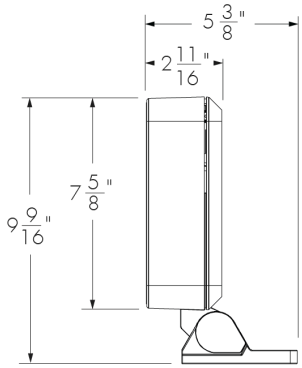
Project Name _____ **Qty** _____

Type _____ **Catalog / Part Number** _____

Front View



Side View

Photometric Summary (Discrete RGB)

Symmetric

	Delivered output (lm)	Intensity (peak cd)
VN (6°)	734	35,285
NS (10°)	706	24,627
NF (20°)	646	5,477
M (30°)	619	2,859
FL (40°)	601	1,704
WFL (60°)	488	396
VWFL (90°)		

Asymmetric

NAS	659	10,507 (@2.5°)
WW	605	2,681 (@5°)

1. Based on RGB full output.
2. Photometric performance is measured in compliance with IESNA LM-79-24.
3. Refer to the Lumenquad Color Changing Photometric Guide on Lumenpulse website for information on other color temperatures.

Photometric Summary (Opticolor+ MRGBWP)

Symmetric

	Delivered output (lm)	Intensity (peak cd)
NS (10°)	678	11,925
NF (20°)	628	4,070
M (30°)	613	2,313
FL (40°)	635	1,679
WFL (60°)	602	609
VWFL(90°)	557	284

1. Based on MRGBWP full output, white set to 3000K.
2. Photometric performance is measured in compliance with IESNA LM-79-24.
3. Refer to the Lumenquad Color Changing Photometric Guide on Lumenpulse website for information on other color temperatures.

Description

The Lumenquad Small Color Changing has a sleek 2 11/16 in profile with no visible wiring or hardware and seamlessly integrates with any architecture while also applying dynamic colour. Lumenpulse's latest generation of LED boards possess an optimised candela and lumens recipe for both Narrow and Wide optics. The Lumenquad Small Color Changing is the epitome of versatility and can be configured with numerous optical, color mixing choices, mounting options, accessories, controls, and multiple standard finishes.

Features

Colors and Color Temperature (Discrete)	**RGB:** Discrete Red, Green, Blue
Colors and Color Temperature (Opticolor™)	**MRGBA:** Opticolor™ Mix-at-Source Red, Green, Blue, PC Amber
Colors and Color Temperature (Opticolor+™)	**MRGBWP:** Opticolor+™ Mix-at-Source Red, Green, Blue Plus White Settable Range 24K to 65K **MRGBWP Typical Color Rendering:** 2700K-5000K: 90+ CRI 2500K-6500K: 80+ CRI **MRGRBWP:** Opticolor+™ Mix-at-Source Red, Green, Royal Blue Plus White Settable Range 24K to 65K
Optics (Nominal Distribution)	**VN:** VN (6°) **NS:** NS (10°) **NF:** NF (20°) **M:** M (30°) **FL:** FL (40°) **WFL:** WFL (60°) **VWFL:** VWFL (90°) **NAS:** NAS (Narrow Asymmetric) **WW:** WW (Asymmetric Wallwash)

Photometric Summary (Opticolor MRGBA)

[1] Based on MRGBA full output.

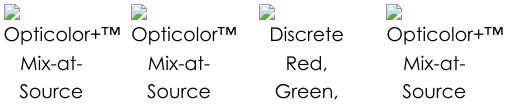
[2] Photometric performance is measured in compliance with IESNA LM-79-24.

[3] Refer to the Lumenquad Color Changing Photometric Guide on Lumenpulse website for information on other color temperatures.

Optic

Very Narrow 6° | Narrow Spot 10° | Narrow Flood 20° | Medium 30° | Flood 40° | Wide Flood 60° | Very Wide Flood 90° | Narrow Asymmetric | Asymmetric Wallwash

Color and Color Temperature



Opticolor+™ Mix-at-Source Red, Green, Blue Plus White Settable Range 24K to 65K

Opticolor™ Mix-at-Source Red, Green, Blue, PC Amber

Discrete Red, Green, Blue

Opticolor+™ Mix-at-Source Red, Green, Royal Blue Plus White Settable Range 24K to 65K

Control

Ratings

IP66 IK10

Certifications

Mounting Options	**SM:** Surface Mount **WM:** Wall Mount Bracket with Decorative Cover **WMNC:** Wall Mount Bracket without Decorative Cover **RJBOX:** Recessed JBOX Wall Mount with Decorative Cover **RJBOXNC:** Recessed JBOX Wall Mount Without Decorative Cover **PM:** Pole Mount **TN:** Tenon Mount **SK:** Stake Mount **STM:** Stud mount
Optical Options (Factory Installed)	**LSLV:** Linear Spread Lens Vertical Distribution **LSLH:** Linear Spread Lens Horizontal Distribution **HL:** Honeycomb Louver
Option	**CRC:** Corrosion-Resistant Coating for Hostile Environments
Power Consumption	14 W (RGB), 16 W (MRGBA, MRGBWP and MRGRBWP)
Warranty	5-year limited warranty

Performance

Maximum Delivered Output (Discrete)	734 lm (RGB full output, VN 6°, DMX/RDM)
Maximum Delivered Output (Opticolor)	668 lm (MRGBA full output, NS 10°, DMX/RDM)
Maximum Delivered Output (Opticolor+)	678 lm (MRGBWP full output, NS 10°, DMX/RDM)
Maximum Delivered Intensity (Discrete)	35,285 cd at nadir (RGB full output, VN 6°, DMX/RDM)
Maximum Delivered Intensity (Opticolor)	11,746 cd at nadir (MRGBA full output, NS 10°, DMX/RDM)
Maximum Delivered Intensity (Opticolor+)	11,925 cd at nadir (MRGBWP full output, NS 10°, DMX/RDM)
Illuminance at Distance (Discrete)	Minimum 1 fc at 189 ft (RGB full output, VN 6°, DMX/RDM)
Illuminance at Distance (Opticolor)	Minimum 1 fc at 108 ft (MRGBA full output, NS 10°, DMX/RDM)
Illuminance at Distance (Opticolor+)	Minimum 1 fc at 109 ft (MRGBWP full output, NS 10°, DMX/RDM)
Illuminance at Distance (Opticolor™)	Minimum 1 fc at 90 ft (MRGBW30K full output, NS 10°, DMX/RDM) Minimum 1 fc at 91 ft (MRGBW40K full output, NS 10°, DMX/RDM) Minimum 1 fc at 85 ft (MRGBA full output, NS 10°, DMX/RDM)
Lumen Maintenance	L70 (15K) > 90,000 hrs Ta 25 °C (TM-21 reported) L70 > 150,000 hrs Ta 25 °C (projected)* L90 (15K) = 55,400 hrs Ta 25 °C (TM-21 reported) L90 = 55,400 hrs Ta 25 °C (projected)* *Estimated based on in-situ case temperature and LM-80 report

Physical

Housing Material	Low copper content high pressure die-cast aluminum
Lens Material	Clear tempered glass
Hardware Material	Stainless steel

Gasket Material	Silicone
Surface Finish	Electrostatically applied polyester powder coat
Weight	6.65 lbs
EPA	Front = 0.43 ft², Side = 0.21 ft², Front 45°= 0.41 ft²

Electrical and Control

Voltage	120-277 Volts
Fixture Cable	Power and data in one cable
Conductors	3C #16-3 (LT control for MRGBA, MRGBWP and MRGRBWP) 5C #16-5 (DALIT8 control) 6C #14-3/ #24-3 (DMX/RDM control)
Control	DMX/RDM Enabled DALI 2 T8 Enabled Dimming 0.1% Lumentalk For RGB applications, Lumentalk system is enabled with LDB accessory - see typical wiring diagrams for details
Resolution (DMX/RDM)	Per fixture, 8-bit or 16-bit, 3 channels (RGB) or 4 channels (MRGBA, MRGBWP and MRGRBWP)

Environmental

Storage Temperature	-40 °F to 158 °F (device must reach start-up temperature value before operating)
Start-up Temperature	-13 °F to 122 °F
Operating Temperature	-40 °F to 122 °F
Ingress Protection Rating	IP66 Wet location rated
Impact Resistance Rating	IK10
Application Wind Speed	Luminaires were designed based on AASHTO 2013 standard to ensure highest quality and safety. Installation should be validated by a local project engineer to ensure the luminaires are suitable for the wind speed and exposure of the specific application

Accessories (Order Separately)

Optical Accessories	Snoot, Visor, Linear Spread Lens Adjustable, Wire Guard
Control Boxes	DMX/RDM enabled (Daisy Chain or Star Configuration), Ethernet enabled (Daisy Chain or Star Configuration), Lumentalk Data Bridge
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.

Color Point Information

MRGBWP

Dominant Wavelength and Chromaticity

Values measured from Steady State Full on Optidrive @ 25°C ambient conditions.

Mounting Options

SM - Surface Mount

SM - Mounting Hole Pattern

The SM mounting option cannot be interchanged with any other mounting option. All others mountings are interchangeable. Consult factory for details.

WM - Wall Mount Bracket with Decorative Cover

WMNC - Wall Mount Bracket Without Decorative Cover

WAM - Wall Mount Bracket With Decorative Cover 6 in, 12 in, 18 in or 24 in

A cable length of 10 ft or greater must be specified for the WAM24 mounting option.

WAMNC - Wall Mount Bracket Without Decorative Cover 6 in, 12 in, 18 in or 24 in

A cable length of 10 ft or greater must be specified for the WAM24 mounting option.

WMRJB - Recessed JBOX Wall Mount With Decorative Cover

Fixture cable length is determined by Lumenpulse.

WMRJBNC - Recessed JBOX Wall Mount Without Decorative Cover

Fixture cable length is determined by Lumenpulse.

WAMRJB - Recessed JBOX Wall Arm Mount With Decorative Cover 6 in, 12 in, 18 in or 24 in

WAMRJBNC - Recessed JBOX Wall Arm Mount Without Decorative Cover 6 in, 12 in, 18 in or 24 in

Wall Mount Horizontal Pivot Limits

WM, WAM, WMRJB and WAMRJB - Mounting Hole Pattern

WMNC, WAMNC, WMRJBNC and WAMRJBNC - Mounting Hole Pattern

RPM4/1, RPM4.5/1, RPM5/1 - Round Pole Mount

Consult factory for other pole diameters.
Hardware included with accessory.

RPM4/2, RPM4.5/2, RPM5/2 - Round Pole Mount For Two Fixtures

	RPM4/2	RPM4.5/2	RPM5/2
For pole Ø	$4" \pm \frac{1"}{16}$	$4.5" \pm \frac{1"}{16}$	$5" \pm \frac{1"}{16}$
Bolt length	$5\frac{3"}{4}$	$6\frac{1"}{4}$	7"

Consult factory for other pole diameters.
Hardware included with accessory.

Round Pole Mount Horizontal Pivot Limits

PLTU - Universal Yoke

Refer to the Universal Yoke specification sheet and Pole nstallation instructions for more details. Square Lumentech profile shown.

TN2 - Tenon Adapter For 2 3/8 in O.D. Pole

Vertical mounting only. Consult factory for horizontal mounting.

All mounting options (except for SM mounting) are interchangeable. Consult factory for details.

TN4 - Tenon Adapter For 4 in O.D. Pole

Vertical mounting only. Consult factory for horizontal mounting.

SK - Stake Mount

All mounting options (except for SM mounting) are interchangeable. Consult factory for details.

STM - Stud Mount

Vertical or horizontal mounting

All mounting options (except for SM mounting) are interchangeable. Consult factory for details.

Optical Options – Discrete

LSLH - Linear Spread Lens Horizontal Distribution
LSLV - Linear Spread Lens Vertical Distribution

Factory installed, not adjustable on site. Not available for WFL, VWFL, NAS and WW optics.

See 'Optical Accessories' section for field adjustable spread lens (LSLA).

LLF: 0.88*
*LLF may vary slightly by distribution chosen.

HL - Honeycomb Louver

Factory installed, not adjustable on site. HL not available for WFL, VWFL, NAS and WW optics.

The addition of a honeycomb louver will affect beam distribution. Consult factory for application support.

LLF: 0.90*
*LLF may vary slightly by distribution chosen.

Optical Options - Opticolor™ and Opticolor+

LSLH - Linear Spread Lens Horizontal Distribution
LSLV - Linear Spread Lens Vertical Distribution

Factory installed, not adjustable on site. Not available for WFL, VWFL, NAS and WW optics.

See 'Optical Accessories' section for field adjustable spread lens (LSLA).

LLF: 0.88*
*LLF may vary slightly by distribution chosen.

Optical Accessories (Factory Installed, Order Separately)

Installed optical accessories will affect the maximum pivot limits for each mounting option, consult factory for details.

SN - Snoot

LQSSN-**FINISH**-BK-**OPTIONS** (CRC)
Interior surface painted black. Please specify the exterior **FINISH** from the list of finishes in the fixture order code.

VS - Visor

LQSVS-**FINISH**-BK-**OPTIONS** (CRC)
Interior surface painted black. Please specify the exterior **FINISH** from the list of finishes in the fixture order code.

The Visor is not recommended for the WW optic.

LSLA - Linear Spread Lens Adjustable

LQSLSLA-**FINISH-OPTIONS** (CRC)
Please specify the exterior **FINISH** from the list of finishes in the fixture order code.

WG - Wire Guard

LQSWG-**FINISH-OPTIONS** (CRC)
Please specify the exterior **FINISH** from the list of finishes in the fixture order code.

Accessory Combinations

Accessory combinations must be ordered together on a single line. Ex: A snoot + wire guard combination order code is LQSSNWG-BK-BK. A maximum of two accessories can be combined per fixture.

Diffuser Lenses (Intended for Mockup Purposes Only, Order Separately)

Diffuser Lens 1 (1 Notch)

147695

Diffuser Lens 2 (2 Notches)

147696

Diffuser Lens 3 (3 Notches)

147697

Diffuser Lens 4 (4 Notches)

147698

Diffuser Lens 5 (5 Notches)

147699

Diffuser Lens 6 (6 Notches)

147700

Final Distribution Using Diffuser Lenses

Choose a diffuser lens based on the desired final beam distribution. Refer to the 6-digit part numbers above to order diffuser lenses individually. To order a complete set of 6 diffuser lenses in a bag, refer to the following item names: **LQS:** LQALK-S **LQM:** LQALK-M **LQL**: LQALK-L **LQG:** LQALK-G

The diffuser lenses are intended for mockup purposes only. A lens holder is required to install a diffuser lens on the fixture, order separately using the following names: **LQS:** LQSLSLA-**FINISH**-LQALK **LQM:** LQMLSLA-**FINISH**-LQALK **LQL:** LQLLSLA-**FINISH**-LQALK **LQG:** LQGLSLA-**FINISH**-LQALK

Please specify the exterior **FINISH** from the list of finishes in the fixture order code.
Refer to the Diffuser Lens Installation Instructions on the Lumenpulse website for information on installing the diffuser lenses.

Control Boxes (Order Separately)

CBX-DMX/RDM - DMX/RDM Enabled (Daisy Chain or Star Configuration)

DMX/RDM control box. Up to six power and data outputs to fixtures or fixture runs. Consult CBX specification sheet and installation instructions for details. Lumenterminators provided with CBX (2x for Daisy Chain configuration, 6x for Star configuration), consult factory to order spares.

CBX-ENET - Ethernet Enabled (Daisy Chain or Star Configuration)

Ethernet control box. Up to four power and data outputs to fixture or fixture runs. Consult Ethernet CBX specification sheet and installation instructions for details.

LDB - Lumentalk Data Bridge

Lumentalk Data Bridge, 0-10V or DMX output. Consult LDB specification sheet for details.

Control Systems (Order Separately)

PHAROS - Pharos® Designer Lighting Control Kit

The Pharos Designer Lighting Contol 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 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.

EPA Guide

*Mounting arm only. Fixture EPA calculation must also be considered.

Typical Wiring Diagrams

Wiring Color Code

Lumentalk (LT) RGB

A - Power input (120-277V AC, wiring by others)
B - DMX/RDM controller (order separately from Lumenpulse, or by others)
C - Data wiring (by others)
D - Lumentranslator 2 (LTL2-DMX)
E - Power wiring (by others)
F - Lumentalk Data Bridge (LDB-DMX)
G - Junction box (by others)
H - Power and data wiring (by others)
I - Lumenquad Small

Lumentalk (LT) - Wiring Detail Using LDB

A - From Lumentalk Data Bridge (control over power line via Lumentalk system) or from previous fixture
B - To fixture
C - 0-10 V + / Data +
D - 0-10 V - / Data -
E - To next fixture
F - Line
G - Ground
H - Line/Neutral
I - Wire-nut (by others)
J - Junction box (by others)

- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- Lumentalk Data Bridge required for Lumentalk system, see LDB installation instructions for details. Fixtures must be specified as DMX/RDM and the Lumentalk Data Bridge must be specified as DMX. 2-step commissioning process: 1 - DMX/RDM system using LumenID software and a LID, 2 - Lumentalk system using LumentalkID software and a LID. Consult factory for details.
- Maximum of 32 fixtures per LDB-DMX. Consult factory for details.
- 1 DMX controller per Lumentalk network, maximum of 48 DMX channels per Lumentalk network (minimum step transition update rate is 1 second, minimum fade time between two colors is 1 minute). Consult factory for applications that require additional capabilities.
- Maximum of 1 transmitter (Lumentranslator or Lumenlink) per system.
- No third party fixtures allowed on the same circuit.
- 14 watts per fixture (RGB).

Lumentalk (LT) MRGBA-MRGBWP-MRGRBWP

A - DMX/RDM controller (order separately from Lumenpulse, or by others)
B - Lumentranslator 2 (LTL2-DMX)
C - Data wiring (by others)
D - Power line (100-277V, wiring by others)
E - Junction box (by others)
F - Power wiring (by others)
G - Lumenquad Small

Lumentalk (LT) - Wiring Detail

A - Power input (control over power line via Lumentalk system) or from previous fixture
B - To fixture
C - To next fixture
D - Line
E - Ground
F - Line/Neutral
G - Wire-nut (by others)
H - Junction box (by others)

- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- Lumentalk enabled fixtures must be commissioned using LumentalkID software and a LID. Consult factory for details.
- 1 DMX controller per Lumentalk network, maximum of 48 DMX channels per Lumentalk network (minimum step transition update rate is 1 second, minimum fade time between two colors is 1 minute). Consult factory for applications that require additional capabilities.
- Maximum of 1 transmitter (Lumentranslator or Lumenlink) per system.
- No third party fixtures allowed on the same circuit.
- 16 watts per fixture (MRGBA, MRGBWP and MRGRBWP).

Star Layout (DMX/RDM)

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, wiring by others)
F - Power and data output to fixture (wiring by others)
G - Junction box (by others)
H - Lumenquad Small

Star Layout (DMX/RDM) - Wiring Detail

A - From CBX or previous fixture
B - Lumenterminator*
C - To fixture
D - Data -
E - Data +
F - Neutral
G - Ground
H - Line
I - Signal common
J - Wire-nuts (by others)
K - Junction box (by others)

Maximum Fixture Count

Based on 15A maximum, 16AWG cable, fixtures spaced 10 ft on center, first fixture 50 ft from CBX.

- Consult CBX installation instructions for additional wiring details.
- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- 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.
- RGB color mixture option requires 3 DMX addresses. MRGBA, MRGBWP and MRGRBWP color mixture options require 4 DMX addresses.
- 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.
- 14 watts per fixture (RGB), 16 watts per fixture (MRGBA, MRGBWP and MRGRBWP).

Daisy Chain Layout (DMX/RDM)

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, wiring by others)
F - Power and data output to fixture (wiring by others)
G - Junction box (by others)
H - Lumenquad Small
I - Power and data wiring (by others)

Maximum Fixture Count

Daisy Chain Layout (DMX/RDM) - Wiring Detail (First or Middle of Run)

A - From CBX or previous fixture
B - To fixture
C - Data -
D - Data +
E - To next fixture
F - Neutral
G - Line
H - Ground
I - Signal common
J - Wire-nuts (by others)
K - Junction box (by others)

Daisy Chain Layout (DMX/RDM) - Wiring Detail (End of Run)

A - From CBX or previous fixture
B - Lumenterminator*
C - To fixture
D - Data -
E - Data +
F - Neutral
G - Ground
H - Line
I - Signal common
J - Wire-nuts (by others)
K - Junction box (by others)

Based on 15A maximum, 16AWG cable, fixtures spaced 10 ft on center, first fixture 50 ft from CBX.

- Consult CBX installation instructions for additional wiring details.
- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- 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.
- Maximum of 3 ft cable length between fixture and next junction box for daisy chain layout.
- RGB color mixture option requires 3 DMX addresses. MRGBA, MRGBWP and MRGRBWP color mixture options require 4 DMX addresses.
- 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.
- 14 watts per fixture (RGB), 16 watts per fixture (MRGBA, MRGBWP and MRGRBWP).

DALI 2 T8 (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 (120-277V AC, wiring by others)
H - Power and data wiring (by others)
I - Junction box (by others)
J - Lumenquad Small

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 Lumenquad responds to RGBWAF for color controls and Tc for dim to warm and tunable white.
- Commissioning may be required based on the selection of 3rd party DALI controller. Controller and commissioning provided by others.
- 14 watts per fixture (RGB), 16 watts per fixture (MRGBA, MRGBWP and MRGRBWP).

How to Order

Housing	Voltage [2]	Color and Color Temperature	Optic	Optical Option [11]	Mounting Options [13]
LQS Lumenquad Small [1]	**120** 120 Volts **208** 208 Volts **220** 220 Volts **240** 240 Volts **277** 277 Volts	**MRGBWP** Opticolor+™ Mix-at-Source Red, Green, Blue Plus White Settable Range 24K to 65K [3] [4] [5] [6] [7] **MRGBA** Opticolor™ Mix-at-Source Red, Green, Blue, PC Amber [3] [4] **RGB** Discrete Red, Green, Blue **MRGRBWP** Opticolor+™ Mix-at-Source Red, Green, Royal Blue Plus White Settable Range 24K to 65K [3] [4] [5] [6] [7]	**VN** Very Narrow 6° [8] [9] **NS** Narrow Spot 10° [8] **NF** Narrow Flood 20° [8] **M** Medium 30°[8] **FL** Flood 40° [8] **WFL** Wide Flood 60° [8] **VWFL** Very Wide Flood 90° [8] [10] **NAS** Narrow Asymmetric [8] [9] **WW** Asymmetric Wallwash [8] [9]	**LSLH** Linear Spread Lens Horizontal Distribution [12] **LSLV** Linear Spread Lens Vertical Distribution [12] **HL** Honeycomb Louver [9] [12]	**SM** Surface Mount **WM** Wall Mount Bracket with Decorative Cover **WMNC** Wall Mount Bracket without Decorative Cover **WAM6** Wall Arm Mount 6 in with Decorative Cover **WAM6NC** Wall Arm Mount 6 in without Decorative Cover **WAM12** Wall Arm Mount 12 in with Decorative Cover **WAM12NC** Wall Arm Mount 12 in without Decorative Cover **WAM18** Wall Arm Mount 18 in with Decorative Cover **WAM18NC** Wall Arm Mount 18 in without Decorative Cover **WAM24** Wall Arm Mount 24 in with Decorative Cover [14] **WAM24NC** Wall Arm Mount 24 in without Decorative Cover [14] **WMRJB** Recessed JBOX Wall Mount with Decorative Cover **WMRJBNC** Recessed JBOX Wall Mount without Decorative Cover **WAMRJB6** Recessed JBOX Wall Arm Mount 6 in with Decorative Cover **WAMRJB6NC** Recessed JBOX Wall Arm Mount 6 in without Decorative Cover **WAMRJB12** Recessed JBOX Wall Arm Mount 12 in with Decorative Cover **WAMRJB12NC** Recessed JBOX Wall Arm Mount 12 in without Decorative Cover **WAMRJB18** Recessed JBOX Wall Arm Mount 18 in with Decorative Cover **WAMRJB18NC** Recessed JBOX Wall Arm Mount 18 in without Decorative Cover **WAMRJB24** Recessed JBOX Wall Arm Mount 24 in with Decorative Cover **WAMRJB24NC** Recessed JBOX Wall Arm Mount 24 in without Decorative Cover **RPM4/1** Round Pole Mount 4 in **RPM4.5/1** Round Pole Mount 4.5 in **RPM5/1** Round Pole Mount 5 in **RPM4/2** Round Pole Mount 4 in for two fixtures **RPM4.5/2** Round Pole Mount 4.5 in for two fixtures **RPM5/2** Round Pole Mount 5 in for two fixtures **PLTU** Lumentech Pole Mount [15] **TN2** Tenon Adapter for 2 3/8 in O.D. Pole **TN4** Tenon Adapter for 4 in O.D. Pole

					SK Stake Mount **STM** Stud mount [16]

Notes:

1. Consult factory for products that are BAA-approved (Buy America.n Act).
2. Consult factory for 100 volts.
3. Not available for VN, NAS and WW optics.
4. Consult factory for the availability of more color and CCT options (e.g. royal blue).
5. MRGBWP and MRGRBWP can be configured to MRGB via RDM, consult factory for more details.
6. Fixtures are shipped from the factory in Optidrive™ Mode. Normal Mode can be activated onsite for DMX/RDM and LT fixtures. For DMX/RDM applications, Optidrive Mode requires a LumenID, LumenID software and onsite commissioning. For LT applications, Optidrive Mode requires a LumenID, LumentalkID software and onsite commissioning. Additionally, with Opticolor+™ the white CCT is configurable in the field from 2200K-8000K.
7. Consult factory for DALI T8 applications with MRGBWP or MRGRBWP and a CCT other than 3000K.
8. Factory installed, not interchangeable on site.
9. Not available with MRGBA, MRGBWP and MRGRBWP color temperature options.
10. Available with MRGBA, MRGBWP and MRGRBWP color temperature options only.
11. Optical options are factory installed and cannot be changed in the field.
12. Not available with WFL, VWFL, NAS and WW optics.
13. All mounting options (except for SM mounting) are interchangeable. Consult factory for details.
14. A cable length of 10 ft or greater must be specified.
15. Available for Lumentech poles with a square or round profile. A PLTU - Universal Yoke accessory must be ordered with the Lumentech pole for the Lumentech to fit with the PLTU mounting option. Refer to Lumentech specification sheet and installation instructions for more details.
16. For thru-wall mounting.

How to Order

Finish	Control [20] [21]	Option	Certification	Cable Length [23] [28] [30]
BK Black Sandtex®	**LT** Lumentalk [10]	**CRC** Corrosion-Resistant Coating [25] [26]	**UL** UL Compliant	**3FT** 3 ft [23] [29]
BRZ Bronze Sandtex®	**DMX/RDM** DMX/RDM Enabled [22] [23]		**CE** CE Compliant [27]	**10FT** 10 ft
SI Silver Sandtex®	**DALIT8** DALI 2 T8 Enabled Dimming 0.1% [7] [24]			**20FT** 20 ft
WH Smooth White				**30FT** 30 ft
BKTX Textured Black				**50FT** 50 ft
BRZTX Textured Bronze Non-Metallic				**70FT** 70 ft
GRATX Textured Medium Gray				**100FT** 100 ft
GRNTX Textured Green				
WHTX Textured White				
CC Custom Color & Finish [17] [18] [19]				

Notes:

7. Consult factory for DALI T8 applications with MRGBWP or MRGRBWP and a CCT other than 3000K.
10. Available with MRGBA, MRGBWP and MRGRBWP color temperature options only.
17. Lumenpulse offers a wide selection of RAL CLASSIC (K7) colors with a smooth texture and high-gloss finish. Please consult factory for a list of available K7 colors, other RAL textures and glosses, or to match alternate color charts. Final color matching results may vary.
18. Longer lead times can be expected for custom RAL color finishes.
19. Setup charges apply for RAL colors. Consult factory for details.
20. For RGB applications, a Lumentalk system is enabled with LDB-DMX accessory, DMX/RDM must be specified in the order code. See the typical wiring diagrams in the specification sheet for details.
21. A Lumentranslator 2 (LTL2) and LumenID (LID) must be specified for Lumentalk applications. Consult Lumentranslator 2 and Lumentalk pages and specification sheets for details.
22. A control box (CBX) and LumenID (LID) must be specified.
23. Maximum of 3 ft cable length for daisy chain DMX applications with CBX-DS.
24. DALI 2 T8 controller required, provided by others. DALI2 T8 control uses a single DALI short address.
25. Use only when exposed to salt spray. This option is not required for normal outdoor exposure.
26. Setup charges apply. Consult factory for details.
27. Consult European specification sheet and installation instructions for CE wiring information.
28. Not applicable to WMRJB, WMRJBNC and WAMRJB 6 in to 24 in mounting options (with or without decorative cover). Cable lengths for these mounting options are determined by the length of the mounting bracket.
29. Not available with WAM24 or WAM24NC mounting options.
30. UL fixtures specified with a Smooth white finish and a SM, WM, WMNC, or WAM 6 in to 24 in mounting option (with or without decorative cover) are provided with a white cable. A black cable is provided for all other fixture configurations.