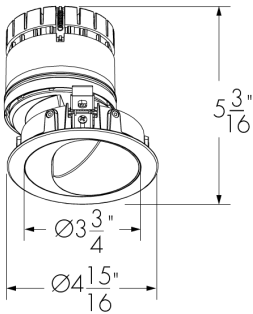


Project Name

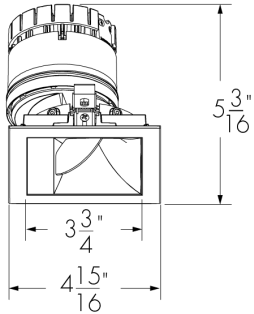
Qty

Type

Catalog / Part Number



Round Trim, Invisio Wallwash Bezel
Invisio Wallwash Optic
(Shown with 1 in ceiling springs)
Round trim ceiling cutout: Ø4.5 in



Square Trim, Invisio Wallwash Bezel
Invisio Wallwash Optic
(Shown with 1 in ceiling springs)
Square trim ceiling cutout: 4.5 in x 4.5 in

Photometric Summary

Based on Invisio Wallwash Optic,
MRGBWP in Optidrive™ (White 3000K CRI 96+)

Nominal Output [lm]	Delivered Output [lm] ⁽¹⁾	Non-Insulated Ceiling		Insulated Ceiling	
		Power (120V) [W]		Power (120V) [W]	
700	355	16		14	
1000	502	23		N/A	

1. Consult website for latest IES files.
2. Refer to the Lumencore Recessed Opticolor+ Small Photometric Guide on Lumenpulse website for information on other color temperatures.
3. Photometric performance is measured in compliance with IESNA LM-79-24.

Optics



Color and Color Temperature

Opticolor+®
Opticolor+®
Mix-at-Source
Red, Green,
Blue Plus White
Settable
Range 22K to
65K

Opticolor+®
Opticolor+®
Mix-at-Source
Red, Green,
Royal Blue Plus
White Settable
Range 22K to
65K

Description

The Lumencore Recessed Opticolor+ Small Wallwash is a high-performance, color-changing interior LED luminaire. This versatile three-in-one fixture offers Dynamic RGBW Colors, Dynamic White with Dim-to-Warm, and Premium Static White, all while upholding Lumenpulse's renowned quality of light and precision.

Physical

Cutout	R: Round, S: Square
Decorative Bezel	IB: Invisio Wallwash IRB: Invisio Rollover Wallwash SB: Standard (available for AWW and DAS optics only) T: Fixed Tilt (0° rotation, factory set 30° tilt) (available for WW optic only)
Trim	RD: Round TLR: Trimless Round SQ: Square SR: Square Trim with Round Hole TLS: Trimless Square
Ceiling Thickness	1: 0.04 in to 1 in Ceiling Thickness 2: 1.05 in to 2 in Ceiling Thickness
Housing Material	Aluminum
Weight	3.4 lbs with RM installation type, 4.75 lbs with NC installation type, 10.8 lbs with PC, IC and IC/AT installation types (Weights are approximate based on the heaviest fixture configuration) Please consult factory if exact fixture weight is needed

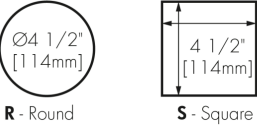
Color Rendering

CRI
90+

Control

DALI
T8
DMX/RDM

Ceiling Cutout Shapes



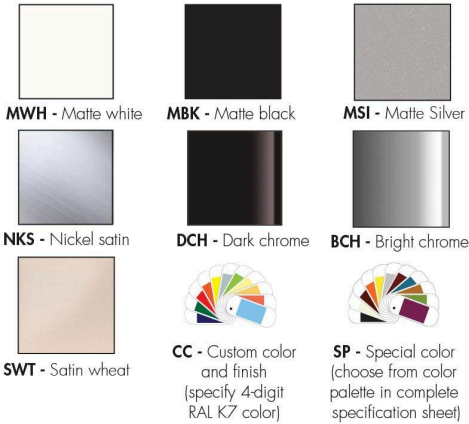
Decorative Bezels (Round Trim)



Decorative Bezels (Square Trim)



Standard Finishes - Decorative Bezels



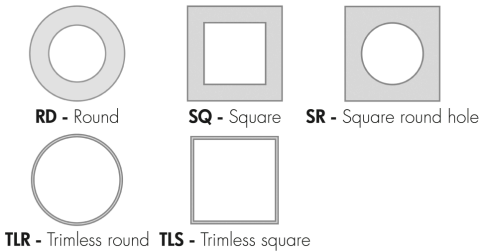
Ceiling Space Requirements (Length x Width x Height)

Up to 18 in x 18 in x 9 in with RM and NC installation types,
Up to 18 in x 15 in x 9 in with PC, IC and IC/AT installation types
Dimensions will vary by output, refer to Ceiling Requirements table for details

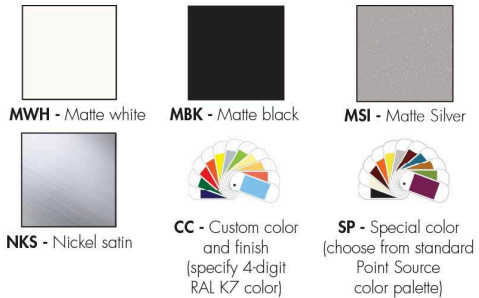
Features

Output (Nominal Lumens)	L07: 700 lm, L10: 1000 lm, L13: 1300 lm
Color and Color Temperature	MRGBWP: Opticolor+® Mix-at-Source Red, Green, Blue Plus White Settable Range 22K to 65K MRGROYWP: Opticolor+® Mix-at-Source Red, Green, Royal Blue Plus White Settable Range 22K to 65K
Optics (Nominal Distribution)	IWW: Invisio Wallwash DAS: Double asymmetric WW: Accent Wallwash AWW: True Asymmetric Wallwash
Decorative Bezel Finish	MWH: Matte White MBK: Matte Black MSI: Matte Silver NKS: Nickel Satin DCH: Dark Chrome BCH: Bright Chrome SWT: Satin Wheat CC: Custom Color Trim (Specify 4-Digit RAL K7 Color) SP: Special Color (Choose From standard Point Source Color Palette)
Trim Finish	MWH: Matte White MBK: Matte Black MSI: Matte Silver NKS: Nickel Satin CC: Custom Color Trim (Specify 4-Digit RAL K7 Color) SP: Special Color (Choose From standard Point Source Color Palette)
Installation Type	RM: Remodel Non-Insulated Ceiling (Non-Plenum Rated) NC: New Construction Non-Insulated Ceiling (Non-Plenum Rated) PC: Plenum Non-Insulated Ceiling (Enclosed Box) IC: New Construction Insulated Ceiling (Enclosed Box) IC/AT: New Construction Insulated Ceiling (Chicago Plenum/airtight, enclosed box)
Certifications	UL compliant, RoHS
Warranty	5-year limited warranty

Trim Shapes



Standard Finishes for Trim



Adjustability



Rating

IP20

Lumencycle™ Program



Certifications



Performance

Delivered Output	Up to 389 lm Invisio Wallwash Optic, MRGBWP Optidrive™ Enabled (White 3000K CRI 95+, DMX/RDM) Up to 407 lm Invisio Wallwash Optic, MRGBWP Optidrive™ Enabled (White 4000K CRI 95+, DMX/RDM) Up to 1,165 lm Double Asymmetric Optic, MRGBWP Optidrive™ Enabled (White 3000K CRI 95+, DMX/RDM) Up to 1,216 lm Double Asymmetric Optic, MRGBWP Optidrive™ Enabled (White 400K CRI 95+, DMX/RDM)
------------------	---

Color Consistency	3 SDCM (in white light color temperatures)
Color Rendering	90: CRI 90+ (White Light Only)
Lumen Maintenance	L95 50,000 hrs (Ta 25 °C)

Electrical and Control

Voltage	120: 120 Volts, 277: 277 Volts
Wattage Range	13W to 34W (wattage will vary based on voltage, output and optic, refer to Power Consumption table for details)
Control	DMX/RDM: DMX/RDM Enabled Dimming 0.1% DALI8: DALI 2 T8 Enabled Dimming 0.1%

Environmental

Ingress Protection Rating	IP20
Environment	Damp location rating (interior applications only)
Operating Temperature (Ceiling Cavity Ambient Temperature)	-4 °F to 104 °F (DMX/RDM control option)

Accessories (Order Separately)

Control Systems	Pharos® Designer Lighting Control Kit (PHAROS), Pharos® Expert Control Kit (EXPERT)
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.

Lumencycle™ Program

Lumencycle is a comprehensive program designed to maximize the life of Lumenpulse fixtures while preserving their performance, quality, and design intent. Built around three pillars—Repair, Restore, and Recycle—the program provides clear pathways to maintain existing installations, restore fixtures, and responsibly manage them at end of life. For full program details, visit <https://www.lumenpulse.com/lumencycle>.

Photometric Information

IWW - Invisio Wallwash, 4000K						
Nominal output [lm]	Delivered output [lm]†					
	Full On	Red	Green	Blue	White 30K CRI 96+	White 40K CRI 95+
700	360	183	301	74	355	371
1000	508	196	339	74	502	524

DAS - Double Asymmetric Wallwash, 4000K						
Nominal output [lm]	Delivered output [lm]†					
	Full On	Red	Green	Blue	White 30K CRI 96+	White 40K CRI 95+
700	402	252	470	119	397	415
1000	648	353	641	169	641	669
1300	893	396	772	203	882	922
2000	1179	395	937	203	1165	1216

AWW - True Asymmetric Wallwash, 4000K						
Nominal output [lm]	Delivered output [lm]†					
	Full On	Red	Green	Blue	White 30K CRI 96+	White 40K CRI 95+
700	342	174	286	70	337	353
1000	482	186	322	70	477	498

WW - Accent Wallwash, 4000K						
Nominal output [lm]	Delivered output [lm]†					
	Full On	Red	Green	Blue	White 30K CRI 96+	White 40K CRI 95+
700	302	189	353	90	298	312
1000	487	265	482	127	481	503
1300	671	297	580	152	663	692
2000	886	297	704	152	875	914

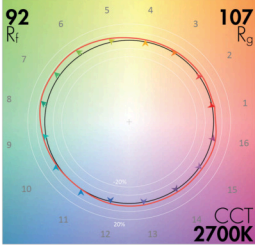
Photometric information is based on a factory-set Optidrive™ mode configuration.

† Consult website for IES files. Delivered output: +/- 10% tolerance.
Photometric performance is measured in compliance with IESNA LM-79-24.
Consult Power Consumption section for wattage information.

TM-30

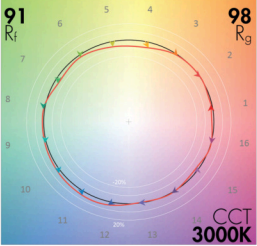
2700K - CRI 90+

CRI 90+				
CCT	CIE		TM-30	
2700K	R _a	90	92	R _f
	R ₉	76	107	R _g



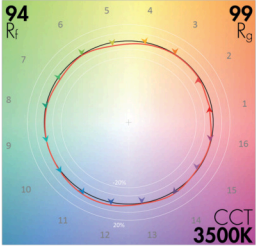
3000K - CRI 90+

CRI 90+				
CCT	CIE		TM-30	
3000K	R _a	96	91	R _f
	R ₉	94	98	R _g



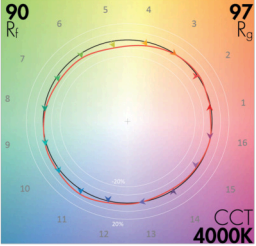
3500K - CRI 90+

CRI 90+				
CCT	CIE		TM-30	
3500K	R _a	97	94	R _f
	R ₉	83	99	R _g



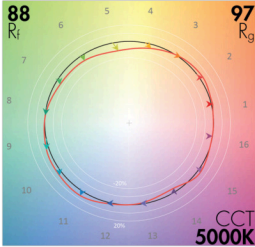
4000K - CRI 90+

CRI 90+				
CCT	CIE		TM-30	
4000K	R _a	95	90	R _f
	R ₉	97	97	R _g



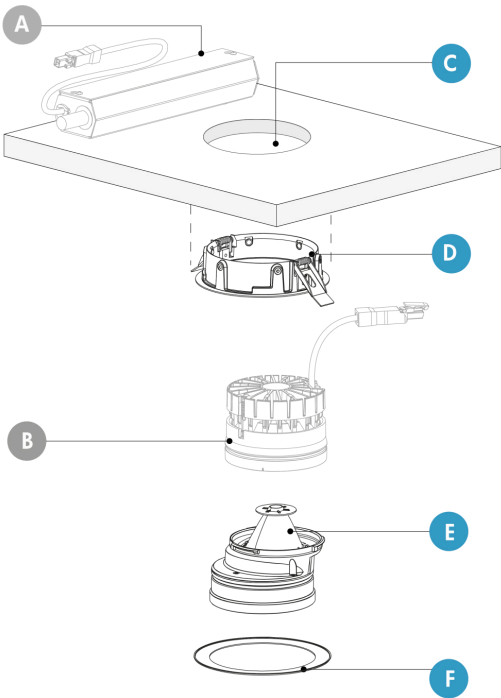
5000K - CRI 90+

CRI 90+				
CCT	CIE		TM-30	
5000K	R _a	91	88	R _f
	R ₉	78	97	R _g



Refer to TM-30 Reference Guide for details.

Exploded Overview - Part Selection (IWW Optic)



Standard Parts

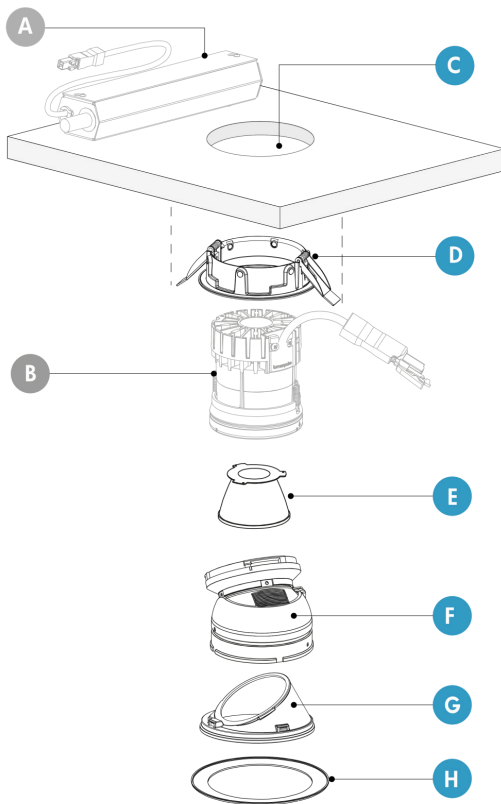
- A - MTG Mounting kit
- B - LUM Core (heatsink, universal fixing ring, LED module)

MTG: Mounting Kit
LUM: Luminaire

Customizable Parts

- C - Ceiling cutout shape (round or square)
- D - Ceiling mounting ring (round or square, based on ceiling cutout selection)
- E - Optic and Decorative bezel Assembly (IB and IRB)
- F - Trim (round or square, based on ceiling ring selection)

Exploded Overview - Part Selection (DAS, WW and AWW Optics)



Standard Parts

- A - MTG Mounting kit
- B - LUM Core (heatsink, universal fixing ring, LED module)

MTG: Mounting Kit
LUM: Luminaire

Customizable Parts

- C - Ceiling cutout shape (round or square)
- D - Ceiling mounting ring (round or square, based on ceiling cutout selection)
- E - Optic*
- F - Adjustable mechanism
- G - Decorative bezel (SB type for AWW and DAS optics, T Type for WW optic)
- H - Trim (round or square, based on ceiling ring selection)

* WW optic is field changeable. Consult Interchangeable Optics section of the specification sheet for details.

Based on WW optic construction.

Ceiling Requirements

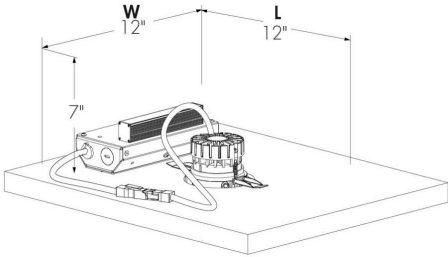
Ceiling Cavity Space Requirements (Length x Width x Height)

Installation type	Bezel Options	Output/Color Rendering		
		L07	L10	L13
		CRI90		
RM	SB or T bezel options	11"x 11"x 5" (with trim) 11"x 11"x 8" (trimless)		12"x 12"x 7" (with trim)
	IRB or IB bezel options	11"x 11"x 5" (with trim) 11"x 11"x 8" (trimless)		12"x 12"x 8" (trimless)
NC	SB or T bezel options	14"x 11"x 5" (with trim) 18"x 18"x 9" (trimless)		14"x 11"x 7" (with trim) 14"x 11"x 8" (trimless)
	IRB or IB bezel options	14"x 11"x 7" (with trim) 14"x 11"x 8" (trimless)		
PC/IC/ICAT	ALL	14.5"x 10"x 7"	18"x 15"x 9"	N/A

See Installation Type section for dimensional view of keep out and/or MTG mounting kit option.
Above dimensions include any keep out requirements for proper airflow and thermal cooling.

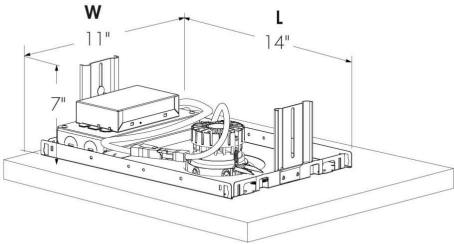
Installation Types

RM: Remodel Non-Insulated Ceiling (Non-Plenum Rated)



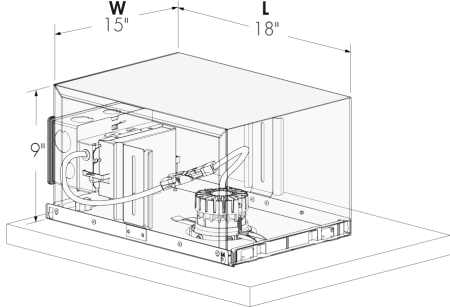
Ceiling cavity space requirements for L13 shown, fixture with trim.

NC: New Construction Non-Insulated Ceiling (Non-Plenum Rated)



Ceiling cavity space requirements for L13 shown, fixture with trim.

IC, PC, IC/AT: New Construction Insulated and Non-Insulated Ceiling (Enclosed Box)

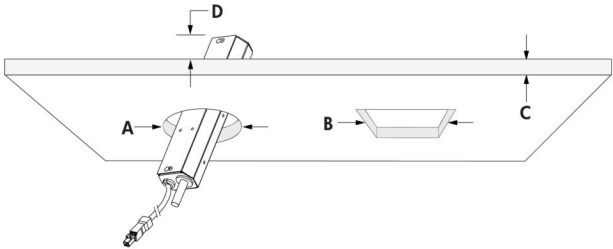


Ceiling cavity space requirements for L10 shown.

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

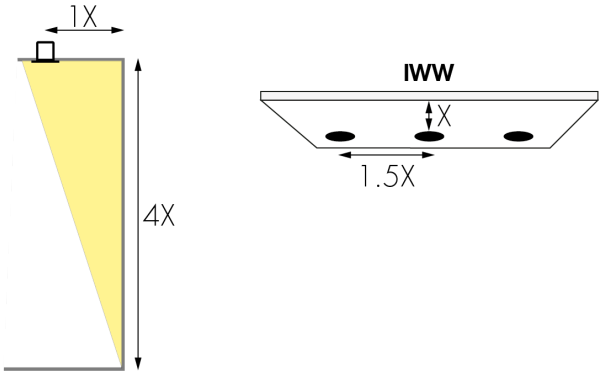
Ceiling Requirements

Ceiling Cutout



- A - Ceiling cutout: Ø4.5 in
- B - Ceiling cutout: 4.5 in x 4.5 in
- C - Maximum ceiling thickness: 2 in
- D - Minimum ceiling height: refer to Ceiling Cavity Space Requirements table

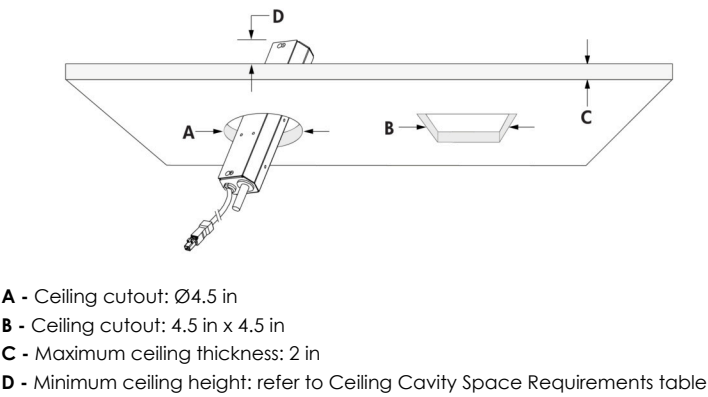
Setback and Spacing Information



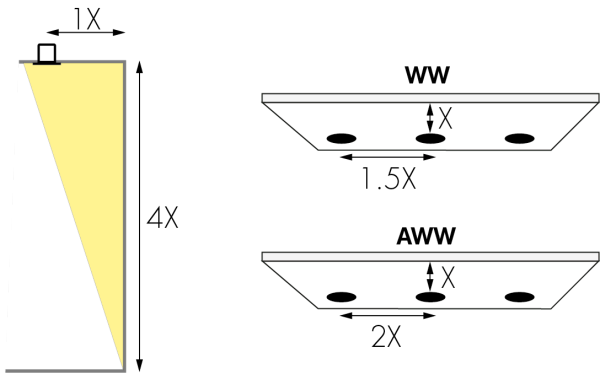
Guidelines for Invisio Wallwash Optic (IWW):

- Setback ratio: 1:4
- Spacing: on center, 1.5x setback
- Example for a 10 ft wall: 3 ft setback, 4.5 ft spacing between fixture

Ceiling Cutout



Setback and Spacing Information

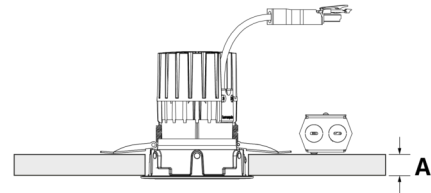


Guidelines for Accent Wallwash Optic (WW):
Setback ratio: 1:4
Spacing: on center, 1.5x setback
Example for an 8 ft wall: 2 ft setback, 3 ft spacing between fixtures

Guidelines for True Asymmetric Wallwash Optic (AWW):
Setback ratio: 1:4
Spacing: on center, 2x setback
Example for an 8 ft wall: 2 ft setback, 4 ft spacing between fixtures

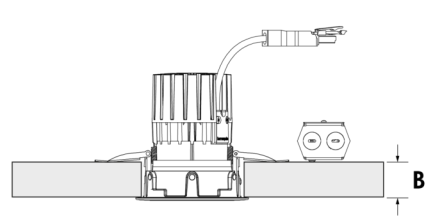
Ceiling Thickness Options

Ceiling Thickness 1



A - Ceiling thickness range: 0.04 in to 1 in

Ceiling Thickness 2



B - Ceiling thickness range: 1.05 in to 2 in

Ceiling springs are field changeable, consult installation instructions and factory for details.

Lumen Output and Installation Type

RM: Remodel Non-Insulated Ceiling (Non-Plenum Rated)
NC: New Construction Non-Insulated Ceiling (Non-Plenum Rated)

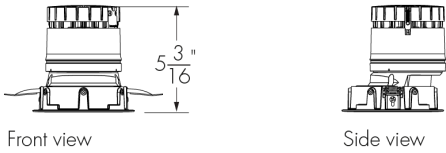
IC, PC, IC/AT - New Construction Insulated And Non-Insulated Ceiling

Optic	Short Heatsink	Tall Heatsink
	Lumen Output	Lumen Output
IWW, AWW	N/A	I07
DAS, VWW	I07, L10, L13	N/A

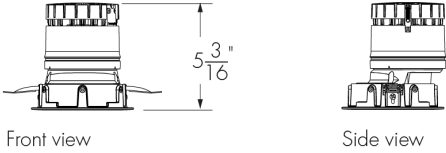
Optic	Short Heatsink
	Lumen Output
IWW, AWW	I07
DAS, VWW	I07, L10

Dimensions - Invisio Wallwash Optic

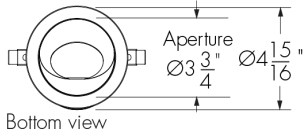
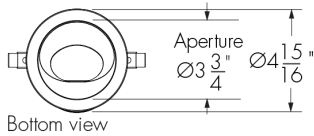
SB - Standard Decorative Bezel



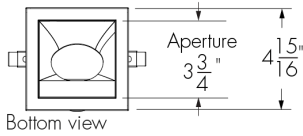
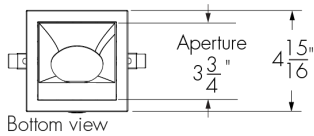
DR - Deep Roll Bezel



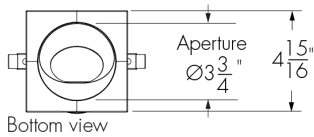
RD - Round Shape, Round Trim



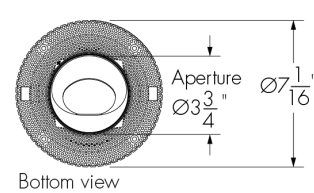
SQ - Square Shape, Square Trim



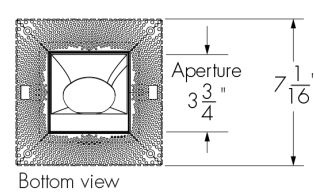
SR - Square Shape, Round Hole



TLR - Trimless Round

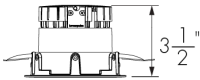


TLS - Trimless Square



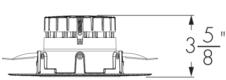
Dimensions - Double Asymmetric Wallwash Optic

Short model



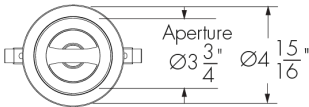
Front view

Short model - Trimless



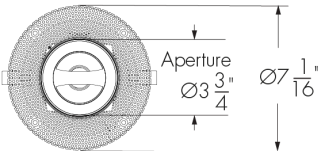
Front view

RD - Round Shape, Round Trim



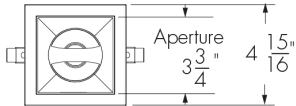
Bottom view

TLR - Trimless Round



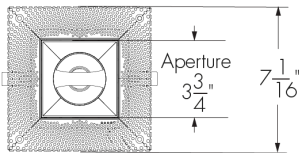
Bottom View

SQ - Square Shape, Square Trim



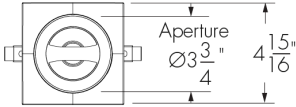
Bottom view

TLS - Trimless Square



Bottom View

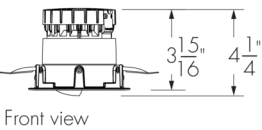
SR - Square Shape, Round Hole



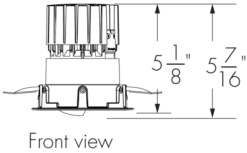
Bottom view

Dimensions - Asymmetric Wallwash Optic

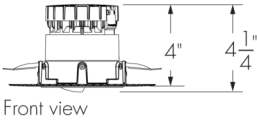
Short model



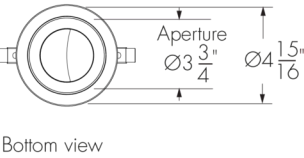
Tall model



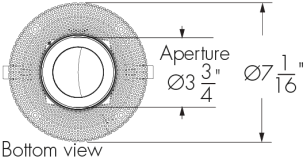
Short model - Trimless



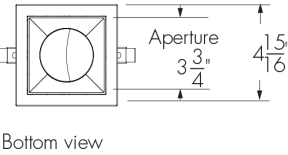
RD - Round Shape, Round Trim



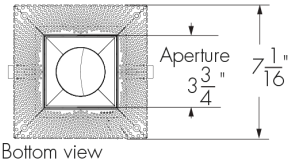
TLR - Trimless Round



SQ - Square Shape, Square Trim

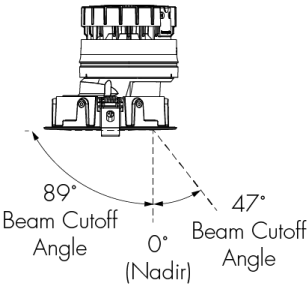


TLS - Trimless Square



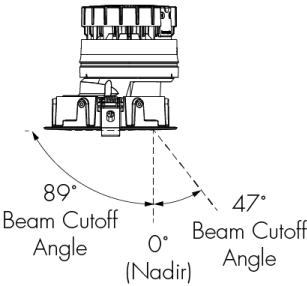
Beam Cutoff Angle

IWW - Invisio Wallwash
IB - Invisio Wallwash Bezel



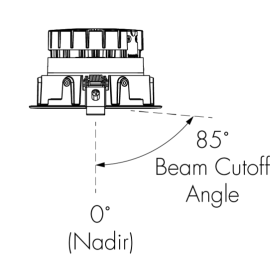
Side view

IWW - Invisio Wallwash
IRB - Invisio Rollover Wallwash Bezel



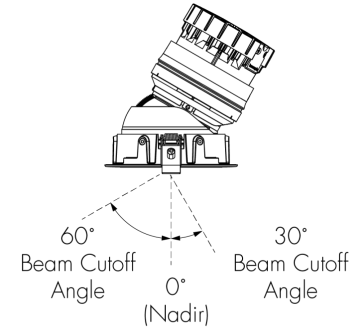
Side view

DAS - Double Asymmetric Wallwash
SB - Standard Bezel



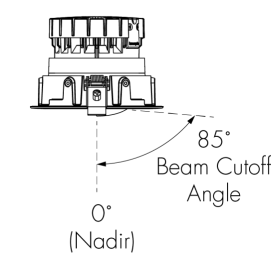
Side view

WW - Accent Wallwash
T - Fixed Tilt Bezel



Side view
(Based on 30° fixed tilt)

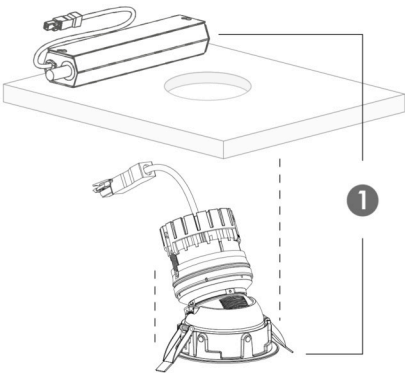
AWW - True Asymmetric Wallwash
SB - Standard Bezel



Side view

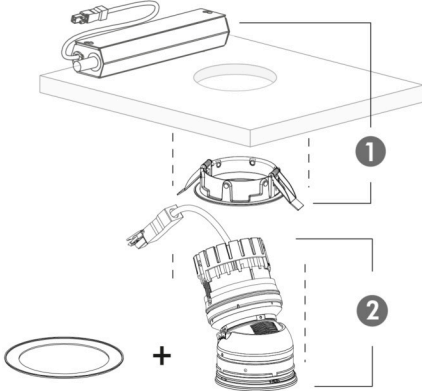
Delivery - How it Works

Standard Shipping (1 delivery)



- Included
1. MTG Mounting kit and complete fixture assembly

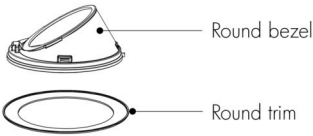
Advanced Shipping of Mounting kit (2 Separate Deliveries)



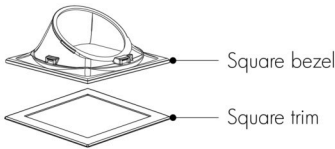
- Included
1. Optional advanced delivery: MTG Mounting kit and ceiling mounting ring
 2. Second delivery: LUM Core (heatsink, universal fixing ring, LED module, optic, decorative bezel) and trim
- Consult factory for Advanced Shipping details.

Ceiling Cutout Shape Options

RD - Round Ceiling Cutout



SQ - Square Ceiling Cutout



Decorative Bezel Options

SQ - Compatible Square Decorative Bezels



SB - Standard



T - Tilt



IB - Invisio Wallwash



IRB - Invisio Rollover Wallwash

RD - Compatible Round Decorative Bezels



SB - Standard



T - Tilt



IB - Invisio Wallwash



IRB - Invisio Rollover Wallwash

Standard Finishes - Decorative Bezels



MWH - Matte white



MBK - Matte black



MSI - Matte silver



NKS - Nickel satin



DCH - Dark chrome



BCH - Bright chrome



SWT - Satin wheat



CC - Custom colour*



SP - Special colour**

*Custom color: specify 4-digit RAL K7 color.

**Special color: choose one of the standard Point Source colors from the Point Source product brochure or Lumencore Cylinder specification sheets. Contact manufacturer for additional information.

Trim Shape Options

RD - Compatible Round Trim Shapes



RD - Round



SR - Square trim with round hole



TLR - Trimless round

SQ - Compatible Square Trim Shapes



SQ - Square



TLS - Trimless Square

Standard Finishes - Trims



MWH - Matte white



MBK - Matte black



MSI - Matte silver



NKS - Nickel satin



CC - Custom colour*



SP - Special colour* **

*Custom color: specify 4-digit RAL K7 color.

**Special color: choose one of the standard Point Source colors from the Point Source product brochure or Lumencore Cylinder specification sheets. Contact manufacturer for additional information.

Interchangeable Optics

	Optic installed in fixture			
	IWW Invisio Wallwash	WW Accent Wallwash	AWW True Asymmetric Wallwash	DAS Double Asymmetric Wallwash
Interchangeable optics	N/A	N* NR* NFR* M* MFR* W* WFR* VW* VWFR*	N/A	N/A

The optic options listed above are field changeable. Note that when the wallwash optic is changed for another optic, the fixture is no longer suitable for wallwash applications. Consult factory and installation instructions for details.

* Consult the Lumencore Recessed Small Fixed Tilt specification sheet for details.

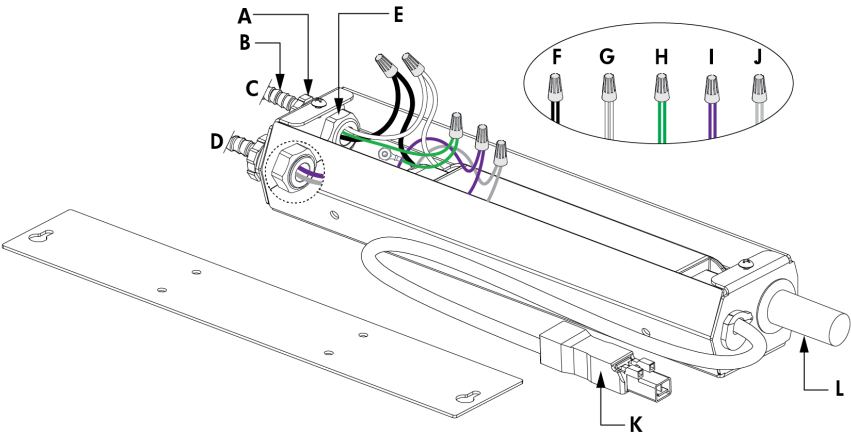
Power Consumption

Power consumption [W]				
Output [lm]	IWW - AWW		WW - DAS	
	120 V	277 V	120 V	277 V
700	16	16	13	13
1000	23	23	18	18
1300	N/A	N/A	25	25

- Power Consumption values are based on a MRGBWP Full On configuration.
- Power consumption values are for non-insulated ceiling (RM and NC) installation types.
 - For plenum ceiling (PC), and new construction insulated ceiling (IC and IC/AT) installation types, remove 2 watts per fixture.

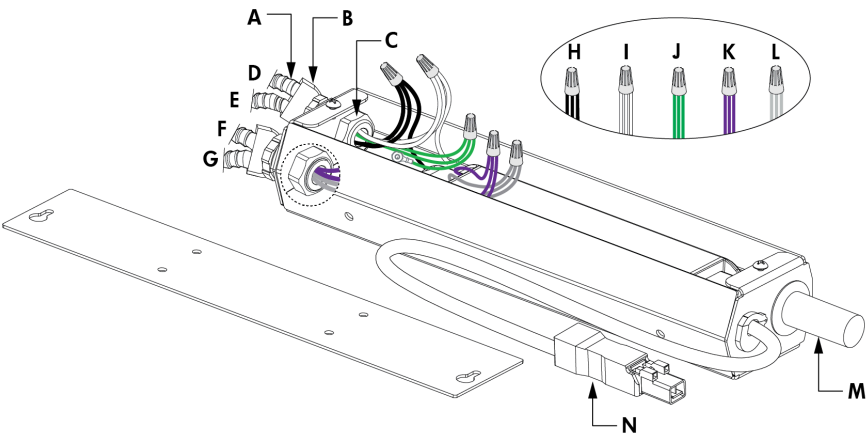
Wiring Details RM: Remodel Non-Insulated Ceiling (Non-Plenum Rated)

DMX/RDM Wiring Detail



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

Daisy Chain Layout (DMX/RDM) - Wiring Detail

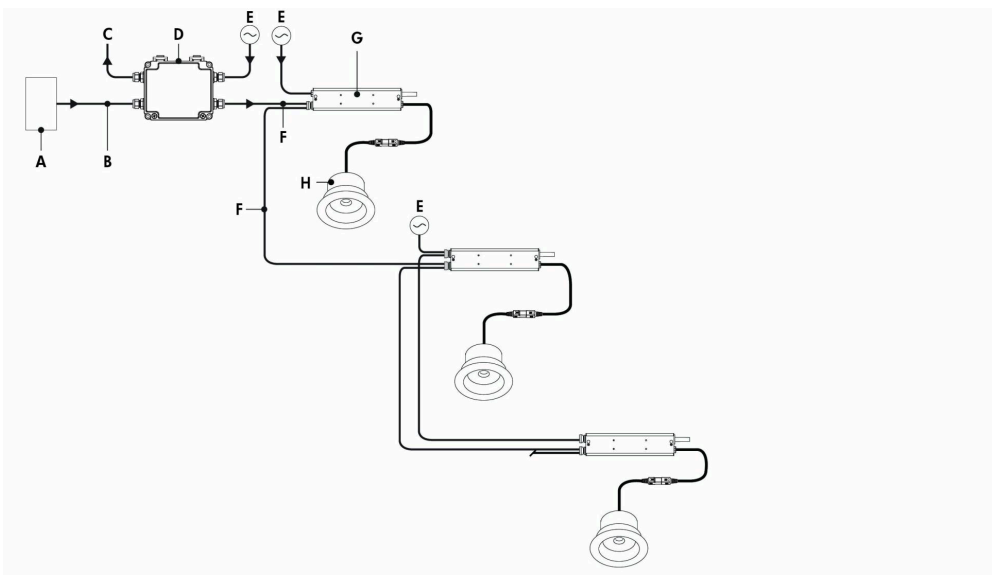


- A - Conduit (by others)
- B - Duplex connector (by others)
- C - Locknut (by others)
- D - Power Output to next luminaire
- E - Power input
- F - Data Output to next luminaire
- G - Data Input from Control System
- H - Line
- I - Neutral
- J - Ground
- K - Data +
- L - Data -
- M - Thermal protector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

Remodel driver box varies by control option. Refer to installation instructions for additional wiring details.

Typical Wiring Diagrams

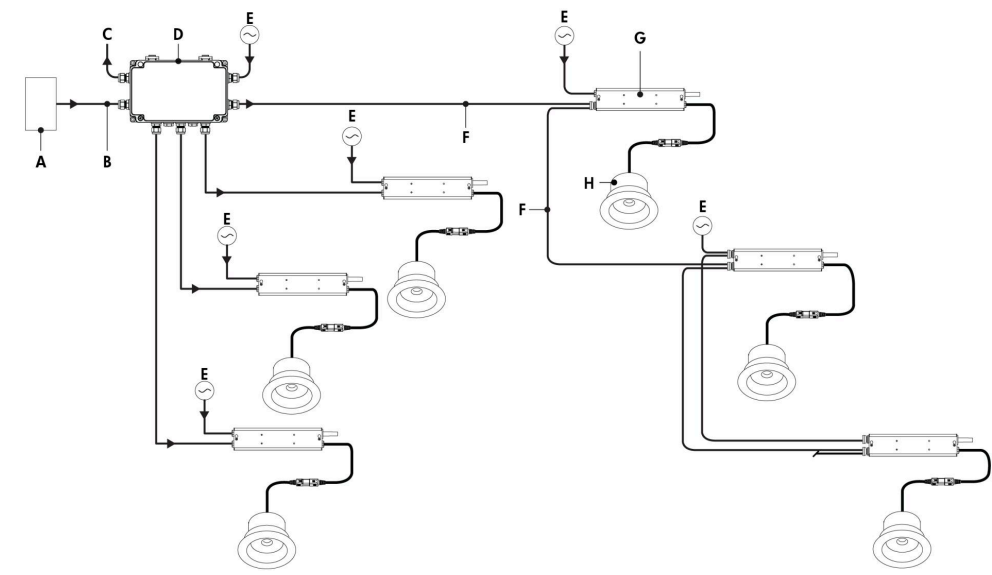
Daisy Chain Layout (DMX/RDM)



- A - DMX/RDM controller (to be ordered separately from Lumenpulse, or by others)
- B - Data input (Belden 9841 or equivalent, by others)
- C - Data output to next CBX (optional, non-isolated/non-boosted)
- D - CBX-DS
- E - Power input (120-277V AC, wiring by others)
- F - Data cable (Belden 9841 or equivalent, by others)
- G - MTG kit (included, specified in fixture order code)
- H - Lumencore Recessed fixture

The DMX/RDM protocol states a maximum of 32 DMX/RDM enabled fixtures on any single run.
Maximum of 4 DMX/RDM repeaters/CBX cascading in line.
Maximum of 1 output per CBX-DS.
Each fixture requires 1, 2, 3, 4, or 5 DMX addresses depending on control mode selected onsite.
DMX terminator is required at the end of each run to maintain data integrity. Two (2x) DMX lumenterminators included per CBX-DS. See installation instructions for details.

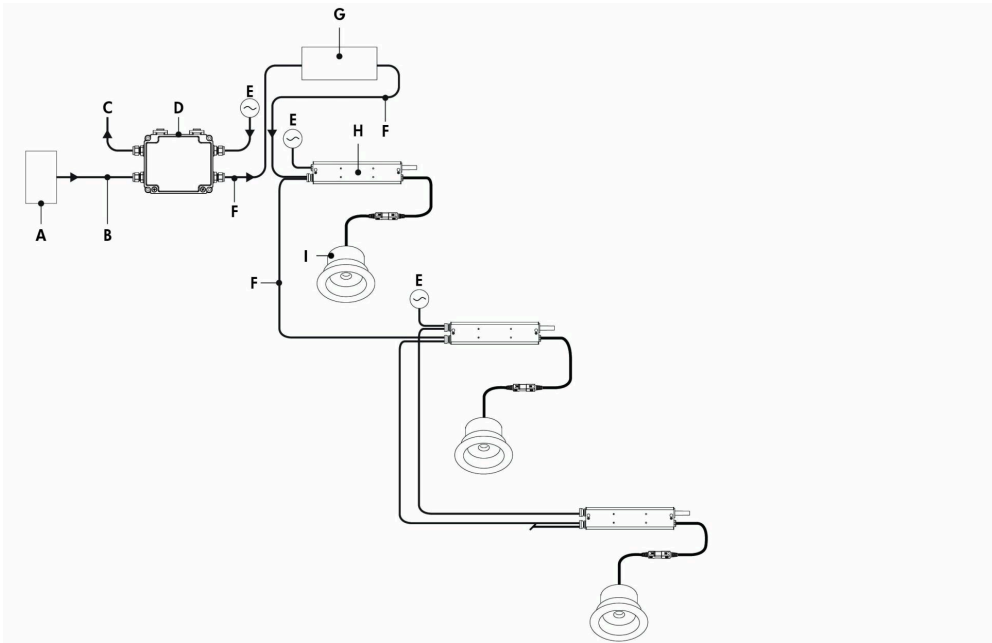
Star Layout (DMX/RDM)



- A - DMX/RDM controller (to be ordered separately from Lumenpulse, or by others)
- B - Data input (Belden 9841 or equivalent, by others)
- C - Data output to next CBX (optional, non-isolated/non-boosted)
- D - CBX-ST
- E - Power input (120-277V AC, wiring by others)
- F - Data cable (Belden 9841 or equivalent, by others)
- G - MTG kit (included, specified in fixture order code)
- H - Lumencore Recessed fixture

The DMX/RDM protocol states a maximum of 32 DMX/RDM enabled fixtures on any single run.
Maximum of 4 DMX/RDM repeaters/CBX cascading in line.
Maximum of 6 outputs per CBX-ST.
Each fixture requires 1, 2, 3, 4, or 5 DMX addresses depending on control mode selected onsite.
DMX terminator is required at the end of each run to maintain data integrity. Six (6x) DMX lumenterminators included per CBX-ST. See installation instructions for details.

Daisy Chain Layout (DMX/RDM) Using Emergency Backup Power



- A** - DMX/RDM controller (order separately from Lumenpulse, or by others)
- B** - Data input (Belden 9841 or equivalent, by others)
- C** - Data output to next CBX (optional, not isolated/not boosted)
- D** - CBX-DS
- E** - Power input (120-277V AC, emergency circuit or inverter, wiring by others)
- F** - Data cable (Belden 9841 or equivalent, by others)
- G** - UL 924 Emergency Backup Device (by others)
- H** - MTG kit (included, specified in fixture order code)
- I** - Lumencore Recessed fixture

The wiring configuration shown is an example and may vary depending on the emergency backup power system selected.

Emergency backup power is provided by others.

The DMX/RDM protocol states a maximum of 32 DMX/RDM enabled fixtures on any single run.

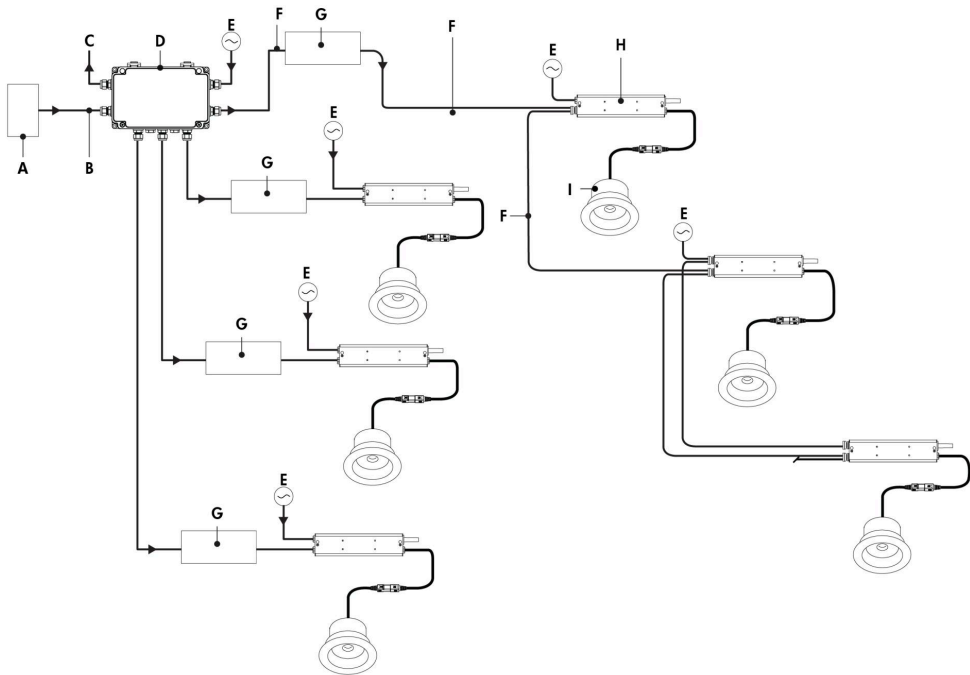
Maximum of 4 DMX/RDM repeaters/CBX cascading in line.

Maximum of 1 output per CBX-DS.

Each fixture requires 1, 2, 3, 4, or 5 DMX addresses depending on control mode selected onsite.

DMX terminator is required at the end of each run to maintain data integrity. Two (2x) DMX lumenterminators included per CBX-DS. See installation instructions for details.

Star Layout (DMX/RDM) Using Emergency Backup Power



- A - DMX/RDM controller (order separately from Lumenpulse, or by others)
- B - Data input (Belden 9841 or equivalent, by others)
- C - Data output to next CBX (optional, not isolated/not boosted)
- D - CBX-ST
- E - Power input (120-277V AC, emergency circuit or inverter, wiring by others)
- F - Data cable (Belden 9841 or equivalent, by others)
- G - UL 924 Emergency Backup Device (by others)
- H - MTG kit (included, specified in fixture order code)
- I - Lumencore Recessed fixture

The wiring configuration shown is an example and may vary depending on the emergency backup power system selected.

Emergency backup power is provided by others.

The DMX/RDM protocol states a maximum of 32 DMX/RDM enabled fixtures on any single run.

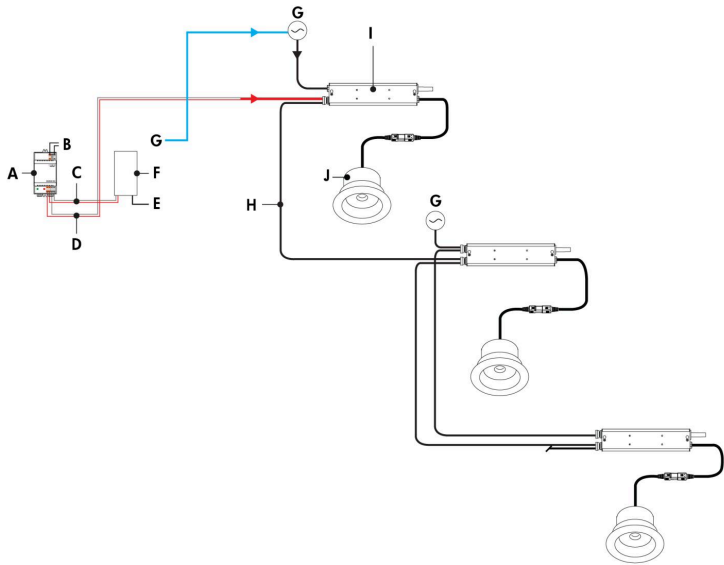
Maximum of 4 DMX/RDM repeaters/CBX cascading in line.

Maximum of 6 outputs per CBX-ST.

Each fixture requires 1, 2, 3, 4, or 5 DMX addresses depending on control mode selected onsite.

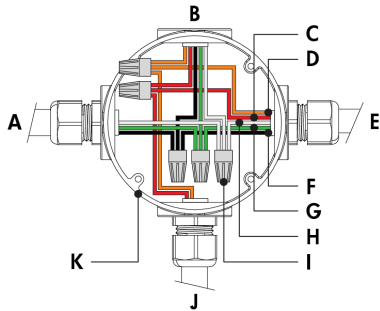
DMX terminator is required at the end of each run to maintain data integrity. Six (6x) DMX lumenterminators included per CBX-ST. See installation instructions for details.

DALI 2 T8 Enabled Dimming (DALIT8)



- A - DALI bus power supply (by others)
- B - Power input for DALI bus power supply (wiring by others)
- C - Data output to DALI controller (wiring by others)
- D - Data output to fixture (wiring by others)
- E - Power input for DALI controller (if required, wiring by others)
- F - DALI controller (by others)
- G - Power input (100-277V AC, wiring by others)
- H - Data wiring (by others)
- I - MTG kit (included, specified in fixture order code)
- J - Lumencore Recessed fixture

DALI 2 T8 (DALIT8) - Wiring Detail



- A - Power input or from previous fixture
- B - To fixture
- C - DA +
- D - DA -
- E - To next fixture
- F - Line
- G - Ground
- H - Neutral
- I - Wire-nut (by others)
- J - From DALI controller (by others)
- K - Junction box (by others)

- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- Maximum of 64 DALI fixtures per DALI loop.
- The Lumencore Recessed fixture responds to RGBWAF controls.
- Commissioning may be required based on the selection of 3rd party DALI controller. Controller and commissioning provided by others.

Diagnostic And Addressing Tools (Order Separately)

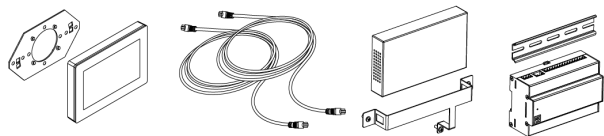
LID - LumenID



The updated LumenID (LID) is an 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. Cable option may vary; please consult factory. For complete details, refer to the LID specification sheet.

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.

How to Order

Housing ⁽¹⁾	Certification	Type	Voltage	Cutout	Output (Nominal Lumens)	Color and Color Temperature ⁽³⁾	Color Rendering	Optics (Nominal Distribution)	Control	Decorative Bezel
LCRS Lumencore Recessed Small - 4 in	A UL/cUL	WA Wallwash	120 120 Volts 277 277 Volts	R Round S Square	L07 700 lm L10 1000 lm L13 1300 lm ⁽²⁾	MRGBWP Opticolor+® Mix-at-Source Red, Green, Blue Plus White Settable Range 22K to 65K ⁽⁴⁾ MRGROYWP Opticolor+® Mix-at-Source Red, Green, Royal Blue Plus White Settable Range 22K to 65K ^{(4) (5)}	90 CRI 90+ (White Light Only) ⁽⁶⁾	IWW Invisio Wallwash ⁽⁷⁾ DAS Double Asymmetric Wallwash ⁽⁸⁾ WW Accent Wallwash ⁽⁹⁾ AWW True Asymmetric Wallwash ^{(7) (10)}	DMX/RDM DMX/RDM Enabled Dimming 0.1% ^{(11) (12) (13) (14)} DALI8 DALI 2 T8 Enabled Dimming 0.1% ⁽¹⁵⁾	SB Standard ⁽¹⁶⁾ IRB Invisio Rollover Wallwash IB Invisio Wallwash T Tilt (0° rotation, factory set 30° tilt) ⁽¹⁷⁾

Notes:

1. Refer to website product configurator for all exceptions.

2. Available for DAS and WW optics only.

3. White Channel Set Point or Warm Dimming Range is adjustable at commissioning. Consult Opticolor+ Personality Guide for details.

4. Fixtures are shipped from the factory in Optidrive™ Mode. Normal Mode can be activated onsite for DMX/RDM fixtures. For DMX/RDM applications, Optidrive Mode requires a LumenID, LumenID software and onsite commissioning. Additionally, with Opticolor+™ the white CCT is configurable in the field from 2200K-8000K.

5. CRI 90 applies only to white light color temperatures from 2700K to 6500K.

6. CRI 90 applies only to white light color temperatures from 2700K to 5000K.

7. Available up to 1000 lumens.

8. The color of the double asymmetric baffle is metallic gray.
9. Available up to 1300 lumens.

10. The color of the asymmetric wallwash baffle matches the color specified for the decorative bezel.

11. Configurable between 8 or 16-bit dimming control via RDM. DMX/RDM requires LumenID, LumenID software and onsite commissioning.

12. A Control Box (CBX-DS or CBX-ST) and LumenID (LID) must be specified.

13. Consult the Lumencore Recessed Opticolor+™ Brochure for details.

14. Configurable to 3, 4, or 5 channel control via RDM in the field.

15. DALI 2 T8 controller required, provided by others. DALI 2 T8 control uses a single DALI short address.

16. Available for AWW and DAS optics only.

17. Available for WW optic only.

How to Order

Decorative Bezel Finish	Trim ⁽²⁰⁾	Trim Finish ⁽²⁰⁾	Installation Type	Ceiling Thickness ⁽²⁵⁾	Accessories
MWH Matte White	RD Round ⁽²¹⁾	MWH Matte White	RM Remodel Non-Insulated Ceiling (Non-Plenum Rated) ⁽²³⁾ ⁽²⁴⁾	1 0.04 in to 1 in Ceiling Thickness	NA No Accessory
MBK Matte Black	TLR Trimless Round ⁽²¹⁾	MBK Matte Black	NC New Construction Non-Insulated Ceiling (Non-Plenum Rated) ⁽²³⁾ ⁽²⁴⁾	2 1.05 in to 2 in Ceiling Thickness	
MSI Matte Silver	SQ Square ⁽²²⁾	MSI Matte Silver	PC Plenum Non-Insulated Ceiling (Enclosed Box) ⁽⁷⁾		
NKS Nickel Satin	SR Square Trim with Round Hole ⁽²¹⁾	NKS Nickel Satin	IC New Construction Insulated Ceiling (Enclosed Box) ⁽⁷⁾		
DCH Dark Chrome	TLS Trimless Square ⁽²²⁾	CC Custom Color Trim ⁽¹⁸⁾	IC/AT New Construction Insulated Ceiling (Chicago Plenum/airtight, enclosed box) ⁽⁷⁾		
BCH Bright Chrome		SP Special Point Source Color ⁽¹⁹⁾			
SWT Satin Wheat					
CC Custom Color Trim ⁽¹⁸⁾					
SP Special Point Source Color ⁽¹⁹⁾					

Notes:

7. Available up to 1000 lumens.

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

19. Refer to Cylinder specification sheet and brochure for color options.

20. Not available for IWW optic when combined with IRB decorative bezel.

21. Cannot be combined with square ceiling cutout.
22. Cannot be combined with round ceiling cutout.

23. Available up to 1000 lumens when combined with IWW and AWW optics.

24. Available up to 1300 lumens when combined with DAS or WW optics.

25. Ceiling springs are field changeable, consult factory and installation instructions for details.