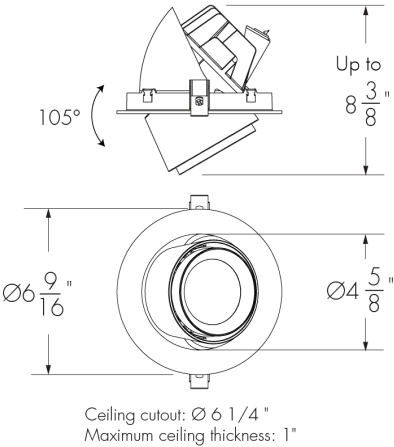


Project Name

Qty

Type

Catalog / Part Number



Side view

Bottom view

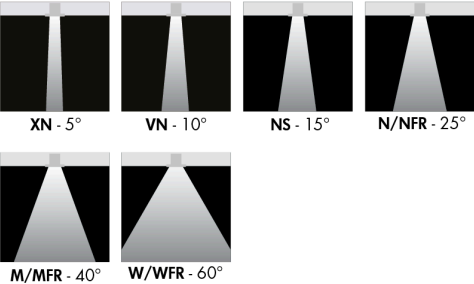
Photometric Summary

Based on Narrow Optic (nominal 25°), 4000K, CRI 90+

Nominal output [lm]	Delivered output [lm] ^[1]	Insulated ceiling		Non-insulated ceiling	
		Power (120V) [W]	Efficacy [lm/W]	Power (120V) [W] ^[2]	Efficacy [lm/W]
700	623	6.5	96	8.5	73
1000	822	8	103	10	82
1300	1,121	11	102	13	86
2000	1,744			20	87

[1] Consult website for latest IES files.
[2] Add 3 watts per fixture when specifying lumentalk™.

Optics



Color and Color Temperatures



Description

The Lumencore Recessed Nio Decorative is a LED downlight projector that can be tilted up to 105°. Accessories can be changed in the field. Multiple color options/finishes for both the fixture and the inner bezel allow the fixture to blend in or add a highlight of color to any application. Optical options include Extra Narrow Spot (XN 5°) and Very Narrow Spot (VN 10°).

Features

Output (Nominal Lumens)	700 lm, 1000 lm, 1300 lm, 2000 lm, 3000 lm, 4000 lm, 5000 lm
Color and Color Temperature	2200K 2700K 3000K 3500K 4000K Dim to Warm Dim to Warm Plus Dynamic White Dynamic Warm White Dynamic Warm White Plus
Optics (Nominal Distribution)	Extra Narrow Spot 5°, Very Narrow Spot 10°, Narrow Spot 15°, Narrow/Narrow Faceted Reflector 25°, Medium/Medium Faceted Reflector 40°, Wide/Wide Faceted Reflector 60°
Certifications	UL compliant (this luminaire is listed & labeled for such use in accordance with UL2043 & CAN/ULC-S142)
Warranty	5-year limited warranty
Installation Type	Remodel Non-Insulated Ceiling (Plenum Rated in Accordance to UL 2043 & CAN/ULC-S142), New Construction Non-Insulated Ceiling (Plenum Rated in Accordance to UL 2043 & CAN/ULC-S142), New Construction Insulated Ceiling (Enclosed Box), New Construction Insulated Ceiling - Chicago Plenum Rated Option (Airtight, Enclosed Box)

Controls

ON/OFF 0-10V PRO 0-10V DALI PRO DALI
DALI8 DMXRdm LUTRON lumen talk PH PPH

Trim and Decorative Bezel Finishes



MWH-Matte white



MBK-Matte black



MBR-Matte brown



MOR-Matte orange



MGR-Matte green



MBL-Matte blue



MSI-Matte silver



GWH-Glossy white



GBK-Glossy black



GYL-Glossy yellow



GLR-Glossy red



GVI-Glossy violet



GGR-Glossy green



GIY-Glossy ivory



CGY-Concrete grey



MLG-Metalized grey



IBR-Italian brick red




PWH-Parget white



CC-Custom color and finish
(Please specify RAL color)

Adjustability



+/- 105° tilt,
Lockable tilt and rotation

Certifications







Option	Emergency Battery Backup with Hanger Bar (Bodine BSL17C-C2), Emergency Battery Backup with Hanger Bar (Iota ILB-CP07-A TBTS)
--------	--

Performance

Maximum Delivered Output	Up to 4,892 lm (medium faceted reflector optic 40°, 4000K, CRI 90)
Maximum Delivered Intensity	Up to 63,952 cd (extra narrow spot optic 5°, 4000K, CRI 80)
Efficacy	Up to 105 lm/W (medium faceted reflector optic 40°, 4000K, CRI 80)
Color Consistency	2 SDCM, 3 SDCM (XN optic only)
Color Rendering	CRI 80+ CRI 90+ CRI 95+
Lumen Maintenance	L95 55,000 hrs L70 225,000 hrs
UGR	< 19

Physical

Housing Material	Aluminum
TIR Optics Material	Clear polycarbonate
Adjustability	+/- 105° tilt, Lockable tilt and rotation

Electrical and Control

Voltage	120 Volts, 277 Volts
Control	On/Off Control, Standard 0-10V Dimming 1% (Linear or Logarithmic Curve), Professional 0-10V Dimming 0.1% (Linear or Logarithmic Curve), Standard DALI Dimming 1% (Linear or Logarithmic Curve), Professional DALI Dimming 0.1% (Linear or Logarithmic Curve), DALI-2 T8 Enabled Dimming 1%, DMX/RDM Enabled Dimming 1%, Lutron® Hi-lume 1% EcoSystem® LDE1/PEQ1 Soft-on/Fade-to-Black, Lumentalk Enabled Dimming, Phase Dimming, Phase Dimming 1%

Environmental

Environment	Damp location rating (interior applications only)
Operating Temperature	-4 °F to 104 °F
Ingress Protection Rating	IP20

Accessories (Order Separately)

Control Systems	Pharos® Expert Control Kit (EXPERT), Pharos® Lighting Control Kit (PHAROS)
Diagnostic and Addressing Tools	LumenID (LID)

Important

Virtual Patent Marking Notice

This website (<https://www.lmpg.com/patents-trademarks>) is provided to satisfy the virtual patent marking provisions of applicable jurisdictions. Some products listed may be covered by additional patents not referenced here.

Photometric Information - Color Rendering Options Comparison, 3000K

Color sample	Ra	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
CRI 80+	84	82	90	97	83	82	88	86	63	15	77	83	68	84	98	75
CRI 90+	94	95	98	99	95	94	97	91	80	55	93	97	83	96	99	89
CRI 95+	97	96	97	99	96	96	95	96	97	97	96	95	86	96	98	97
Radiant CRI 80+	84	83	91	96	81	82	89	83	62	15	79	80	69	85	98	76
Radiant CRI 95+	95	95	94	95	98	94	90	94	96	96	89	95	80	94	98	96

Optics

TIR Optic
XN/VN/NS/N



Semi-Specular reflector
M/W

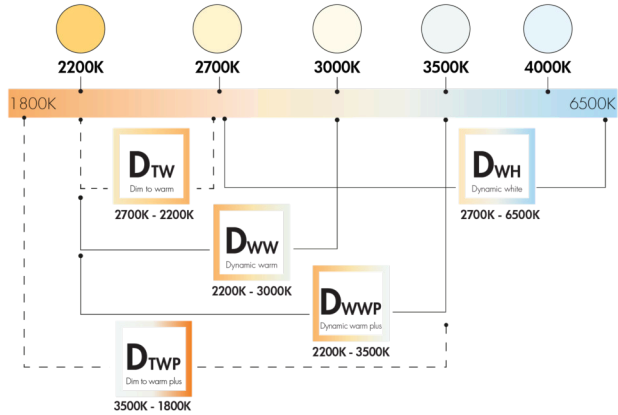


Faceted reflector
NFR/MFR/WFR

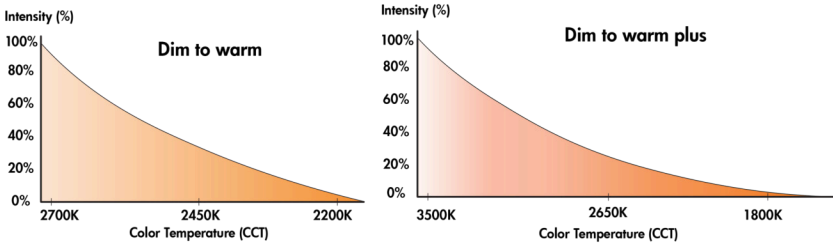


Color and Color Temperature

Color Temperature Ranges



- 1 channel (DTW, DTWP) Compatible with: DA1 SDALI DMXrdm lumen talk
 - 2 channels (DWH, DWW, DWWP) Compatible with: DALI8 DMXrdm lumen talk
 - 3 channels* (DWH, DWW, DWWP) Compatible with: DALI8 DMXrdm lumen talk
- * Can be field changeable via RDM & LT for individual CCT control.



Control

Refer to website product configurator for exceptions

On/off control

NO - On/off control

Standard 0-10V dimming down to 1%

DAMC - Standard 0-10V dimming to 1% linear curve

DA1 - Standard 0-10V dimming, 1% linear

DA2 - Standard 0-10V dimming, 1% logarithmic

Professional 0-10V dimming down to 0.1%

PDA1 - Pro 0-10V dimming, 0.1% linear

PDA2 - Pro 0-10V dimming, 0.1% logarithmic

Standard DALI dimming down to 1%

SDALI1 - Standard DALI dimming, 1% linear

SDALI2 - Standard DALI dimming, 1% logarithmic

Professional DALI dimming down to 0.1%

DALI1 - Pro DALI dimming, 0.1% linear

DALI2 - Pro DALI dimming, 0.1% logarithmic

Lutron® EcoSystem®

ES - Lutron® Hi-lume 1% EcoSystem® LDE1/PEQ1 Soft-on/Fade-to-Black, 1% minimum dimming value

DALI dimming Type 8

DALI8 - DALI dimming Type 8 (multi channel capability)

DMXrdm

DMX/RDM - DMX/RDM enabled

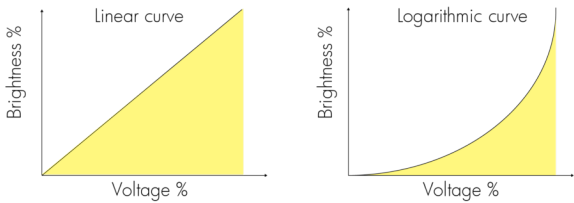
lumen talk dimming

LT - Lumentalk dimming, 1% minimum dimming value

Phase dimming

PH - Phase dimming

PPH - Phase 1% dimming



Photometric Information (RM And NC Installation Types)

XN - Extra Narrow Spot (Nominal 5°), 4000K

Nominal output [lm]	Power (120V) [W]†		Power (277V) [W]†		Delivered output [lm]††	
	CR80	CR90	CR80	CR90	CR80	CR90
700	12.5	12.5	13.5	13.5	684	616

Candlepower distribution

Illuminance cone
Beam angle: 4.3°

Center Beam Illuminance
Beam Diameter
Height

284fc
1' 15'

160fc
2' 20'

71fc
2' 30'

VN - Very Narrow Spot (Nominal 10°), 4000K

Nominal output [lm]	Power (120V) [W]†		Power (277V) [W]†		Delivered output [lm]††	
	CR80	CR90	CR80	CR90	CR80	CR90
700	12.5	12.5	13.5	13.5	687	618
1000	17	17	18	18	1,013	912

Candlepower distribution

Illuminance cone
Beam angle: 8.0°

Center Beam Illuminance
Beam Diameter
Height

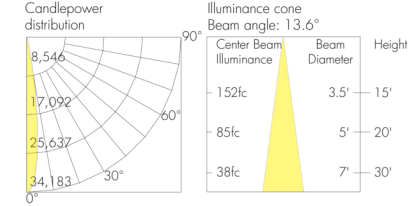
129fc
2' 15'

72fc
3' 20'

32fc
4' 30'

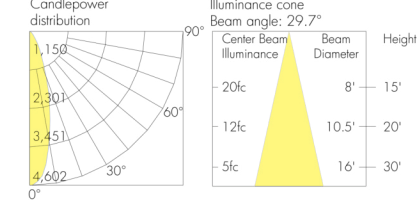
NS - Narrow Spot (Nominal 15°), 4000K

Nominal output [lm]	Power (120V) [W]†			Power (277V) [W]†			Delivered output [lm]††		
	CR80	CR90	CR95	CR80	CR90	CR95	CR80	CR90	CR95
700	9.5	9.5	10.5	11	11	12.5	837	837	753
1000	13	13	15	15	15	17	1,105	1,105	995
1300	15	15	20	17	17	21	1,507	1,507	1,356
2000	23	23	N/A	24	24	N/A	2,344	2,344	N/A



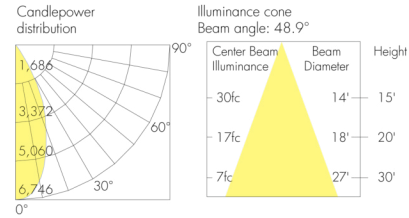
N - Narrow (Nominal 25°), 4000K

Nominal output [lm]	Power (120V) [W]†			Power (277V) [W]†			Delivered output [lm]††		
	CR80	CR90	CR95	CR80	CR90	CR95	CR80	CR90	CR95
700	8.5	8.5	9	10	10	11	623	623	560
1000	10	10	13	12	12	15	822	822	740
1300	13	13	15	15	15	17	1,121	1,121	1,009
2000	20	20	23	21	21	24	1,744	1,744	1,569



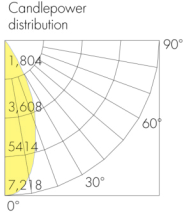
M - Medium (Nominal 40°), 4000K

Nominal output [lm]	Power (120V) [W]†			Power (277V) [W]†			Delivered output [lm]††		
	CR80	CR90	CR95	CR80	CR90	CR95	CR80	CR90	CR95
700	8.5	8.5	9	10	10	11	705	705	634
1000	10	10	13	12	12	15	930	930	837
1300	13	13	15	15	15	17	1,268	1,268	1,141
2000	20	20	23	21	21	24	1,973	1,973	1,775
3000	30	25	43	31	26	42	2,959	2,959	2,663
4000	43	33	N/A	42	34	N/A	3,875	3,875	N/A
5000	N/A	41	N/A	50	41	N/A	N/A	4,573	N/A



MFR - Medium Faceted Reflector (Nominal 40°), 4000K

Nominal output [lm]	Power (120V) [W]†			Power (277V) [W]†			Delivered output [lm]††		
	CR80	CR90	CR95	CR80	CR90	CR95	CR80	CR90	CR95
700	8.5	8.5	9	10	10	11	754	754	678
1000	10	10	13	12	12	15	995	995	896
1300	13	13	15	15	15	17	1,357	1,357	1,221
2000	20	20	23	21	21	24	2,111	2,111	1,900
3000	30	25	43	31	26	42	3,166	3,166	2,850
4000	43	33	N/A	42	34	N/A	4,146	4,146	N/A
5000	N/A	41	N/A	N/A	41	N/A	N/A	4,892	N/A



1Remove 2 watts per fixture when specifying new construction insulated ceiling installation types (IC and CP).

2Add 3 watts per fixture when specifying Lumentalk™.

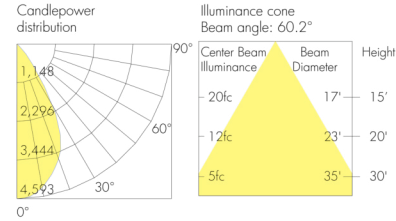
†Delivered wattage: +/- 10% tolerance.

††Consult website for latest IES files. Delivered output: +/- 10% tolerance.

Photometric performance is measured in compliance with IESNA LM-79-24.

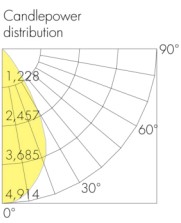
W - Wide (Nominal 60°), 4000K

Nominal output [lm]	Power (120V) [W]†			Power (277V) [W]†			Delivered output [lm]††		
	CR80	CR90	CR95	CR80	CR90	CR95			
700	8.5	8.5	9	10	10	11	633	633	569
1000	10	10	13	12	12	15	835	835	752
1300	13	13	15	15	15	17	1,139	1,139	1,025
2000	20	20	23	21	21	24	1,771	1,771	1,594
3000	30	25	43	31	26	42	2,657	2,657	2,391
4000	43	33	N/A	42	34	N/A	3,479	3,479	N/A
5000	N/A	41	N/A	N/A	41	N/A	4,105	4,105	N/A



WFR - Wide Faceted Reflector (Nominal 60°), 4000K

Nominal output [lm]	Power (120V) [W]†			Power (277V) [W]†			Delivered output [lm]††		
	CR80	CR90	CR95	CR80	CR90	CR95			
700	8.5	8.5	9	10	10	11	677	677	609
1000	10	10	13	12	12	15	893	893	804
1300	13	13	15	15	15	17	1,218	1,218	1,097
2000	20	20	23	21	21	24	1,895	1,895	1,706
3000	30	25	43	31	26	42	2,843	2,843	2,559
4000	43	33	N/A	42	34	N/A	3,723	3,723	N/A
5000	N/A	41	N/A	N/A	41	N/A	N/A	4,393	N/A



1 Remove 2 watts per fixture when specifying new construction insulated ceiling installation types (IC and CP).

2 Add 3 watts per fixture when specifying Lumentalk™.

† Delivered wattage: +/- 10% tolerance.

†† Consult website for latest IES files. Delivered output: +/- 10% tolerance.

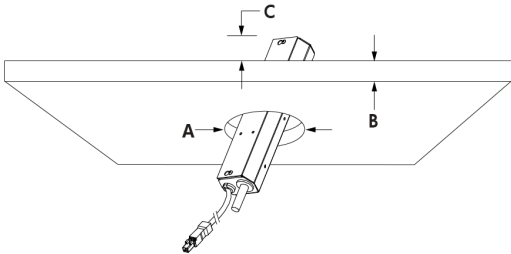
Photometric performance is measured in compliance with IESNA LM-79-24.

Ceiling Requirements

Minimum Ceiling Height

Installation type	700lm	1000lm	1300lm	2000lm	3000lm	4000lm	5000lm
RM	7"						
NC							
IC/CP	8"			N/A			

Ceiling Cutout

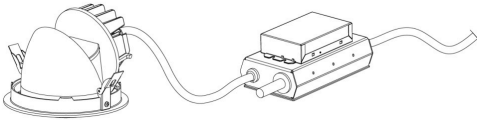
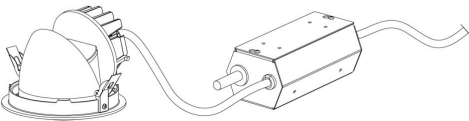


- A - Round trim ceiling cutout: Ø 6 1/4 in
- B - Maximum ceiling thickness: 1 in
- C - Clearance for driver box

Installation Types

RM: Remodel Non-Insulated Ceiling (Plenum Rated In Accordance To UL 2043 & CAN/ULC-S142) (NO and LT Controls)

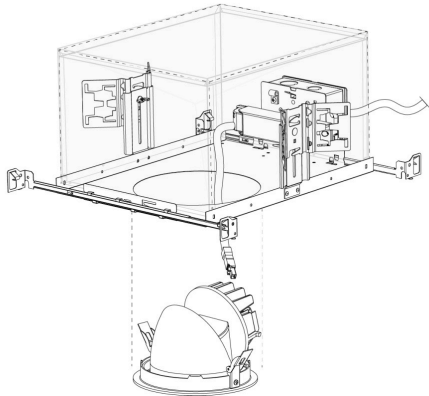
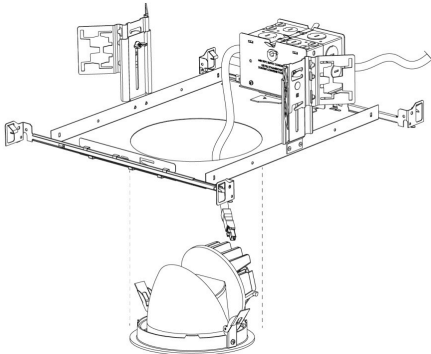
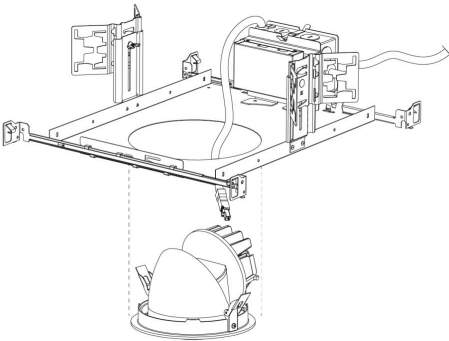
RM: Remodel Non-Insulated Ceiling (Plenum Rated In Accordance To UL 2043 & CAN/ULC-S142) (Dimming)



NC: New Construction Non-Insulated Ceiling (Plenum Rated In Accordance To UL 2043 & CAN/ULC-S142) (NO Control)

NC: New Construction Non-Insulated Ceiling (Plenum Rated In Accordance To UL 2043 & CAN/ULC-S142) (Dimming)

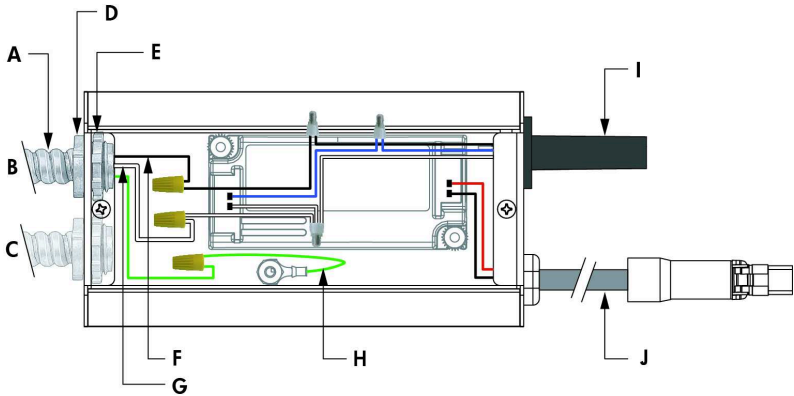
IC/CP: New Construction Insulated Ceiling (Enclosed Box)



Fixture shown for reference only. Refer to Ceiling Requirements section and installation instructions for dimensions and ceiling cutout requirements.

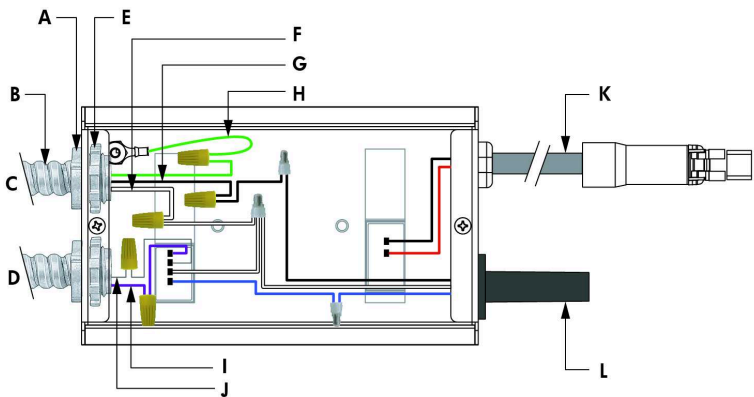
Wiring Details RM: Remodel Non-Insulated Ceiling (Plenum Rated in Accordance to UL 2043 & CAN/ULC-S142)

On/Off Control



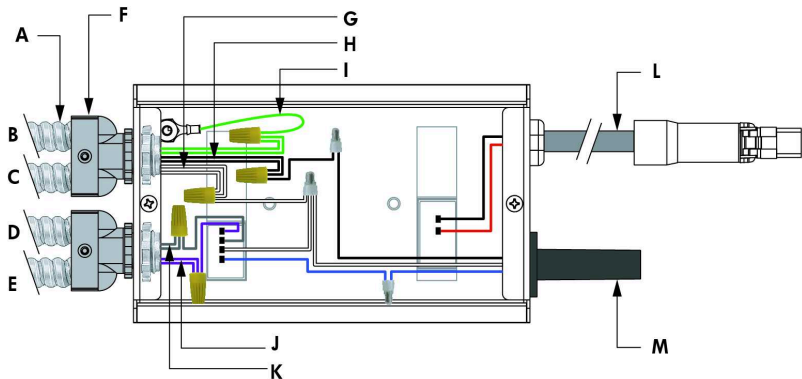
- A - Conduit (by others)
- B - Power Input
- C - Optional Output
- D - Conduit fitting (by others)
- E - Locknut (by others)
- F - Line (black)
- G - Neutral (white)
- H - Ground (green)
- I - Thermal protector
- J - Output to luminaire

Control (DAMC, DA1, DA2, PDA1, PDA2, DALI1, DALI2)



- A - Conduit fitting (by others)
- B - Conduit (by others)
- C - Power Input
- D - Data Input from Control System
- E - Locknut (by others)
- F - Neutral (white)
- G - Line (black)
- H - Ground (green)
- I - Data + (purple)
- J - Data - (gray)
- K - Output to luminaire
- L - Thermal protector

Control (Daisy Chain Layout) (DAMC, DA1, DA2, PDA1, PDA2, DALI1, DALI2)

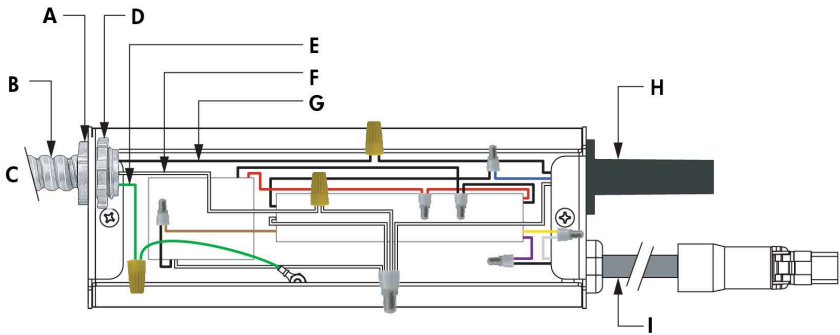


- A - Conduit (by others)
- B - Power Output to next luminaire
- C - Power Input
- D - Data Output to next luminaire
- E - Data Input from Control System
- F - Duplex connector (by others)
- G - Neutral (white)
- H - Line (black)
- I - Ground (green)
- J - Data - (gray)
- K - Data + (purple)
- L - Output to luminaire
- M - Thermal protector

Refer to installation instructions for additional wiring details.

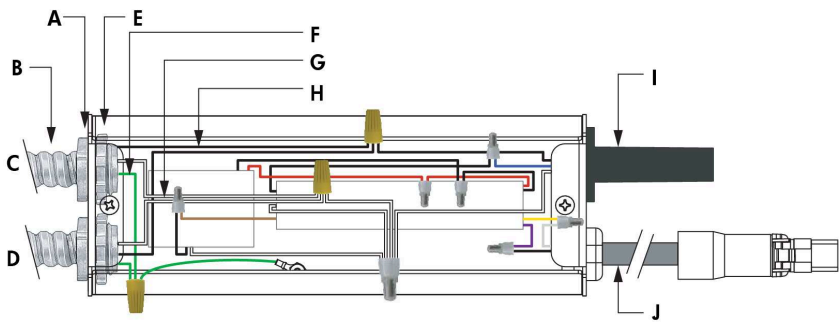
Wiring Details RM: Remodel Non-Insulated Ceiling (Plenum Rated In Accordance To UL 2043 & CAN/ULC-S142) (LT Control)

Control (LT)



- A - Conduit fitting (by others)
- B - Conduit (by others)
- C - Power Input
- D - Locknut (by others)
- E - Ground (green)
- F - Neutral (white)
- G - Line (black)
- H - Thermal protector
- I - Output to luminaire

Control (Daisy Chain Layout) (LT)

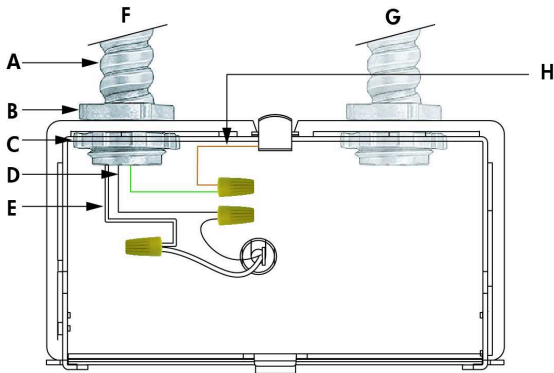


- A - Conduit fitting (by others)
- B - Conduit (by others)
- C - Power Input
- D - Power Output to next luminaire
- E - Locknut (by others)
- F - Ground (green)
- G - Neutral (white)
- H - Line (black)
- I - Thermal protector
- J - Output to luminaire

Refer to installation instructions for additional wiring details.

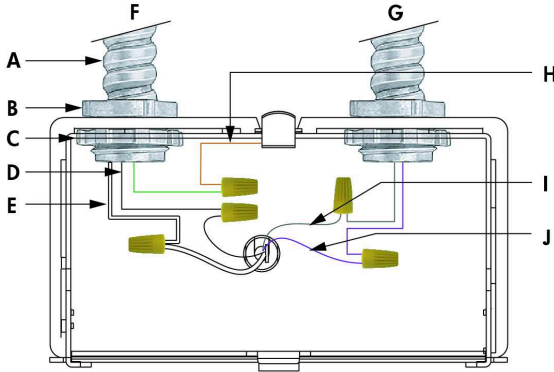
Wiring Details IC/CP: New Construction Insulated Ceiling (Enclosed Box)

On/Off Control



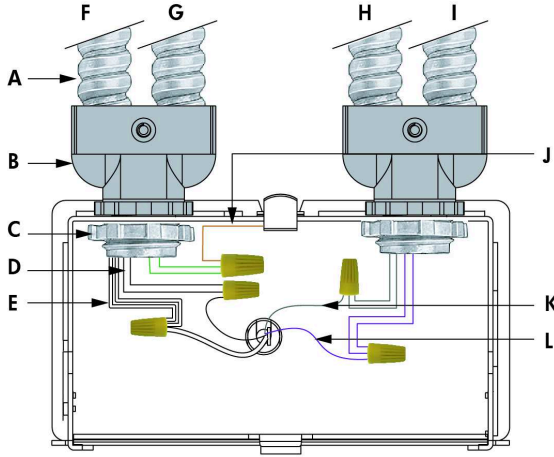
- A - Conduit (by others)
- B - Conduit fitting (by others)
- C - Locknut (by others)
- D - Line (black)
- E - Neutral (white)
- F - Power Input
- G - Optional Output
- H - Ground (copper)

Control (DA1, DA2, PDA1, PDA2, DALI1, DALI2)



- A - Conduit (by others)
- B - Conduit fitting (by others)
- C - Locknut (by others)
- D - Line (black)
- E - Neutral (white)
- F - Power Input
- G - Data Input from Control System
- H - Ground (copper)
- I - Data - (gray)
- J - Data + (purple)

Control (Daisy Chain Layout) (DA1, DA2, PDA1, PDA2, DALI1, DALI2)

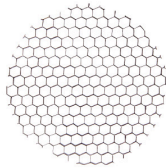


- A - Conduit (by others)
- B - Duplex connector (by others)
- C - Locknut (by others)
- D - Line (black)
- E - Neutral (white)
- F - Power Input
- G - Power Output to next luminaire
- H - Data Input from Control System
- I - Data Output to next luminaire
- J - Ground (copper)
- K - Data - (gray)
- L - Data + (purple)

Refer to installation instructions for additional wiring details.

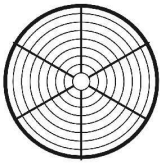
Optical Accessories

HL - Honeycomb Louver



LADDNIO - HL

XLVR - Concentric Ring Louver



LADDNIO - XLVR

CL - Clear Glass Lens



LADDNIO - CL

SL - Softening Glass Lens



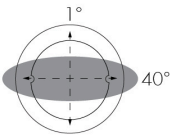
LADDNIO - SL

PD - Prismatic Diffuser

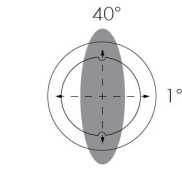


LADDNIO - PD

LSN - Linear Spread Lens Narrow (1° x 40°)



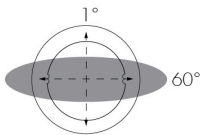
Horizontal Beam Distribution



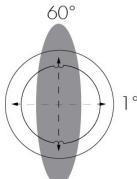
Vertical Beam Distribution

LADDNIO - LSN

LSW - Linear Spread Lens Wide (1° x 60°)



Horizontal Beam Distribution



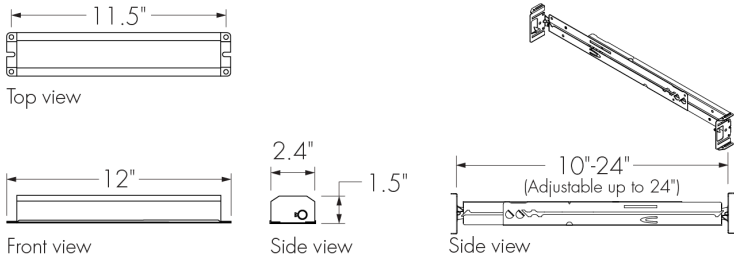
Vertical Beam Distribution

LADDNIO - LSW

Maximum one accessory installed at a time.

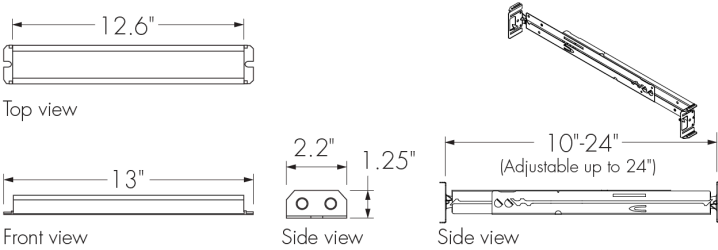
Options

EBB - Emergency Battery Backup With Hanger Bar (Bodine BSL17C-C2)



Hardware to mount the battery backup to the hanger bar is included. A test button is included. The unit comes pre-wired with 2 ft flexible conduit in and out. Refer to installation instructions for details.

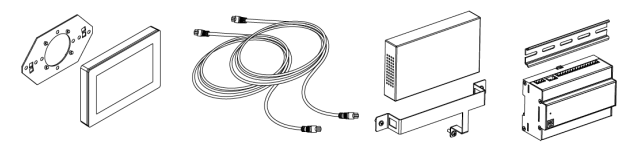
EBI - Emergency Battery Backup With Hanger Bar (Iota ILB-CP07-A TBTS)



Hardware to mount the battery backup to the hanger bar is included. A test button is included. The unit comes pre-wired with 2 ft flexible conduit in and out. Refer to installation instructions for details.

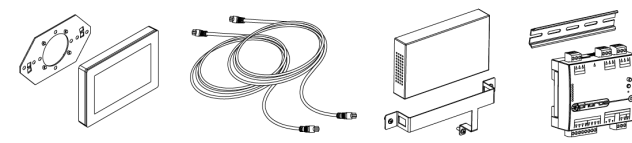
Control Systems (Order Separately)

PHAROS - Pharos® Designer Lighting Control Kit



The Pharos Designer Lighting Control Kit, available for 1 or 2 DMX universes, allows for complete control of large lighting installations.

EXPERT - Pharos® Expert Control Kit



The Pharos Expert Control Kit, available for 1, 2, 4 or 6 DMX universes, allows for complete control of large lighting installations.

Diagnostic And Addressing Tools (Order Separately)

LID - LumenID



The updated LumenID (LID) is now your all-in-one diagnostic and addressing solution for both DMX/RDM and Lumentalk (LT) systems. Engineered for versatility, it streamlines commissioning and troubleshooting across protocols—no need for multiple tools. Consult the LID specification sheet for full details.

How to Order

Housing ⁽¹⁾	Certification	Voltage	Output (Nominal Lumens)	Color and Color Temperature	Optics (Nominal Distribution)	Color Rendering	Trim Finish	Bezel	Decorative Bezel Finish
LADDNIO Lumencore Recessed Nio Decorative	A UL/cUL	120 120 Volts 277 277 Volts	L07 700 lm	22K 2200K ⁽⁷⁾ ⁽⁸⁾	XN Extra Narrow Spot 5° ⁽¹²⁾	CR80 CRI 80+ ⁽⁸⁾	MWH Matte White	b Bezel	MWH Matte White
			L10 1000 lm ⁽²⁾	27K 2700K	VN Very Narrow Spot 10°	CR90 CRI 90+	MBK Matte Black		MBK Matte Black
			L13 1300 lm ⁽²⁾	30K 3000K	NS Narrow Spot 15° ⁽¹³⁾	CR95 CRI 95+ ⁽¹⁴⁾	MBR Matte Brown		MBR Matte Brown
			L20 2000 lm ⁽³⁾	35K 3500K	N Narrow 25° ⁽¹³⁾	RCR80 Radiant CRI 80+ ⁽⁸⁾ ⁽¹⁵⁾	MOR Matte Orange		MOR Matte Orange
			L30 3000 lm ⁽⁴⁾	40K 4000K	NFR Narrow Faceted Reflector 25°	RCR95 Radiant CRI 95+ ⁽⁸⁾ ⁽¹⁴⁾ ⁽¹⁵⁾	MGR Matte Green		MGR Matte Green
			L40 4000 lm ⁽⁴⁾ ⁽⁵⁾	DTW Dim to Warm (2700K to 2200K) ⁽⁹⁾ ⁽¹⁰⁾	M Medium 40°		MBL Matte Blue		MBL Matte Blue
			L50 5000 lm ⁽⁴⁾ ⁽⁵⁾ ⁽⁶⁾	DTWP Dim to Warm Plus (3500K to 1800K) ⁽⁹⁾ ⁽¹⁰⁾	MFR Medium Faceted Reflector 40°		MSI Matte Silver		MSI Matte Silver
				DWH Dynamic White (2700K to 6500K) ⁽⁹⁾ ⁽¹¹⁾	W Wide 60°		GWH Glossy White		GWH Glossy White
				DWW Dynamic Warm White (2200K to 3000K) ⁽⁹⁾ ⁽¹¹⁾	WFR Wide Faceted Reflector 60°		GBK Glossy Black		GBK Glossy Black
				DWWP Dynamic Warm White Plus (2200K to 3500K) ⁽⁹⁾ ⁽¹¹⁾			GYL Glossy Yellow		GYL Glossy Yellow
							GLR Glossy Red		GLR Glossy Red
							GVI Glossy Violet		GVI Glossy Violet
							GGR Glossy Green		GGR Glossy Green
							GIY Glossy Ivory		GIY Glossy Ivory
							CGY Concrete Grey		CGY Concrete Grey
							MLG Metalized Grey		MLG Metalized Grey
							IBR Italian Brick Red		IBR Italian Brick Red
							PWH Parget White		PWH Parget White
							CC Custom Color & Finish ⁽¹⁶⁾		CC Custom Color & Finish ⁽¹⁶⁾

Notes:

1. Refer to website product configurator for all exceptions.

2. Available for VN, NS, N, NFR, M, MFR, W and WFR optics only.

3. Available for NS, N, NFR, M, MFR, W and WFR optics only.

4. Available for NFR, M, MFR, W and WFR optics only.

5. Available for RM and NC Installation Types only.

6. Available for CR90 only.

7. Available for CR80 only.

8. Not available for XN and VN optics.

9. NFR, MFR and WFR faceted reflector optics are recommended for optimal performance.
10. Available for 1000, 1300 and 2000 lumens when combined with NFR, M, MFR, W and WFR optics only.

11. Available for 1300 lumens when combined with CR80 and NFR, M, MFR, W or WFR optics only.

12. Available for 700 lumens when combined with CR80 or CR90 color rendering options only.

13. Available up to 2000 lumens.

14. CR95 and RCR95 available up to 1300 lumens for NS optic, up to 2000 lumens for N optic up to 3000 lumens for NFR, M, MFR, W and WFR optics only.

15. Radiant CRI options available for 3000K only.

16. Longer lead times can be expected for custom RAL color finishes.

How to Order

Control ⁽¹⁷⁾	Installation Type	Option	Accessories ⁽⁵¹⁾ ⁽⁵²⁾
NO On/Off Control ⁽¹⁸⁾ ⁽¹⁹⁾ DAMC Standard 0-10V Dimming 1% Linear Curve ⁽¹⁹⁾ ⁽²⁰⁾ ⁽²¹⁾ ⁽²²⁾ ⁽²³⁾ DA1 Standard 0-10V Dimming 1% Linear Curve ⁽²⁴⁾ ⁽²⁵⁾ DA2 Standard 1-10V Dimming 1% Logarithmic Curve ⁽²⁴⁾ ⁽²⁵⁾ PDA1 Professional 0-10V Dimming 0.1% Linear Curve ⁽¹⁹⁾ ⁽²⁴⁾ PDA2 Professional 0-10V Dimming 0.1% Logarithmic Curve ⁽¹⁹⁾ ⁽²⁴⁾ SDALI1 Standard DALI Dimming 1% Linear Curve ⁽²⁶⁾ SDALI2 Standard DALI Dimming 1% Logarithmic Curve ⁽²⁶⁾ DALI1 Professional DALI Dimming 0.1% Linear Curve ⁽¹⁹⁾ ⁽²⁷⁾ DALI2 Professional DALI Dimming 0.1% Logarithmic Curve ⁽¹⁹⁾ ⁽²⁷⁾ DALI28 DALI-2 T8 Enabled Dimming 1% ⁽²⁸⁾ ⁽²⁹⁾ DMX/RDM DMX/RDM Enabled Dimming 1% ⁽³⁰⁾ ⁽³¹⁾ ⁽³²⁾ ES Lutron® Hi-lume 1% EcoSystem® LDE1/PEQ1 Soft-on/Fade-to-Black ⁽⁸⁾ ⁽¹⁹⁾ ⁽³³⁾ ⁽³⁴⁾ ⁽³⁵⁾ LT Lumentalk Enabled Dimming ⁽³⁶⁾ ⁽³⁷⁾ ⁽³⁸⁾ PH Phase Dimming (Consult Factory) ⁽³⁹⁾ ⁽⁴⁰⁾ ⁽⁴¹⁾ ⁽⁴²⁾ PPH Phase Dimming 1% ⁽⁸⁾ ⁽¹⁹⁾ ⁽²²⁾ ⁽⁴⁰⁾ ⁽⁴³⁾	RM Remodel Non-Insulated Ceiling (Plenum Rated in Accordance to UL 2043 & CAN/ULC-S142) NC New Construction Non-Insulated Ceiling (Plenum Rated in Accordance to UL 2043 & CAN/ULC-S142) IC New Construction Insulated Ceiling (Enclosed Box) ⁽⁴⁴⁾ ⁽⁴⁵⁾ ⁽⁴⁶⁾ CP New Construction Insulated Ceiling - Chicago Plenum Rated Option (Airtight, Enclosed Box) ⁽⁴⁴⁾ ⁽⁴⁵⁾ ⁽⁴⁶⁾	EBB Emergency Battery Backup with Hanger Bar (Bodine BSL17C-C2) ⁽²³⁾ ⁽⁴⁶⁾ ⁽⁴⁷⁾ ⁽⁴⁸⁾ ⁽⁴⁹⁾ EBI Emergency Battery Backup with Hanger Bar (Iota ILB-CP07-A TBTS) ⁽²³⁾ ⁽⁴⁶⁾ ⁽⁴⁷⁾ ⁽⁴⁹⁾ ⁽⁵⁰⁾	NA No Accessory HL Honeycomb Louver ⁽⁵³⁾ XLVR Concentric Ring Louver ⁽⁵⁴⁾ SL Softening Glass Lens CL Clear Glass Lens PD Prismatic Diffuser LSN Linear Spread Lens Narrow (1° x 40°) ⁽⁵⁵⁾ LSW Linear Spread Lens Wide (1° x 60°) ⁽⁵⁵⁾

Notes:

- 8.** Not available for XN and VN optics.

17. Control options vary according to color temperature, color rendering, optics and installation type combination. Refer to website product configurator for details.

18. Manufacturer's choice driver. Order code may change to NO1.

19. Not available for DTW, DTWP, DWH, DWW or DWWP color options.

20. Manufacturer's choice driver. Order code may change to DAMC1 or DAMC2.

21. Not available for XN and VN optics.

22. Available up to 3000 lumens when combined with CR80 or CR90 color rendering option. Available up to 2000 lumens when combined with CR80, CR90 or CR95 color rendering options.

23. Available for RM and NC installation types only.

24. Driver cuts off power to the fixture when the control signal drops below 0.5V.

25. Not available for DWH, DWW or DWWP color options.

26. Available for DTW and DTWP color options only, when combined with 1000, 1300 or 2000 lumens.

27. Consult factory for other DALI control options for static color temperatures.

28. Available for DWH, DWW and DWWP color options only. DALI-2 Type 8 controller required.

29. Consult factory for DALI28 control option.

30. Configurable to 1, 2, or 3 channel control via RDM in the field.

31. Available for DTW, DTWP, DWH, DWW and DWWP color options only.

32. A Control Box (CBX-DS or CBX-ST) and lumenID (UID) must be specified.

33. One EcoSystem® address per fixture. 1% minimum dimming value. Lutron® EcoSystem® Enabled dimming available for RM and NC installation types only. Lutron® EcoSystem® Enabled dimming not available for 700 lumens or 1000 lumens.

34. Not available with CRI 90 when combined with 3000 lumens.

35. Not available with CRI 90 when combined with 4000 lumens.

36. 1% minimum dimming value. Lumentalk dimming available for RM installation type when combined with 2200K, 2700K, 3000K, 3500K or 4000K color options and any of the optic options. Lumentalk dimming available for NC installation type when combined with 2200K, 2700K, 3000K, 3500K or 4000K color options and XN or VN optic options. Lumentalk is available for RM and NC installation types when combined with DTW, DTWP, DWH, DWW or DWWP color options and NFR, M, MFR, W or WFR optic options. Lumentalk dimming available up to 1300 lumens (CR80, RCR80, CR90, CR95 or RCR95), 2000 lumens (CR80, RCR80 or CR90).
- 37.** Lumentalk is not available for emergency battery backup options.

38. A Lumentranslator 2 (LTL2) and LumenID (UID) must be specified for Lumentalk applications. Consult Lumentranslator 2 and Lumentalk pages and specification sheets for details.

39. Manufacturer's choice driver. Order code may change to PH1 or PH2.

40. Available for 120V only. Not available for IC and CP installation types.

41. Available for 2700K, 3000K, 3500K and 4000K color options when combined with XN or VN optics only.

42. Not available for emergency battery backup options.

43. Manufacturer's choice driver. Order code is subject to change.

44. Insulated ceiling available up to 1000 lumens (CR80, RCR80, CR90, CR95 or RCR95), 1300 lumens (CR80, RCR80 or CR90).

45. Insulated ceiling available for DTW or DTWP color options when combined with the DA1, DA2, SDALI1 or SDALI2 control options.

46. Not available for DWH, DWW or DWWP color options.

47. Emergency battery backup options require ceiling access for test button use. The battery will operate for 90 minutes minimum and maintain a minimum of 1 fc from a 7 ft 2 in height as per UL 924. For indoor use only in dry or damp locations.

48. Consult factory for use with LT or DMX/RDM control options combined with DTW or DTWP color options. Not available for XN and VN optics.

49. Emergency battery backup options are field installed and not presided by Lumenpulse. Refer to related installation instructions for details.

50. Consult factory for use with LT or DMX/RDM control options combined with DTW or DTWP color options or LT control combined with XN or VN optics.

51. Maximum one accessory per fixture.

52. Accessories specified in the fixture code are factory installed but can also be changed in the field. Refer to installation instructions for details. To order accessories separately, refer to the Optical Accessories section of the specification sheet.

53. HL accessory is available for 2200K, 2700K, 3000K, 3500K and 4000K color options only.

54. Available for XN, VN and NS optics only.

55. Available for XN, VN, NS, N and NFR optics when combined with 2200K, 2700K, 3000K, 3500K, 4000K color options only. Available for NFR optic only when combined with DTW, DTWP, DWH, DWW or DWWP color options only.