years on luminaire/10 years on Colorfast DeltaGuard® finish

IP66 Rated (Direct Mount only)

Class I, Division 2 Hazardous Location for select models

† See http://lighting.cree.com/warranty for warranty terms

DM Mount

Flat Lens

Drop Lens

0.91" (23mm) Drop Lens
2.0" (50mm) Flat Glass Lens

Gasket to Seal up to 4.25" (108mm) Canopy Cutout
3/4" (19mm) NPT Conduit Entry

7.2" (183mm)
15.0" (382mm)

Mounts with (4) Supplied Self-Sealing Sheet Metal Screws
11.0" (279mm)

Weight
12.5 lbs. (5.7kg)

Accessories

Field-Installed

Direct Mount Luminaires

Canopy Upgrade Kits (18 ga. steel)
XA-BXCCMW – for use with Jet-Philips, 21.60" (549mm) square
XA-BXCCNW – for use with Elsco Franciscan, 22.06" (560mm) square
XA-BXCCPW – for use with LSI Dakota or Masters, 22.50" (572mm) square
XA-BXCCQW – for use with Whiteway Riviera or Rig-A-Lite, 20.60" (523mm) square
XA-BXCCRW – for use with Elsco Merrit, 18.06" (459mm) square
XA-BXCCSW – for use with LSI Richmond or Whiteway Civic, 23.00" (584mm) L x 13.00" (330mm) W

Direct Mount Junction Box/Stem Kit
XA-BXCCJBOX – 6.0" (152mm) H x 3/4" (19mm) NPT Stem
- Watertight
- Rated for feed through 8 (4 in, 4 out) #12 AWC conductors

Direct Mount Beauty Plates
XA-BXCCBPW – 26.17" (665mm) Beauty Plate Only (18 ga. steel)
XA-BXCCBPB12W – 26.17" (665mm) Beauty Plate (18 ga. steel) w/12" (305mm) Backer Plate (16 ga. steel)
- For use in canopies where deck opening is larger than what is required for mounting the CPY250 luminaire. Maximum deck opening 10.75" x 15" (183mm x 375mm)
XA-BXCCBPB16W – 26.17" (665mm) Beauty Plate (18 ga. steel) w/16" (406mm) Backer Plate (16 ga. steel)
- For use in canopies where deck opening is larger than what is required for mounting the CPY250 luminaire. Maximum deck opening 12" x 15" (305mm x 375mm)
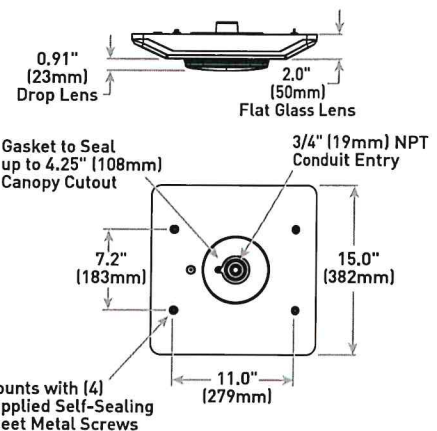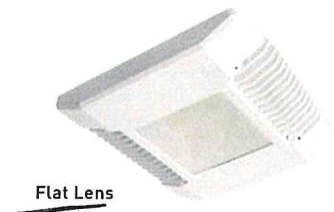
Pendant Mount Luminaires

Pendant Mount Kits
XA-PS12KIT* – 5" (127mm) pendant
XA-PS18KIT* – 11" (279mm) pendant
XA-PS22KIT* – 15" (381mm) pendant
- Includes two conduit fittings and 3/4-14 NPT pipe threaded on two ends

Hand-Held Remote
XA-SENSREM
- For successful implementation of the programmable multi-level option, a minimum of one hand-held remote is required

* Must specify color

Ordering Information

Example: CPY250-A-DM-D-D-UL-SV

CPY250	A							
Product	**Version**	**Mounting**	**Optic**	**Input Power Designator**	**Voltage**	**Color Options**	**Options**	
CPY250	A	**DM** Direct **PD** Pendant	**D** 0.91" (23mm) Drop Lens **F** Flat Lens	**A** 82W **D** 140W	**UL** Universal 120-277V **UH** Universal 347-480V	**BK** Black **BZ** Bronze **SV** Silver **WH** White	**DIM 0-10V Dimming** - Available with D Input Power Designator only - Control by others - Refer to Dimming spec sheet for details - Can't exceed wattage of specified Input Power Designator **HZ Class I, Div. 2 Hazardous Location Certification** - Not available with DIM or PML options	**PML Programmable Multi-Level** - Available with D Input Power Designator only - Available with UL voltage only - Refer to PML spec sheet for details **40K 4000K Color Temperature** - Minimum 70 CRI - Color temperature per luminaire

US: lighting.cree.com   T (800) 236-6800 F (262) 504-5415
Rev. Date: V10 10/03/2018
CREE
Canada: www.cree.com/canada   T (800) 473-1234 F (800) 890-7507

Product Specifications

CONSTRUCTION & MATERIALS

- Slim, low profile design
- Easy mounting and servicing from below the deck
- Luminaire housing is constructed of rugged cast aluminum with integral heat sink specifically designed for LED
- Flat lens is 0.125" tempered Solite® glass
- Drop lens is 0.157" molded borosilicate glass
- Direct mount is suitable for use in single or double skin canopies with a minimum 4.0" (102mm) wide panels and a minimum 22 gauge, 0.030" (0.7mm) canopy thickness
- Direct mount luminaire mounts directly to the canopy deck with the drilling of a single 2" to 4" (51mm to 102mm) round hole, is secured in place with self-sealing screws that provide a weathertight seal and includes 3/4" (19mm) conduit entry for direct wire feed
- Standard pendant mount includes a mounting bracket and a J-Box for customer wiring and is intended to be mounted by 3/4 IP pendant (by others)
- Hazardous location pendant mount has a threaded hub which accepts 3/4" NPT conduit (by others) and secures with a 1/4"-20 set screw
- Exclusive Colorfast DeltaGuard® finish features an E-Coat epoxy primer with an ultra-durable powder topcoat, providing excellent resistance to corrosion, ultraviolet degradation and abrasion. Black, bronze, silver and white are available
- **Weight:** 12.5 lbs. (5.7kg)

ELECTRICAL SYSTEM

- **Input Voltage:** 120-277V or 347-480V, 50/60Hz, Class 1 drivers
- **Power Factor:** > 0.9 at full load
- **Total Harmonic Distortion:** < 20% at full load
- Integral 6kV surge suppression protection standard
- To address inrush current, slow blow fuse or type C/D breaker should be used
- **10V Source Current:** 0.15mA
- **Operating Temperature Range:** Applications Requiring Class I, Division 2 Hazardous Location Ratings: -40°C - +25°C; A Input Power Designator:-40°C - +40°C (direct mount to plywood), -40°C - +45°C (direct mount to sheet metal/suspended); D Input Power Designators: -40°C - +35°C (sheet metal/suspended only)

  WARNING: Exceeding maximum operating temperature may result in thermal foldback

REGULATORY & VOLUNTARY QUALIFICATIONS

- cULus Listed
- Suitable for wet locations when ordered with DM mount
- Suitable for damp locations when ordered with PD mount
- Suitable for wet locations when ordered with PD mount and HZ option
- Enclosure rated IP66 per IEC 60529 when ordered with DM mount
- Consult factory for CE Certified products
- 6kV surge suppression protection tested in accordance with IEEE/ANSI C62.41.2
- Meets FCC Part 15, Subpart B, Class A standards for conducted and radiated emissions
- DLC and DLC Premium qualified versions available. Please refer to https://www.designlights.org/search/ for most current information
- Luminaire and finish endurance tested to withstand 5,000 hours of elevated ambient salt fog conditions as defined in ASTM Standard B 117
- Meets Buy American requirements within ARRA
- RoHS compliant. Consult factory for additional details
- Class I, Division 2 Hazardous Location rated when ordered with the HZ option. Not available with DIM or PML options. Consult factory for additional details
- ⚠ **CA RESIDENTS WARNING:** Cancer and Reproductive Harm – www.p65warnings.ca.gov

Electrical Data*

Input Power Designator	System Watts 120-277V	System Watts 347-480V	Total Current (A)					
			120V	208V	240V	277V	347V	480V
A	82	84	0.69	0.40	0.35	0.32	0.24	0.18
D	140	145	1.24	0.71	0.62	0.54	0.44	0.29

* Electrical data at 25°C (77°F). Actual wattage may differ by +/- 10% when operating between 120-480V +/- 10%

Recommended CPY Series - Version A Lumen Maintenance Factors (LMF)[1]

Ambient	Input Power Designator	Initial LMF	25K hr Projected[2] LMF	50K hr Projected[2] LMF	75K hr Projected[2] LMF	100K hr Projected[2] LMF
5°C (41°F)	A	1.05	1.00	0.93	0.87	0.81
	D	1.05	0.98	0.90	0.83	0.76
10°C (50°F)	A	1.04	0.99	0.92	0.86	0.80
	D	1.04	0.98	0.89	0.82	0.75
15°C (59°F)	A	1.02	0.97	0.91	0.84	0.79
	D	1.02	0.96	0.88	0.80	0.74
20°C (68°F)	A	1.01	0.96	0.90	0.84	0.78
	D	1.01	0.95	0.87	0.80	0.73
25°C (77°F)	A	1.00	0.95	0.89	0.83	0.77
	D	1.00	0.94	0.86	0.79	0.72
30°C (86°F)	A	0.99	0.94	0.88	0.82	0.76
	D	0.99	0.93	0.85	0.78	0.72

[1] Lumen maintenance values at 25°C (77°F) are calculated per TM-21 based on LM-80 data and in-situ luminaire testing on sheet metal

[2] In accordance with IESNA TM-21-11, Projected Values represent interpolated value based on time durations that are within six times (6X) the IESNA LM-80-08 total test duration (in hours) for the device under testing (DUT) i.e. the packaged LED chip)

[3] In accordance with IESNA TM-21-11, Calculated Values represent time durations that exceed six times (6X) the IESNA LM-80-08 total test duration (in hours) for the device under testing (DUT) i.e. the packaged LED chip)
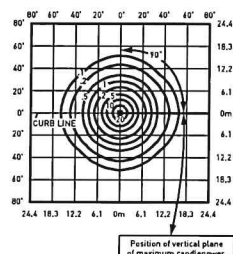
CREE⇕®

Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP accredited laboratory. To obtain an IES file specific to your project consult: http://lighting.cree.com/products/outdoor/canopy-and-soffit/cpy-series
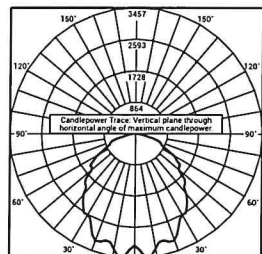
DROP LENS

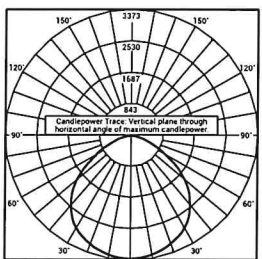CESTL Test Report #: 2013-0111
CPY250-A-**-D-A-UL
Initial Delivered Lumens: 8,356

CPY250-A-**-D-D-UL
Mounting Height: 15' (4.6m)
Initial Delivered Lumens: 17,059
Initial FC at grade

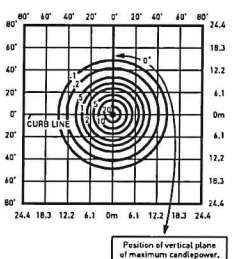| Drop Lens Distribution				
Input Power Designator	4000K		5700K	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
A	7,600	B3 U2 G1	8,000	B3 U2 G1
D	16,403	B4 U3 G2	17,059	B4 U3 G2

* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens
** For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: https://www.ies.org/wp-content/uploads/2017/03/TM-15-11BUGRatingsAddendum.pdf

FLAT LENS

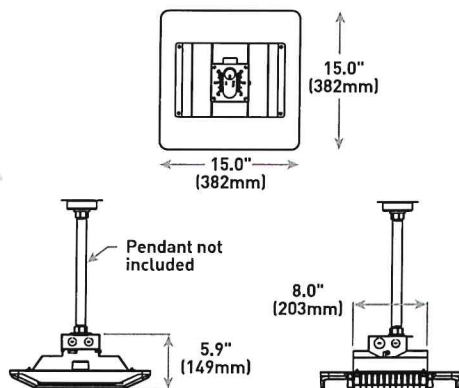ITL Test Report #: 76866
CPY250-A-**-F-A-UL
Initial Delivered Lumens: 8,821

CPY250-A-**-F-D-UL
Mounting Height: 15' (4.6m)
Initial Delivered Lumens: 17,470
Initial FC at grade

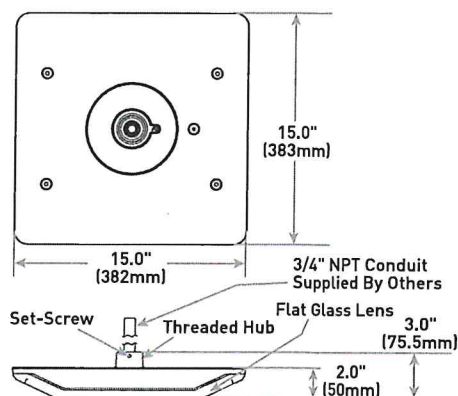| Flat Lens Distribution				
Input Power Designator	4000K		5700K	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
A	7,600	B3 U0 G1	8,000	B3 U0 G1
D	16,798	B4 U0 G1	17,470	B4 U0 G1

* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens
** For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: https://www.ies.org/wp-content/uploads/2017/03/TM-15-11BUGRatingsAddendum.pdf

PD Mount

15.0" (382mm)
15.0" (382mm)

Pendant not included

8.0" (203mm)
5.9" (149mm)

PD Mount w/HZ Option

15.0" (383mm)
15.0" (382mm)

3/4" NPT Conduit Supplied By Others
Flat Glass Lens
3.0" (75.5mm)
Set-Screw
Threaded Hub
2.0" (50mm)

CREE

Lumination

Lumination® LRX Series
LED Downlights

The **Lumination® LRX Series** is a specifiable downlight for retrofit and new construction applications. The LRX series is available in round and square form factors with 5 aperture options ranging from 4in to 12in. 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.

OPTICAL SYSTEM

Lumens:	1000–6000lm Selectable: 650/1000lm, 3000/4000lm, 4000/5000/6000lm
Distribution:	90°
Efficacy:	Up to 112 LPW
CCT:	3000K, 3500K, 4000K
CRI:	82

ELECTRICAL

Input Voltage:	120–277V
Input Frequency:	50/60Hz
Power Factor (PF)*:	> 0.9%
Total Harmonic Distortion (THD)*:	<20%

* PF and THD may vary with options

CONTROLS

Dimming: Standard 0–10V, Dimming 10%

Controls: Daintree compatible with accessory kit

AMBIENT TEMPERATURE

TYPE	TEMPERATURE RATE
OPERATING TEMPERATURE	-10°C TO +40°C (no EMBB) 0°C TO +25°C (with EMBB)

LUMEN MAINTENANCE

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

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.

ADDITIONAL NOTES

- Non-IC Rated
- IK00 Impact Resistant
- Optional black, white or silver trims available (ordered separately)

DESIGN LIFE & WARRANTY

- Current's Limited 5-year Warranty:
  Please refer to document **IND599** for more information.

WET RATED WE SELL ENERGY STAR CONTROLS ENABLED DIMMABLE SELECTABLE LUMENS UL CERTIFIED 5 YEAR WARRANTY

IND288-Lumination-LRX-Series-LEDDownlight-Specsheet

LRX				8		MD		
– – –	– –		– –	–	– –	– –		– –

| FAMILY	SHAPE/SIZE	LUMENS	CRI	CCT	DIMMING	OPTIONS
LRX = Lumination® LRX Series Downlight	**R4** = 4" Round Retrofit Downlight **S4** = 4" Square Retrofit Downlight	**10**[1] = 1000lm/650lm	**8** = 82 CRI	**30** = 3000K **35** = 3500K **40** = 4000K	**MD** = 0–10V Dimming	**Blank** = None **EL** = EMBB Ready
	R6 = 6" Round Retrofit Downlight **S6** = 6" Square	**10**[1] = 1000lm/650lm **18** = 1800lm				
	R8 = 8" Round Retrofit Downlight **S8** = 8" Square Retrofit Downlight	**10**[1] = 1000lm/650lm **18** = 1800lm **30** = 3000lm **40**[1] = 4000lm/3000lm				
	R10[4] = 10" Round Retrofit Downlight	**30**[4] = 3000lm **60**[1,4] = 4000lm/5000lm/6000lm				
	R12[4] = 12" Round Retrofit Downlight	**60**[1,4] = 4000lm/5000lm/6000lm				

Notes:
1. Selectable Lumen packages allow for field adjustments to light output. See page 7 for details.
2. The standard trim is white. Colored trim options are available see page 4 for details.
3. Attach to existing frame or install with new frame kit (ordered separately) per UL.
4. 10inch and 12inch 3000lm & 4000/5000/6000lm only for MD=0–10V dimming.

0–10V DIMMING							
NOMINAL LUMENS	**650**	**1000**	**1800**	**3000**	**4000**	**5000**	**6000**
Delivered Lumens - LRX*4	700	1020	N/A	N/A	N/A	N/A	N/A
Delivered Lumens - LRX*6	700	1050	1900	N/A	N/A	N/A	N/A
Delivered Lumens - LRX*8	750	1200	2000	3300	N/A	N/A	N/A
Delivered Lumens - LRXR10	N/A	N/A	N/A	3180	4600	5400	6200
Delivered Lumens - LRXR12	N/A	N/A	N/A	N/A	4650	5450	6250
System Input Power (W)	8.5	13	22	35	41	49	59.5
System Efficacy (LPW)	88	92	91	94	112	110	104

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

Frame (REQUIRED)

LRX Fixture

Ceiling
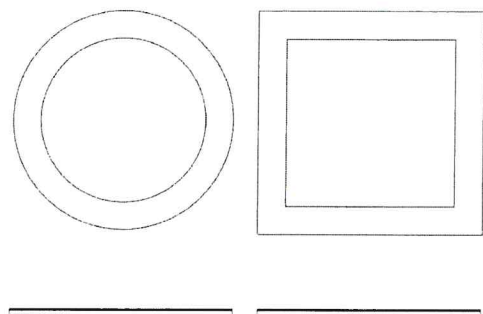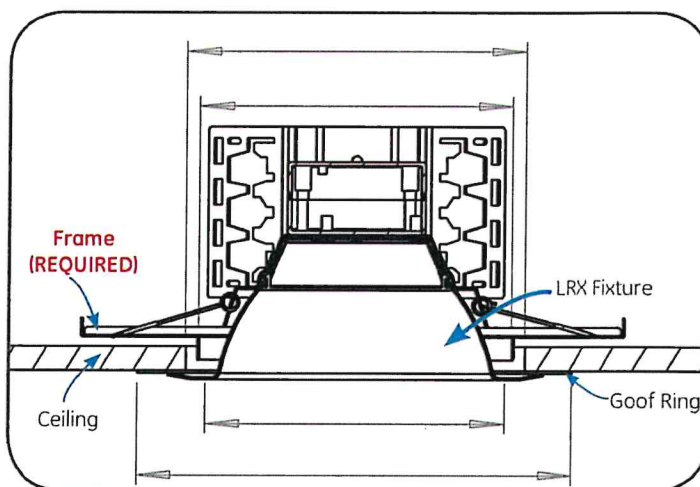
Goof Ring

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	LRXR4XXXXXXX	FRAME4RXXXX	4.48	7.09	5.20	6.69	12.60 x 7.64 x 3.54	4.20–4.70
93114517	GRRX4S6PTWT	SQUARE	LRXS4XXXXXXX	FRAME4SXXXX	4.48	7.09	5.20	6.19	12.60 x 7.64 x 3.54	4.20–4.90
93114518	GRRX6R8PTWT	ROUND	LRXR6XXXXXXX	FRAME6RXXXX	6.18	9.00	6.50	8.60	12.60 x 7.64 x 3.54	5.91–6.50
93114519	GRRX6S8PTWT	SQUARE	LRXS6XXXXXXX	FRAME6SXXXX	6.22	8.98	7.50	8.08	13.35 x 11.34 x 3.54	5.95–7.50
93114520	GRRX8R10PTWT	ROUND	LRXR8XXXXXXX	FRAME8RXXXX	7.87	10.50	8.27	10.10	15.55 x 11.34 x 3.54	7.68–8.27
93114521	GRRX8S10PTWT	SQUARE	LRXS8XXXXXXX	FRAME8SXXXX	8.23	10.98	9.50	10.08	13.35 x 11.34 x 3.54	7.95–9.50
93114522	GRRX8R12PTWT	ROUND	LRXR8XXXXXXX	FRAME8RXXXX	7.87	12.99	10.10	12.59	15.55 x 11.34 x 3.54	7.68–8.27
93114523	GRRX8S12PTWT	SQUARE	LRXS8XXXXXXX	FRAME8SXXXX	8.23	12.99	10.58	12.09	13.35 x 11.34 x 3.54	7.95–9.50

IND288-Lumination-LRX-Series-LEDDownlight-Specsheet

CUSTOMER NAME _____

Project Name _____

Date _____ Type _____

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ACCESSORIES: LUMINATION® LRX SERIES

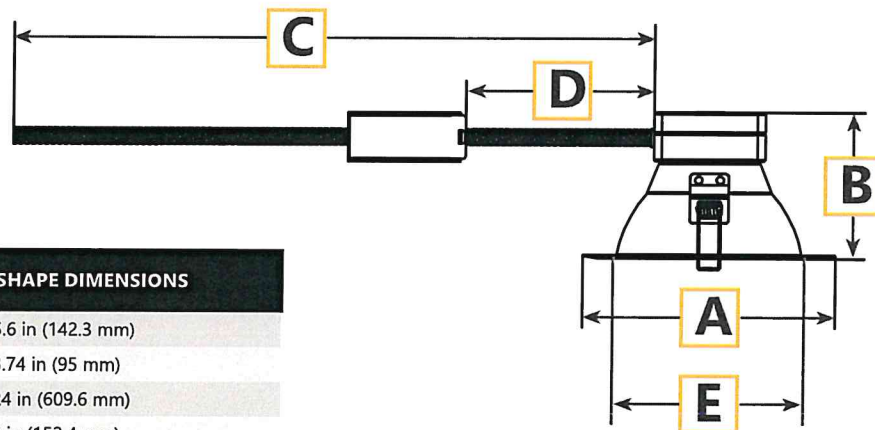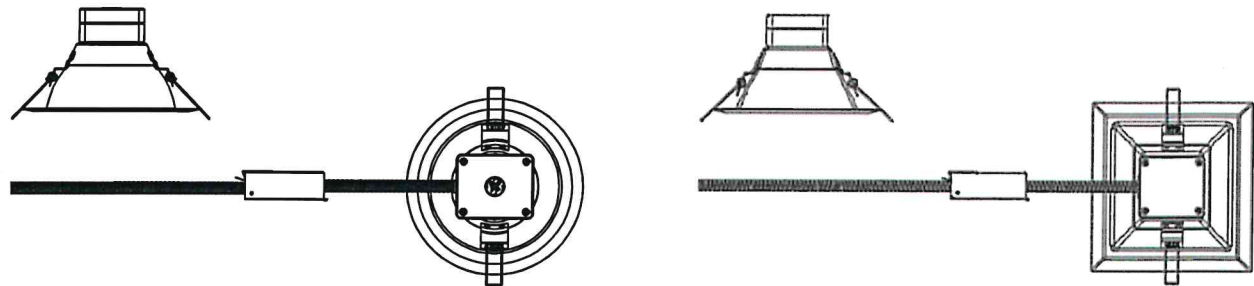| PRODUCT DESCRIPTION	MATERIAL DESCRIPTION	MATERIAL	NOTES
EMERGENCY BATTERY BACKUP KIT (7W)	LRXEMBBKIT07	93043031	7 WATT EMBB QUICK CONNECT KIT (MUST HAVE FIXTURE WITH "EL" OPTION)
EMERGENCY BATTERY BACKUP KIT (10W)	LRXEMBBKIT10	93043540	10 WATT EMBB QUICK CONNECT KIT (MUST HAVE FIXTURE WITH "EL" OPTION)
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
10" NEW CONSTRUCTION ROUND FRAME KIT	FRAME10R	93124880	RECOMMENDED FOR NEW CONSTRUCTION APPLICATIONS
12" NEW CONSTRUCTION ROUND FRAME KIT	FRAME12R	93124881	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
347V KIT	LRX347V277	93036250	347V TRANSFORMER QUICK CONNECT KIT
DAINTREE CONTROLS ACCESSORY KIT	LCABAVTQUNGALV	93057194	SEE LCA KIT LITERATURE & INSTALL GUIDE, DOES NOT INCLUDE SENSOR
SENSOR ACCESSORY KIT - DAINTREE ENTERPRISE	LSAATZFM6	93098473	SEE LSA KITS LITERATURE & INSTALL GUIDE
SENSOR ACCESSORY KIT - DAINTREE ONE & EZ CONNECT	LSAAT/T1FM6	93098472	SEE LSA KITS LITERATURE & INSTALL GUIDE
HANGER BAR, C-CHANNEL, 25-¼" (BOXED PAIR)	BH3	93110306	RECOMMENDED FOR NEW CONSTRUCTION APPLICATIONS

ACCESSORIES: LUMINATION® LRX SERIES COLORED ROUND TRIM OPTIONS

	ROUND					SQUARE			
	SILVER	BLACK	SPECULAR WITH WHITE TRIM	SEMI-DIFFUSE WITH WHITE TRIM	SEMI-DIFFUSE WITH MATCHING TRIM	SILVER	BLACK	SPECULAR WITH WHITE TRIM	SEMI-DIFFUSE WITH WHITE TRIM
4"	93151744 LRXTRIMR4SV	93151745 LRXTRIMR4BL	93151746 LRXTRIMR4SP	93151747 LRXTRIMR4SD		93151748 LRXTRIMS4SV	93151749 LRXTRIMS4BL	93151750 LRXTRIMS4SP	93151751 LRXTRIMS4SD
6"	93059502 LRXTRIMR6SV	93059501 LRXTRIMR6BL	93151752 LRXTRIMR6SP	93151753 LRXTRIMR6SD	93152569 LRXTRIMR6SA	93151754 LRXTRIMS6SV	93151755 LRXTRIMS6BL	93151756 LRXTRIMS6SP	93151757 LRXTRIMS6SD
8"	93059504 LRXTRIMR8SV	93059503 LRXTRIMR8BL							

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CUSTOMER NAME _____

Project Name _____

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Catalog Number _____

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
10 in	A	12 in (305 mm)
	B	5.8 in (148.2 mm)
	C	24.0 in (609.6 mm)
	D	6 in (152.4 mm)
	E	Ceiling Cutout Min: 9.7 in
12 in	A	14 in (355 mm)
	B	6.23 in (158.2 mm)
	C	24 in (609.6 mm)
	D	6 in (152.4 mm)
	E	Ceiling Cutout Min: 11.7 in

SQUARE SHAPE DIMENSIONS

4 in	A	5.75 in (146 mm)
	B	3.74 in (95 mm)
	C	24 in (609.6 mm)
	D	6 in (152.4 mm)
	E	Ceiling Cutout Min: 4 in for ceiling thickness ≤ 10 mm; 4.2 in for ceiling thickness > 10 mm
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: 5.6 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 7.6 in

IND288-Lumination-LRX-Series-LEDDownlight-Specsheet

CUSTOMER NAME _____

Project Name _____

Date _____ Type _____

Catalog Number _____

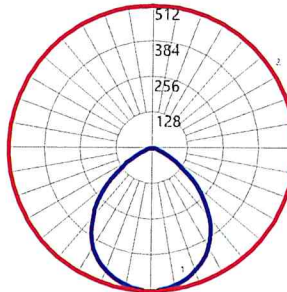## PHOTOMETRIC DATA:

4" Round LRX
1059 LM
LRXR410830MD
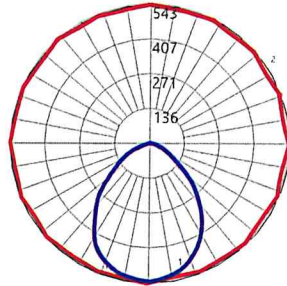
ZONE	LUMENS
0–10	50.98
10–20	143.53
20–30	208.85
30–40	226.68
40–50	194.68
50–60	131.45
60–70	66.78
70–80	29.04
80–90	6.9

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
LRXR610830MD

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
LRXR818830MD
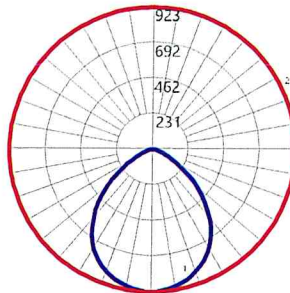
ZONE	LUMENS
0–10	87.00
10–20	245.00
20–30	357.94
30–40	405.72
40–50	355.72
50–60	213.19
60–70	84.35
70–80	37.58
80–90	10.61

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

10" Round LRX
5893 LM
LRXR1030830MD
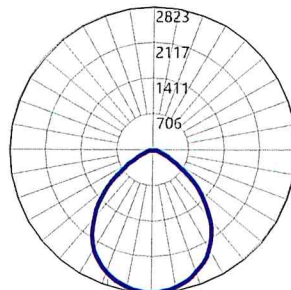
ZONE	LUMENS
0–10	265.56
10–20	751.07
20–30	1109.15
30–40	1284.03
40–50	1192.46
50–60	797.55
60–70	323.82
70–80	129.46
80–90	639.60

ZONE	LUMENS	% OF FIXTURE
0–20	538.49	17.2
0–30	2125.78	36.0
0–40	3409.81	57.8
0–60	5399.82	91.5
0–80	5853.11	99.2
0–90	5892.71	99.9
10–90	5627.15	95.4
20–40	2393.19	40.6
20–50	3585.65	60.8
40–70	2313.83	39.2
60–80	453.28	7.7
70–80	129.46	2.2
80–90	39.60	0.7

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PHOTOMETRIC DATA:

12" Round LRX
6070 LM
LRXR1260830MD
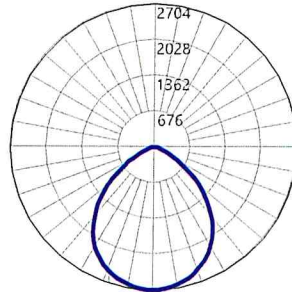
ZONE	LUMENS
0–10	254.76
10–20	726.52
20–30	1087.30
30–40	1279.70
40–50	1270.85
50–60	939.08
60–70	372.27
70–80	106.14
80–90	33.16

ZONE	LUMENS	% OF FIXTURE
0–20	981.28	16.1
0–30	2068.58	34.0
0–40	3348.28	55.1
0–60	5558.22	91.5
0–80	6036.63	99.3
0–90	6069.79	99.9
10–90	5815.03	95.7
20–40	2367.00	39.0
20–50	3637.86	59.9
40–70	2582.21	42.5
60–80	478.41	7.9
70–80	106.14	1.7
80–90	33.16	0.5

4"Square LRX
1045 LM
LRXS410830MD
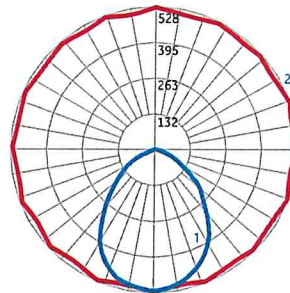
ZONE	LUMENS
0–10	48.79
10–20	136.05
20–30	195.03
30–40	214.18
40–50	192.29
50–60	143.00
60–70	81.10
70–80	27.89
80–90	6.20

ZONE	LUMENS	% OF FIXTURE
0–20	184.85	17.7
0–30	379.88	36.3
0–40	594.06	56.7
0–60	929.35	88.8
0–80	1038.34	99.2
0–90	1044.54	99.8

6" Square LRX
1050 LM
LRXS610830MD
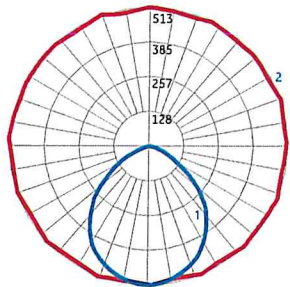
ZONE	LUMENS
0–10	48.40
10–20	137.38
20–30	203.26
30–40	229.80
40–50	202.64
50–60	136.51
60–70	63.03
70–80	22.61
80–90	6.12

ZONE	LUMENS	% OF FIXTURE
0–20	185.78	17.7
0–30	389.04	37.1
0–40	618.84	58.9
0–60	957.99	91.2
0–80	1043.63	99.4
0–90	1049.74	100.0

8" Square LRX
1199 LM
LRXS810830MD
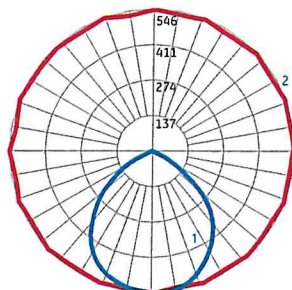
ZONE	LUMENS
0–10	51.81
10–20	147.65
20–30	220.84
30–40	258.58
40–50	243.12
50–60	169.22
60–70	75.23
70–80	25.23
80–90	7.77

ZONE	LUMENS	% OF FIXTURE
0–20	199.46	16.6
0–30	420.3	35.0
0–40	678.88	56.6
0–60	1091.68	90.9
0–80	1191.68	99.3
0–90	1199.45	100.0

DAINTREE CONTROLS

Daintree® Wireless Controls:

There is no one size fits all for wireless controls. Some networks want simple solutions that reduce energy consumption and meet code compliance while others are more ambitious, looking to capitalize on the LED and controls savings to fund a scalable, enterprise-grade, internet of things solution. The advantage of the Daintree® Wireless platform is it's ability to integrate into indoor, outdoor and high bay environments. The Daintree® Wireless Controls provide the infrastructure to future proof your buildings, easily upgrade to Networked solutions and provide the ability to integrate into IoT solutions that are right for your business.

- **Daintree® One:** Standalone Wireless Controls
- **Daintree® EZ Connect:** Room-Based Wireless Lighting Controls
- **Daintree® Networked:** Networked Lighting Controls for Smart Building & IoT Enablement.

Daintree® Wireless Controls are already integrated in your favorite Current LED fixtures. Integrating the controls into the fixture cuts labor costs considerably since the sensors are already embedded in the lighting fixtures. There's no need to get above the ceiling plenum and install additional devices. Visit our website https://products.gecurrent.com for a complete list of LED Fixtures.

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