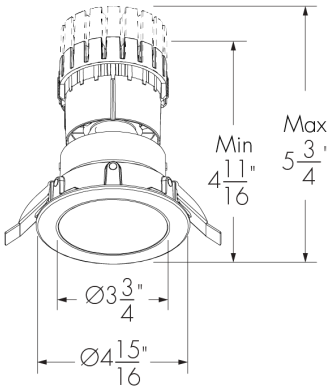


Project Name

Qty

Type

Catalog / Part Number



Round trim
(Deep decorative bezel shown with 1 in in ceiling springs)
Round trim ceiling cutout: Ø4.5 in

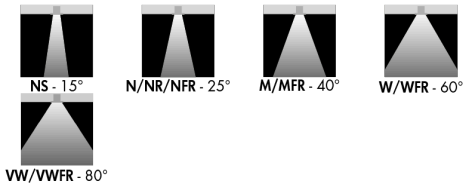
Photometric Summary

Based on Wide Faceted Reflector Optic (Nominal 60°), 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	498	13	11
1000	803	18	16
1300	1,106	25	N/A
2000	1,459	34	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 Shower Rated 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. Available in an array of trims and finishes, optics, accessories, and with a Shower Rated IP55 Dead Front.

Physical

Cutout	R: Round
Decorative Bezel	Deep Rollover, Polycarbonate bezel for Dead Front protection
Ceiling Thickness	1: 0.04 in to 1 in Ceiling Thickness 2: 1.05 in to 2 in Ceiling Thickness
Housing Material	Aluminum
Lens Seal Material	Silicone
Gasket Material	Urethane foam
TIR Optics Material	Clear polycarbonate
Reflector Material	Aluminum
Bezel Material	Polycarbonate
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 Shape



R - Round

Decorative Bezel



DR - Deep
rolled over

Standard Finishes for Decorative Bezel



MWH - Matte white



MBK - Matte black

Trim Shape



RD - Round

Ratings

IP55



Wet
Location

Lumencycle™ Program



Certifications



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, **L20:** 2000 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)

NS: Narrow Spot Distribution 15°
N: Narrow Distribution 25°
NR: Narrow Reflector 25°
NFR: Narrow Faceted Reflector 25°
M: Medium 40°
MFR: Medium Faceted Reflector 40°
W: Wide 60°
WFR: Wide Faceted Reflector 60°
VW: Very Wide 80°
VWFR: Very Wide Faceted Reflector 80°

Decorative Bezel Finish

MWH: Matte White
MBK: Matte Black

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, UL Wet Location, RoHS

Warranty

5-year limited warranty

Performance

Delivered Output

Up to 1,459 lm
Wide Faceted Reflector Optic 60°, MRGBWP Optidrive™ Enabled (White 3000K CRI 95+, DMX/RDM)
Up to 1,524 lm
Wide Faceted Reflector Optic 60°, MRGBWP Optidrive™ Enabled (White 4000K CRI 95+, DMX/RDM)

Delivered Intensity

Up to 4,979 cd
Narrow Spot Optic 15°, MRGBWP Optidrive™ Enabled (White 3000K CRI 95+, DMX/RDM)
Up to 5,198 cd
Narrow Spot Optic 15°, MRGBWP Optidrive™ Enabled (White 4000K 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	IP54, IP55 (suitable for "Dead Front" shower rated locations)
Environment	Wet location rating
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

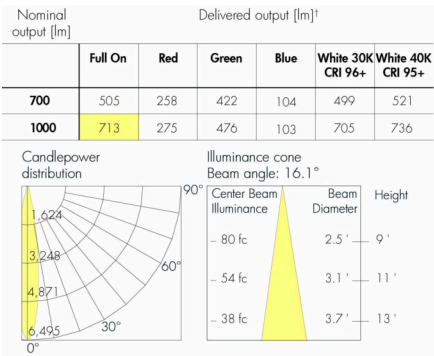
This website (<https://www.lmpg.com/patents-trademarks>) is provided to satisfy the virtual patent marking provisions of applicable jurisdictions. Some products listed may be covered by additional patents not referenced here.

Lumencycle™ Program

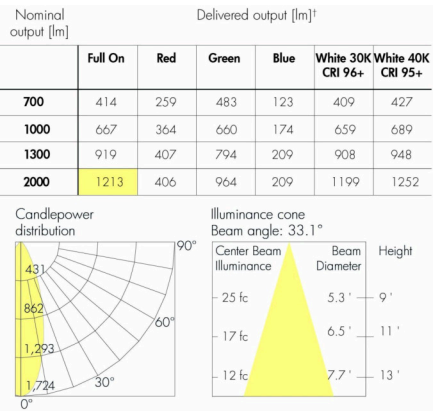
Lumencycle is a comprehensive program designed to maximize the life of Lumenpulse fixtures while preserving their performance, quality, and design intent. Built around three pillars—Repair, Restore, and Recycle—the program provides clear pathways to maintain existing installations, restore fixtures,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

Photometric Information

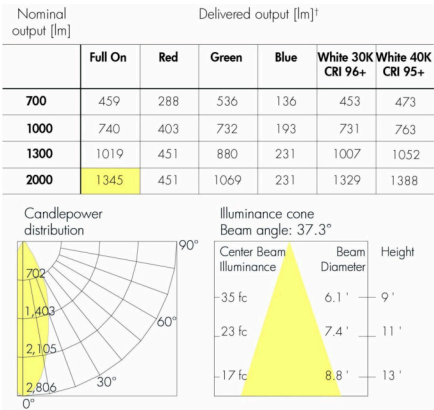
NS - Narrow Spot (Nominal 15°), 4000K



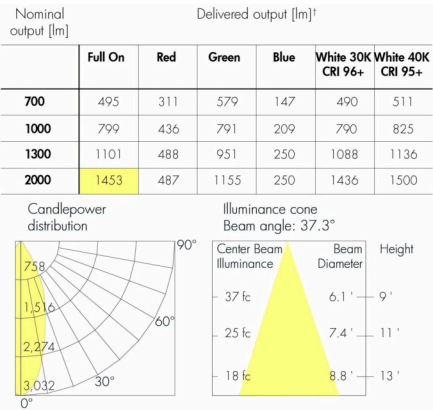
N - Narrow (Nominal 25°), 4000K



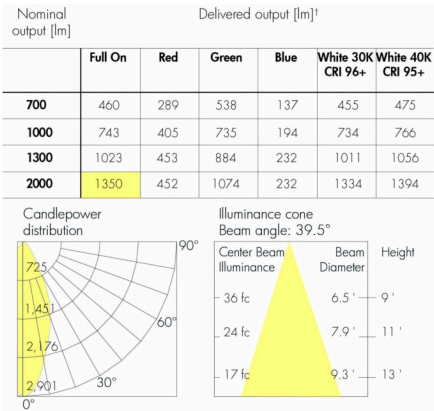
NR - Narrow Reflector (Nominal 25°), 4000K



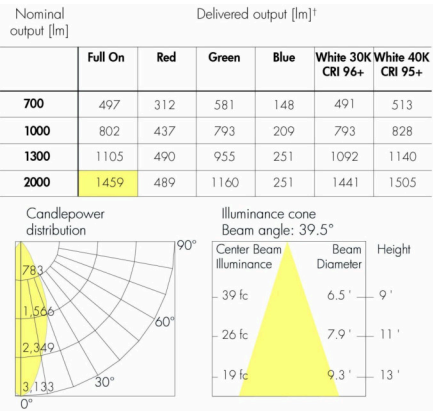
NFR - Narrow Faceted Reflector (Nominal 25°), 4000K



M - Medium (Nominal 40°), 4000K



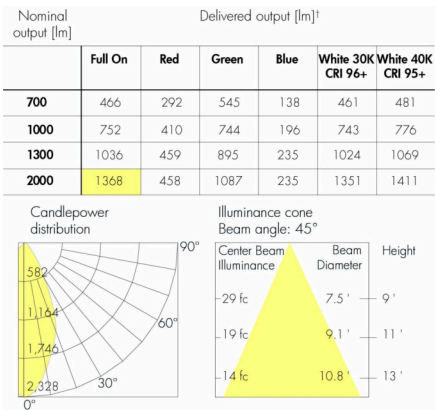
MFR - Medium Faceted Reflector (Nominal 40°), 4000K



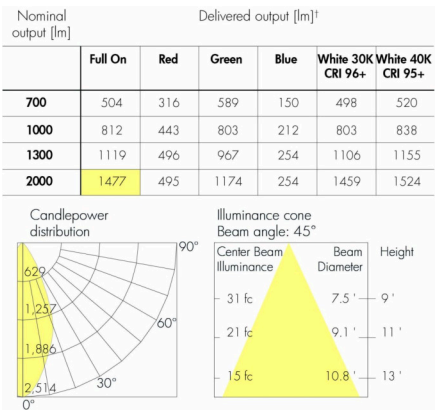
Photometric information is based on a factory-set Optidrive™ mode configuration.

† 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.

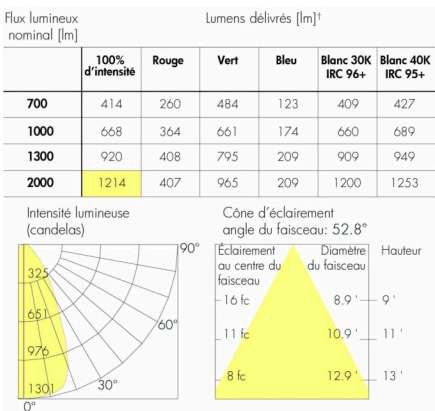
W - Wide (Nominal 60°), 4000K



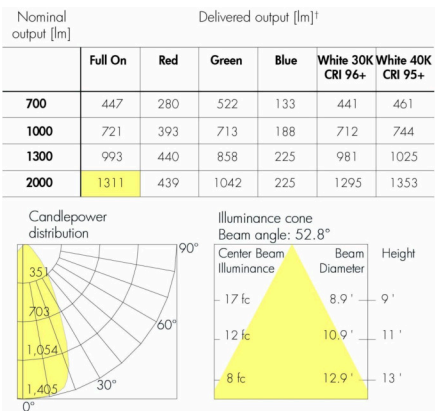
WFR - Wide Faceted Reflector (Nominal 60°), 4000K



VW - Very Wide (Nominal 80°), 4000K



VWFR - Very Wide Faceted Reflector (Nominal 80°), 4000K



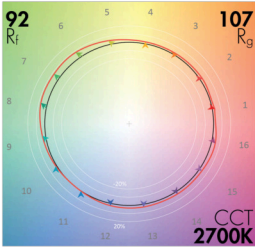
Photometric information is based on a factory-set Optidrive™ mode configuration.

† 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

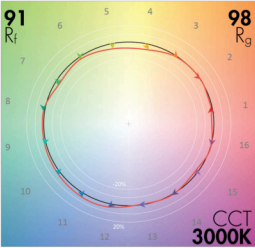
2700K - CRI 90+

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



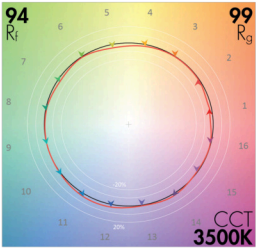
3000K - CRI 90+

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



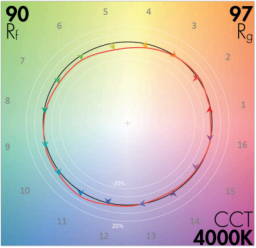
3500K - CRI 90+

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



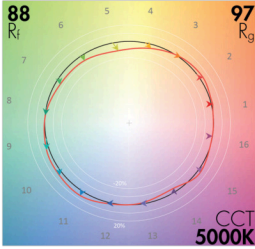
4000K - CRI 90+

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



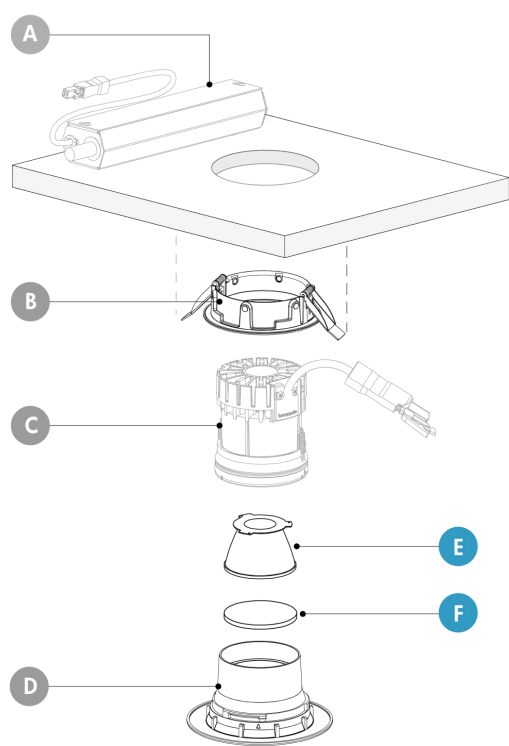
5000K - CRI 90+

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



Standard Parts

- A - MTG Mounting kit
- B - Ceiling mounting ring, complete with a urethane foam gasket
- C - LUM Core (heatsink, universal fixing ring, LED module)
- D - Deep rolled over decorative bezel (plastic material for "Dead Front" shower applications complete with silicone-sealed glass lens)

MTG: Mounting Kit
LUM: Luminaire

Customizable Parts

- E - Optic*
- F - Optical accessory**

*Field changeable. Consult Interchangeable Optics section of the specification sheet for details. Consult factory for ordering details.

**Field changeable, consult installation instructions for details. Consult factory for ordering details.

Ceiling Requirements

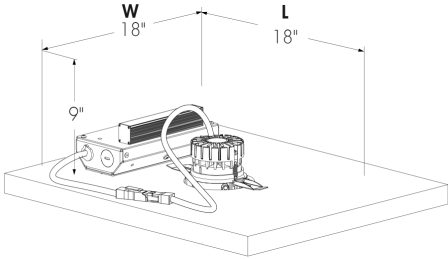
Ceiling Cavity Space Requirements (Length x Width x Height)

Installation type	Output/Color Rendering			
	L07	L10	L13	L20
	CRI90			
RM	11"x 11"x 7"		12"x 12"x 7"	18"x 18"x 9"
NC	14"x 11"x 7"			
PC/IC/ICAT	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.

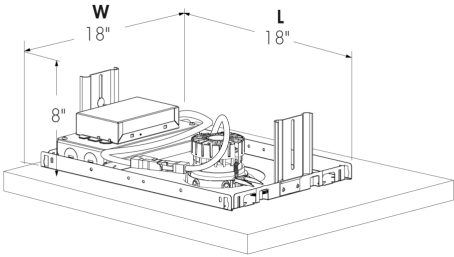
Installation Types

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



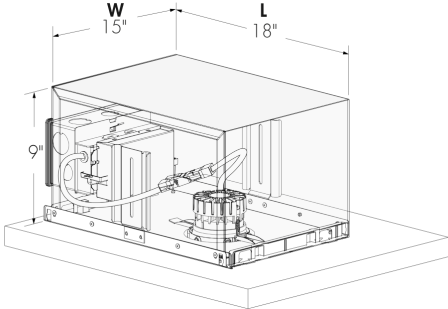
Ceiling cavity space requirements for L20 shown.

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



Ceiling cavity space requirements for L20

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

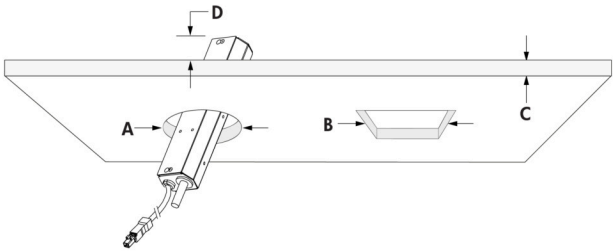


Ceiling cavity space requirements for L10 shown.

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

Ceiling Requirements

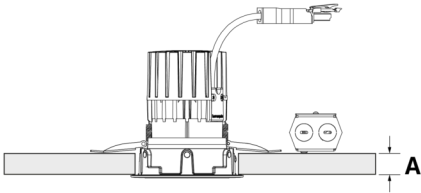
Ceiling Cutout



- A - Ceiling cutout: $\varnothing 4.5$ 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

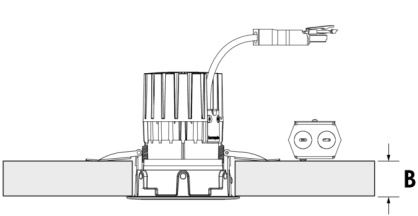
Ceiling Thickness Options

Ceiling Thickness 1



A - Ceiling thickness range: 0.04 in to 1 in

Ceiling Thickness 2



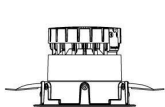
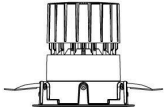
B - Ceiling thickness range: 1.05 in to 2 in

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)

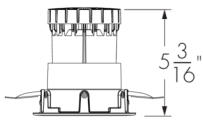
IC, PC, IC/AT - New Construction Insulated And Non-Insulated Ceiling

		
	Short Heatsink	Tall Heatsink
Optic	Lumen Output	Lumen Output
NS, NSR, NSFR	N/A	107
N, NR, NFR, M, MFR, W, WFR, VVW, VVFR	107, 110, 113	120

	
	Short Heatsink
Optic	Lumen Output
NS, NSR, NSFR	107
N, NR, NFR, M, MFR, W, WFR, VVW, VVFR	107, 110

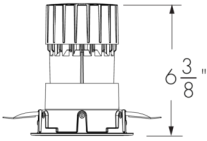
Dimensions

Short Heatsink



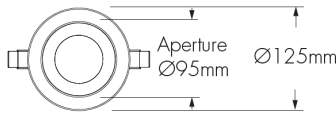
Front view

Tall Heatsink



Front view

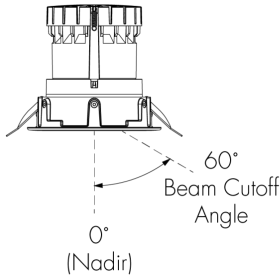
RD - Round Shape, Round Trim



Bottom view

Beam Cutoff Angle

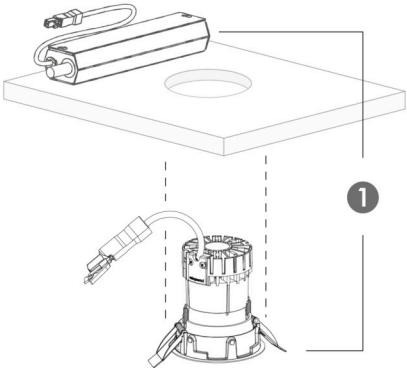
DR - Deep Rolled Over



Front view

Delivery - How it Works

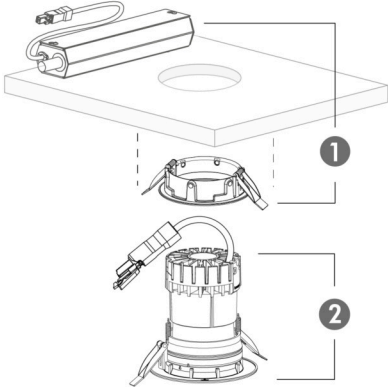
Standard Shipping (1 delivery)



Included

- 1. MTG Mounting kit and complete fixture assembly

Advanced Shipping of Mounting kit (2 Separate Deliveries)

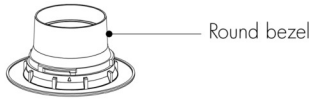


Included

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

Ceiling Cutout Shape Options

RD - Round Ceiling Cutout



Standard Finishes - Decorative Bezels



MWH - Matte white



MBK - Matte black

Decorative Bezel Options

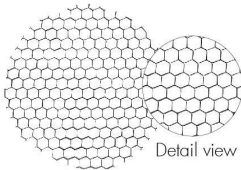
RD - Compatible Round Decorative Bezels



DR - Deep rolled over
(plastic material for "Dead Front"
shower applications)

Optical Accessories

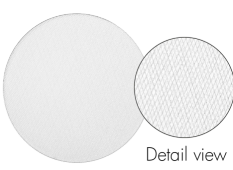
HL - Honeycomb Louver



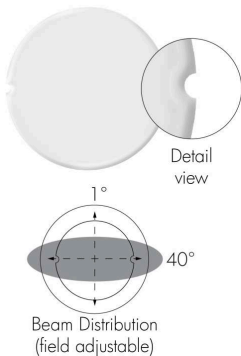
SL - Softening Glass Lens



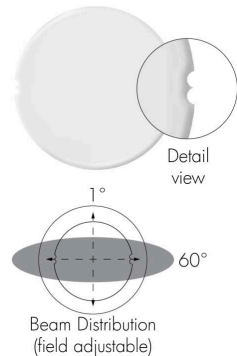
PD - Prismatic Diffuser



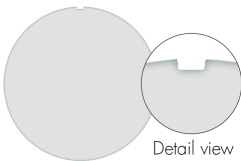
LSN - Linear Spread Lens Narrow (1° x 40°)



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

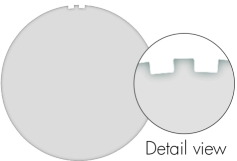


BW1 - Beam Widening Lens (+10°)



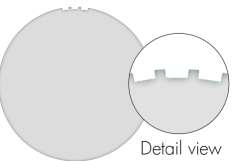
Refer to Beam Widening Lens table for beam distribution based on optic installed in the fixture.

BW2 - Beam Widening Lens (+20°)



Refer to Beam Widening Lens table for beam distribution based on optic installed in the fixture.

BW3 - Beam widening lens (+30°)

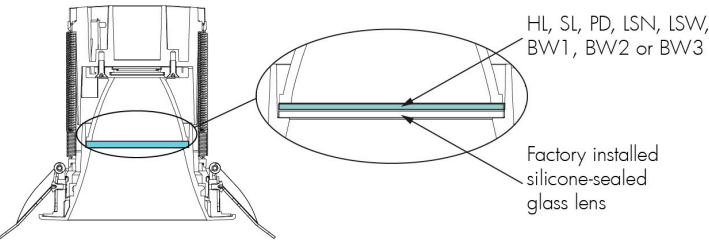


Refer to Beam Widening Lens table for beam distribution based on optic installed in the fixture.

The accessory is mounted behind the silicone-sealed glass lens of the fixture. An additional accessory is factory installed and cannot be changed in the field.

Optical Accessory (Factory Installed, Not Field Changeable)

One Optical Accessory Installed



Optics

TIR Optic - Total Internal Reflection



Applicable to NS (15°) and N (25°) distributions.

Semi-Specular Reflector



Applicable to NR (25°), M (40°), W (60°) and VW (80°) distributions.

Faceted Reflector



Applicable to NFR (25°), MFR (40°), WFR (60°) and VWFR (80°) distributions.

Beam Widening Lenses

	Optic installed in fixture									
	NS 15°	N 25°	NR 25°	NFR 25°	M 40°	MFR 40°	W 60°	WFR 60°	VW 80°	VWFR 80°
BW1	17°	30°	30°	30°	41°	41°	61°	61°	81°	81°
BW2	24°	34°	34°	34°	45°	45°	63°	63°	82°	82°
BW3	33°	41°	41°	41°	50°	50°	67°	67°	85°	85°

The above beam angles are nominal beam angles.
Variations in beam angles can be seen due to different LES sizes. For exact beam calculations please consult factory.
Beam widening lenses should not be used with other accessories with the nominal results above.

Power consumption [W]				
Output [lm]	NS (15°)		N (25°) - NR (25°) - NFR (25°) - M (40°) - MFR (40°) - W (60°) - WFR (60°) - VW (80°) - VWFR (80°)	
	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
2000	N/A	N/A	34	34

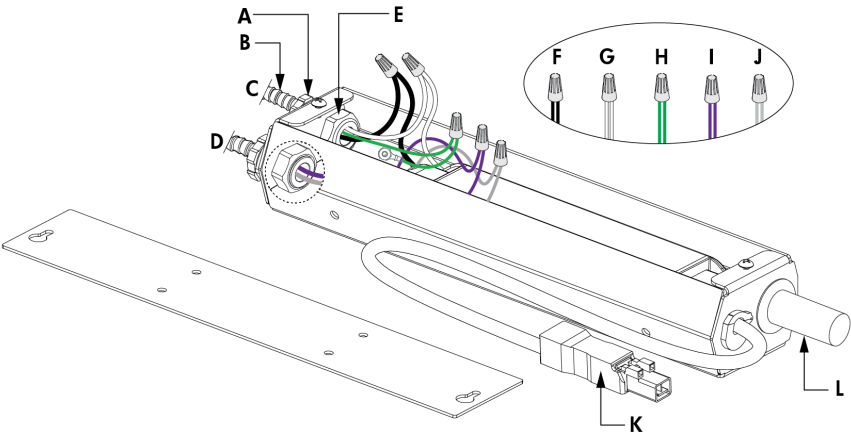
- Power consumption values are for non-insulated ceiling (RM and NC) installation types.
- For plenum ceiling (PC), and new construction insulated ceiling (IC and IC/AT) installation types, remove 2 watts per fixture.

	Optic installed in fixture					
	NS 15°	N 25°	NR 25°	M 40°	W 60°	VW 80°
Interchangeable optics	N/A	NR	N	N	N	N
		NFR	NFR	NR	NR	NR
		M	M	NFR	NFR	NFR
		MFR	MFR	MFR	M	M
		W	W	W	MFR	MFR
		WFR	WFR	WFR	WFR	W
		VW	VW	VW	VW	WFR
		VWFR	VWFR	VWFR	VWFR	VWFR
			NFR 25°	MFR 40°	WFR 60°	VWFR 80°
			N	N	N	N
			NR	NR	NR	NR
			M	NFR	NFR	NFR
			MFR	M	M	M
			W	W	MFR	MFR
			WFR	WFR	W	W
			VW	VW	VW	WFR
			VWFR	VWFR	VWFR	VW

lumenpulse™ | 1220 Marie-Victorin Blvd., Longueuil, QC, J4G 2H9, CAN | T 514.937.3003 | 1.877.937.3003 | info@lumenpulse.com
www.lumenpulse.com | www.lumenpulse.com/products/5404

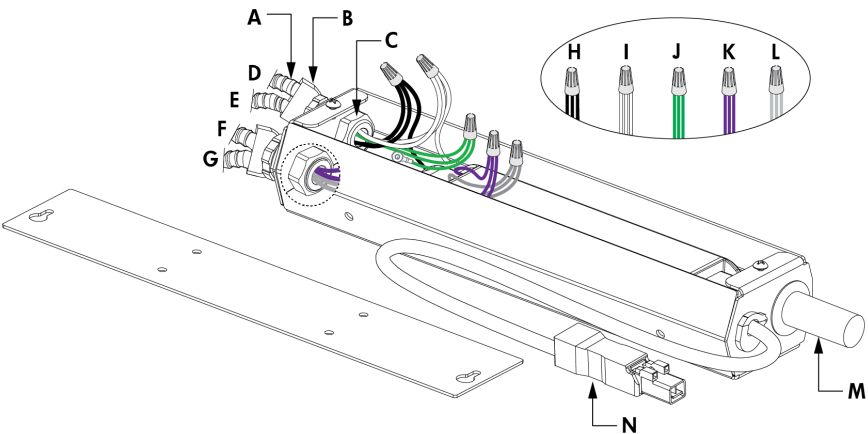
Wiring Details RM: Remodel Non-Insulated Ceiling (Non-Plenum Rated)

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

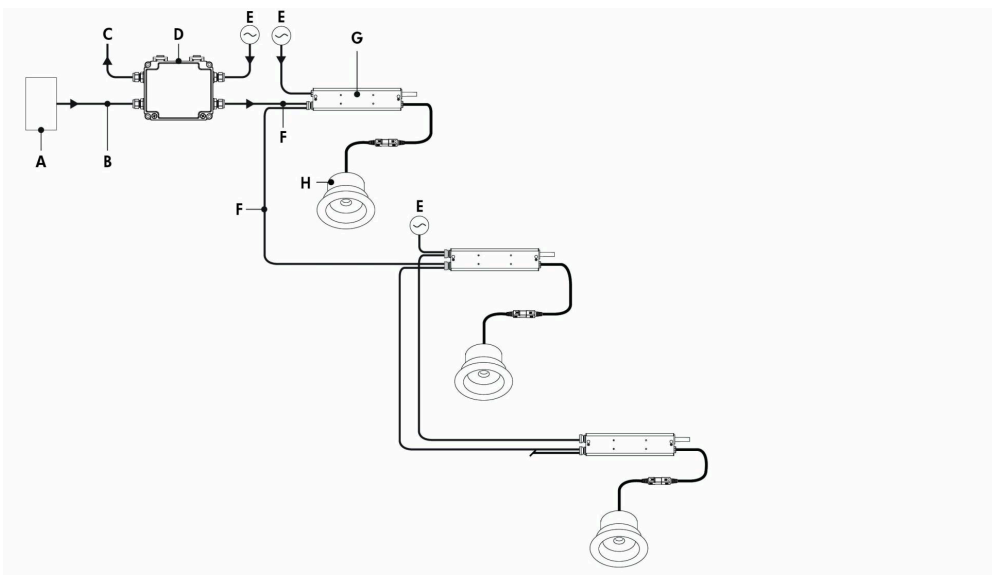


- A - Conduit (by others)
- B - Duplex connector (by others)
- C - Locknut (by others)
- D - Power Output to next luminaire
- E - Power input
- F - Data Output to next luminaire
- G - Data Input from Control System
- H - Line
- I - Neutral
- J - Ground
- K - Data +
- L - Data -
- M - Thermal protector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

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

Typical Wiring Diagrams

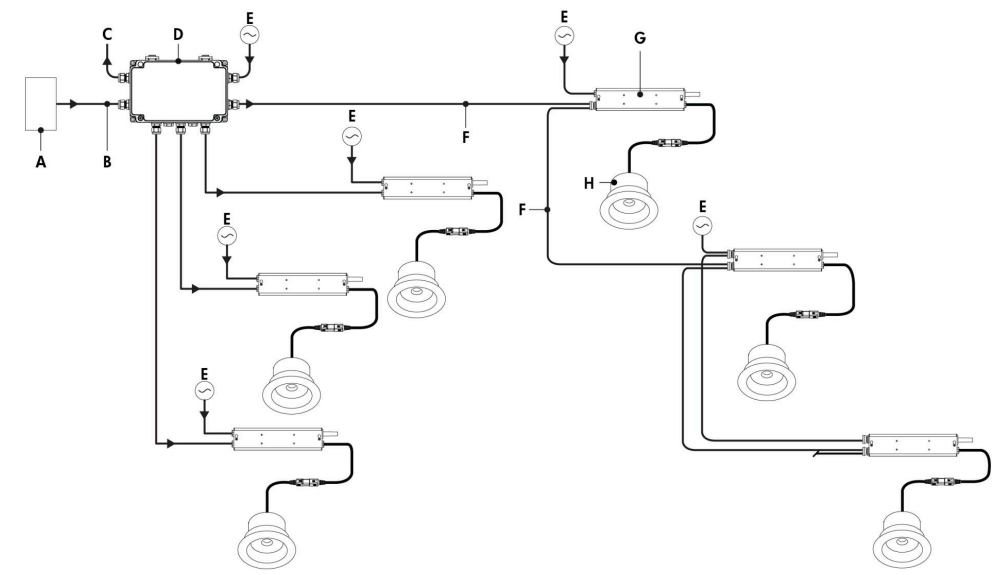
Daisy Chain Layout (DMX/RDM)



- 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.

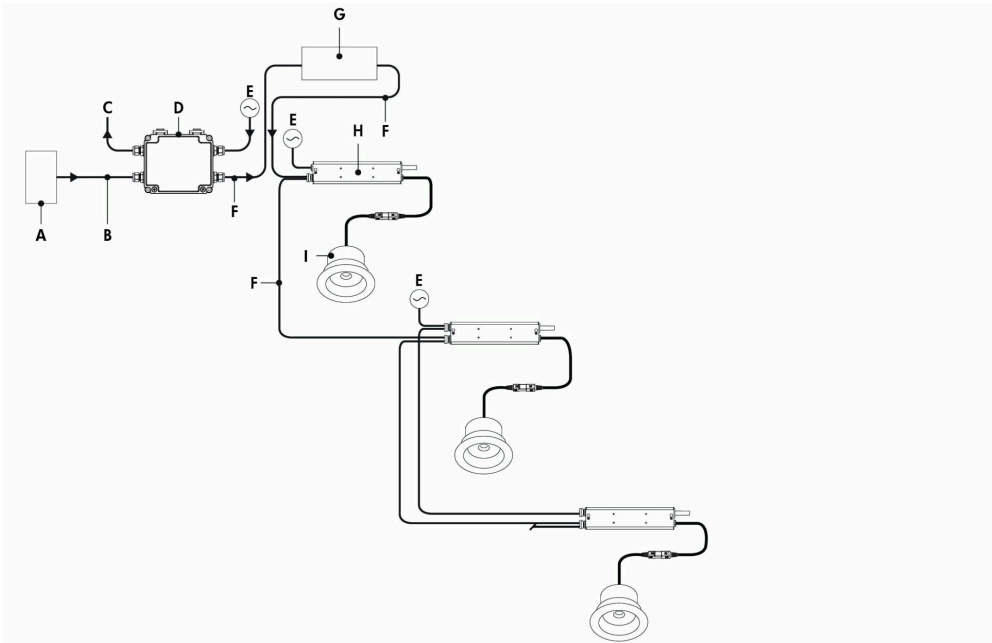
Star Layout (DMX/RDM)



- 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.

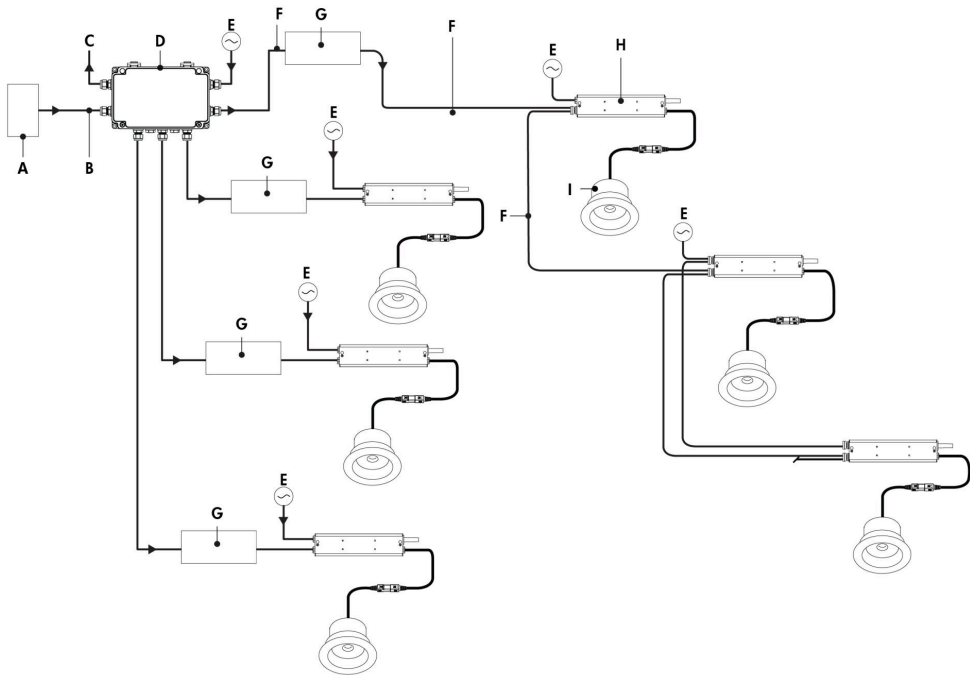
Maximum of 4 DMX/RDM repeaters/CBX cascading in line.

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.

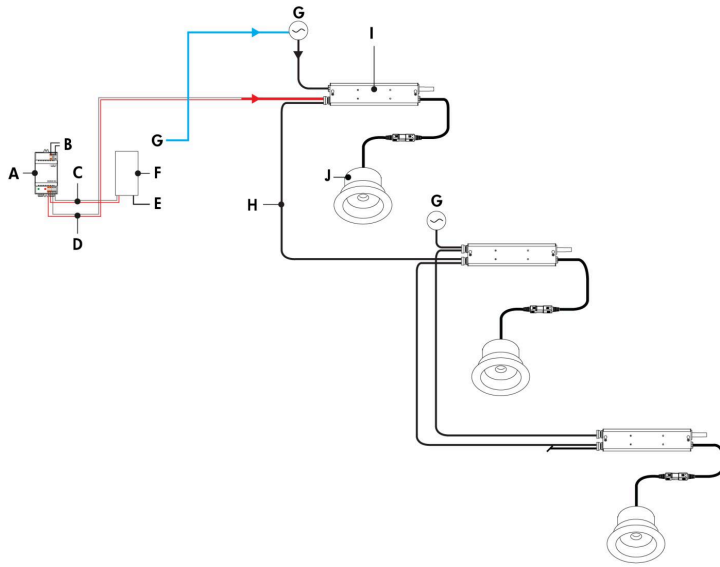
Maximum of 4 DMX/RDM repeaters/CBX cascading in line.

Maximum of 6 outputs per CBX-ST.

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

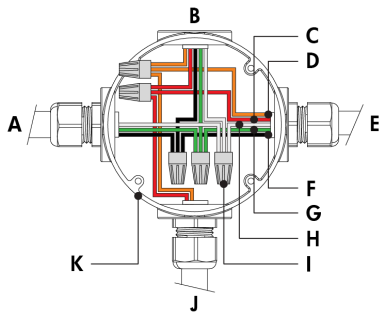
DMX terminator is required at the end of each run to maintain data integrity. Six (6x) DMX lumenterminators included per CBX-ST. See installation instructions for details.

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** - Luminaire Recessed fixture

DALI 2 T8 (DALIT8) - Wiring Detail

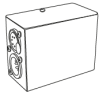


- A** - Power input or from previous fixture
- B** - To fixture
- C** - DA +
- D** - DA -
- E** - To next fixture
- F** - Line
- G** - Ground
- H** - Neutral
- I** - Wire-nut (by others)
- J** - From DALI controller (by others)
- K** - Junction box (by others)

- 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 ⁽⁴⁾	Color Rendering	Optics (Nominal Distribution)
LCRS Lumencore Recessed Small - 4 in	A UL/cUL CE CE Compliant	SH Shower ⁽²⁾ ⁽³⁾	120 120 Volts 277 277 Volts	R Round	L07 700 lm L10 1000 lm L13 1300 lm ⁽⁴⁾ L20 2000 lm ⁽⁵⁾	MRGBWP Opticolor+® Mix-at-Source Red, Green, Blue Plus White Settable Range 22K to 65K ⁽⁷⁾ ⁽⁸⁾ MRGROYWP Opticolor+® Mix-at-Source Red, Green, Royal Blue Plus White Settable Range 22K to 65K ⁽⁸⁾ ⁽⁹⁾	90 CRI 90+ (White Light Only) ⁽⁷⁾	NS Narrow Spot Distribution 15° ⁽¹⁰⁾ N Narrow Distribution 25° ⁽¹¹⁾ NR Narrow Reflector 25° NFR 25° Faceted Reflector M Medium 40° MFR 40° Faceted Reflector W Wide 60° WFR 60° Faceted Reflector VW 80° Reflector VWFR 80° Faceted Reflector

Notes:

1. Refer to website product configurator for all exceptions.

2. IP55 rated, suitable for "Dead Front" shower rated locations.

3. Also suitable for IP54 applications. IP55 rated product can be used for interior ceiling mounted or exterior canopy-mounted applications. Consult factory and check all local codes and thermal conditions for proper specification.

4. Available for N, NR, NFR, M, MFR, W, WFR, VW and VWFR optics only.

5. Available for NR, NFR, M, MFR, W, WFR, VW and VWFR optics only.

6. White Channel Set Point or Warm Dimming Range is adjustable at commissioning. Consult Opticolor+ Personality Guide for details.
7. CRI 90 applies only to white light color temperatures from 2700K to 5000K.

8. 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.

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

10. Available up to 1000 lumens.

11. Available up to 1300 lumens.

How to Order

Control	Decorative Bezel	Decorative Bezel Finish	Installation Type	Ceiling Thickness ⁽²⁰⁾	Accessories ⁽²¹⁾
DMX/RDM DMX/RDM Enabled Dimming 0.1% ⁽¹²⁾ ⁽¹³⁾ ⁽¹⁴⁾ ⁽¹⁵⁾ DALI8 DALI 2 T8 Enabled Dimming 0.1% ⁽¹⁶⁾	DR Deep Rollover	MWH Matte White MBK Matte Black	RM Remodel Non-Insulated Ceiling (Non-Plenum Rated) ⁽¹⁷⁾ ⁽¹⁸⁾ ⁽¹⁹⁾ NC New Construction Non- Insulated Ceiling (Non-Plenum Rated) ⁽¹⁷⁾ ⁽¹⁸⁾ ⁽¹⁹⁾ PC Plenum Non-Insulated Ceiling (Enclosed Box) ⁽¹⁰⁾ IC New Construction Insulated Ceiling (Enclosed Box) ⁽¹⁰⁾ IC/AT New Construction Insulated Ceiling (Chicago Plenum/airtight, enclosed box) ⁽¹⁰⁾	1 0.04 in to 1 in Ceiling Thickness 2 1.05 in to 2 in Ceiling Thickness	NA No Accessory HL Honeycomb Louver SL Softening Glass Lens PD Prismatic Diffuser LSN Linear Spread Lens Narrow (1° x 40°) ⁽²²⁾ LSW Linear Spread Lens Wide (1° x 60°) ⁽²³⁾ BW1 Beam Widening Lens (+10°) BW2 Beam Widening Lens (+20°) BW3 Beam Widening Lens (+30°)

Notes:

- 10.** Available up to 1000 lumens.

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

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

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

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

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

17. Available up to 1000 lumens when combined with NS optic.

18. Available up to 1300 lumens when combined with N optic.

19. Available up to 2000 lumens when combined with NR, NFR, M, MFR, W, WFR, VW and VWFR optics.
- 20.** Ceiling springs are field changeable, consult factory and installation instructions for details.

21. The silicone-sealed glass lens is always installed by the factory, not field changeable. Maximum one additional accessory per fixture.

22. Recommended for XN, VN, NS, N, NR and NFR optics when combined with 2200K, 2700K, 3000K, 3500K, 4000K color temperature options. Nominal 10° x 40° distribution when used with the NS optic. Available for NFR optic when combined with DTW, DTWP, DWH, DWW or DWWP color options only.

23. Recommended for XN, VN, NS, N, NR and NFR optics when combined with 2200K, 2700K, 3000K, 3500K, 4000K color temperature options. Nominal 10° x 60° distribution when used with the NS optic. Available for NFR optic when combined with DTW, DTWP, DWH, DWW or DWWP color options only.