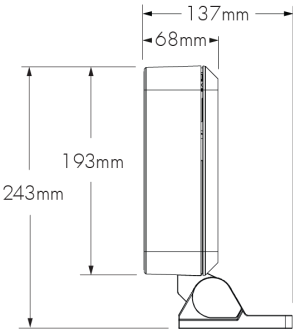


Project Name

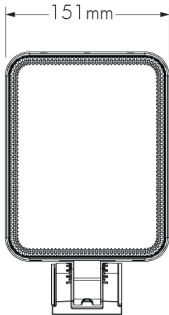
Qty

Type

Catalog / Part Number



Side view



Front view

Photometric Summary

Symmetric		
	Delivered output (lm)	Intensity (peak cd)
XN (3°)	1,342	186,978
VN (6°)	906	47,949
NS (10°)	1,419	20,764
NF (20°)	1,238	12,472
M (30°)	1,297	7,185
FL (40°)	1,163	2,960
WFL (60°)	977	762

Asymmetric		
	Delivered output (lm)	Intensity (peak cd)
NAS	947	14,011 (@2.5°)
WW	1,106	3,013 (@5°)

Roadway		Delivered output (lm)
2-Type II (ME2-ME6, CE)		911
3-Type III (ME2-ME6, CE)		987
4-Type IV (ME2-ME6, CE, S)		774
5S-Type VS (S)		923

Based on 4000K configuration.
Photometric performance is measured externally in compliance with IESNA LM-79-24.
Refer to LDT files for photometric information on distributions with backlight shield options (2BLS, 3BLS and 4BLS).

Description

The Lumenquad Small, 14W LED luminaire, has a sleek 68 mm profile with no visible wiring or hardware and seamlessly integrates with any architecture. Lumenpulse’s latest generation of LED boards possess an optimised candela and lumens recipe for both Narrow and Wide optics. The Lumenquad Small is the epitome of versatility and can be configured with numerous options including optics for wallwash, floodlighting, or street lighting, a choice of colour temperatures and colours, as well as various mounting options, accessories, controls, and multiple standard finishes.

Features

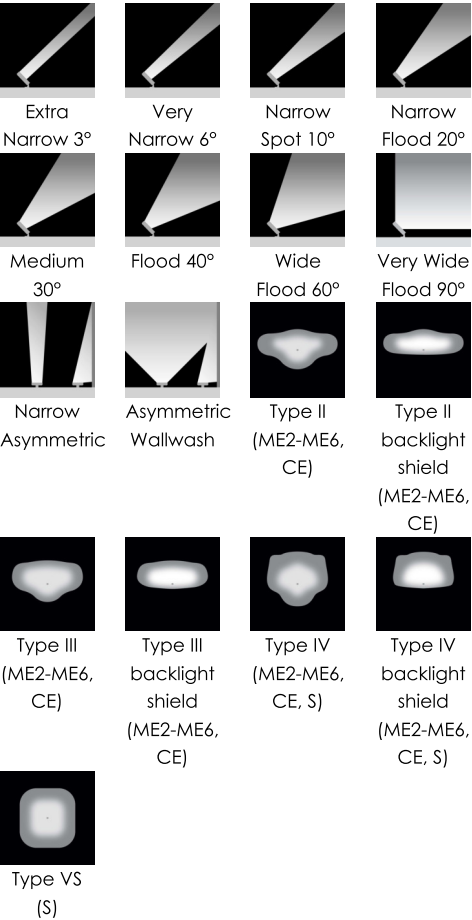
Colour and Colour Temperature	2200K, 2700K, 3000K, 3500K, 4000K, 5700K, Red, Green, Blue
Optics (Nominal Distribution)	XN (3°), VN (6°), NS (10°), NF (20°), M (30°), FL (40°), WFL (60°), VWFL (90°), NAS (Narrow Asymmetric), WW (Asymmetric Wallwash), Type II (ME2-ME6, CE), Type II backlight shield (ME2-ME6, CE), Type III (ME2-ME6, CE), Type III backlight shield (ME2-ME6, CE), Type IV (ME2-ME6, CE, S), Type IV backlight shield (ME2-ME6, CE, S), Type VS (S)
Mounting Options	Surface Mount Wall Mount Bracket with Decorative Cover Wall Mount Bracket without Decorative Cover Recessed JBOX Wall Mount with Decorative Cover Recessed JBOX Wall Mount Without Decorative Cover Pole Mount Tenon Mount Stake Mount Stud mount

Optical Options (Factory Installed)	Linear Spread Lens Horizontal Distribution, Linear Spread Lens Vertical Distribution, Honeycomb Louver
Option	Corrosion-Resistant Coating for Hostile Environments
Power Consumption	14W
Warranty	5-year limited warranty

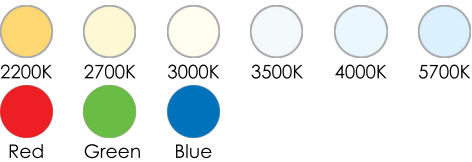
Performance

Maximum Delivered Output	1,419 lm (4000K, NS 10°)
Maximum Delivered Intensity	186,978 cd at nadir (4000K, XN 3°)

Optic



Colour and Colour Temperature



Control



Ratings

IP66 IK10

Certifications



Illuminance at Distance	Minimum 1 lx at 434 m (4000K, XN 3°)
Colour Consistency	3 SDCM
Colour Rendering	CRI 80+
Lumen Maintenance	L70 B50 > 250,000 hrs (Ta 25 °C) (> 80,000 hrs for XN 3°, VN 6°, NAS optics only) L80 B10 100,000 hrs (Ta 25 °C)

Physical

Housing Material	Low copper content high pressure die-cast aluminium
Lens Material	Clear tempered glass
Hardware Material	Stainless steel
Gasket Material	Silicone
Surface Finish	Electrostatically applied polyester powder coat
Weight	3.02 kg
EPA	Front = 0.04 m², Side = 0.02 m², Front 45°= 0.04 m²

Electrical and Control

Voltage	120-277 volts
Fixture Cable	Power and data in one cable
Conductors	3C: 3 x 1,5 mm² (NO control) 5C: 5 x 1,5 mm² (DIM, DALI control) 6C: 3 x 1,5 mm²/ 3 x 0,20 mm² (DMX/RDM control)
Inrush Current (Peak)	55A @230VAC
Control	On/Off Control, 1-10V Dimming, DALI Dimming, DMX/RDM Enabled, Lumentalk system is enabled with LDB accessory - see typical wiring diagrams for details

Resolution (DMX/RDM)	Per fixture, 8-bit or 16-bit
----------------------	------------------------------

Environmental

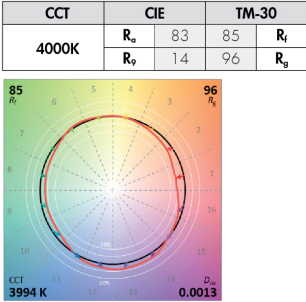
Storage Temperature	-40 °C to 70 °C (device must reach start-up temperature value before operating)
Start-up Temperature	-25 °C to 50 °C
Operating Temperature	-40 °C to 50 °C
Ingress Protection Rating	IP66
Impact Resistance Rating	IK10

Accessories (Order Separately)

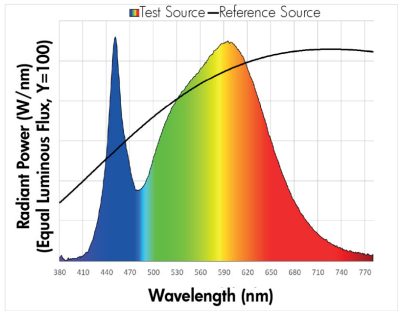
Optical Accessories	Snoot, Visor, Linear Spread Lens Adjustable, Wire Guard
Control Boxes	DMX/RDM enabled (Daisy Chain or Star Configuration), Ethernet enabled (Daisy Chain or Star Configuration), Lumentalk Data Bridge
Control Systems	Lumenscene™ (LSC), Pharos® Lighting Control Kit (PHAROS)
Diagnostic and Addressing Tools	LumenID (LID)

Chromaticity Data

TM-30 - 4000K

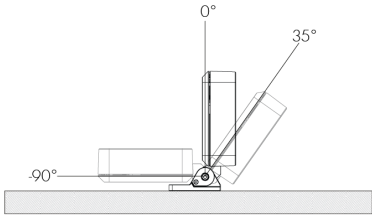


Spectral Power Distribution

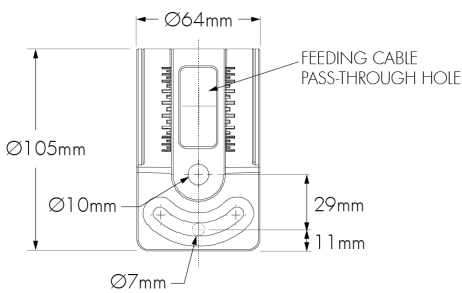


Mounting Options

SM - Surface Mount

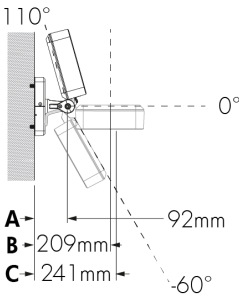


SM - Mounting Hole Pattern

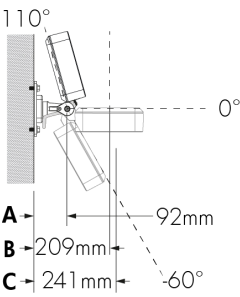


The SM mounting option cannot be interchanged with any other mounting option. All others mountings are interchangeable. Consult factory for details.

WM - Wall Mount Bracket with Decorative Cover

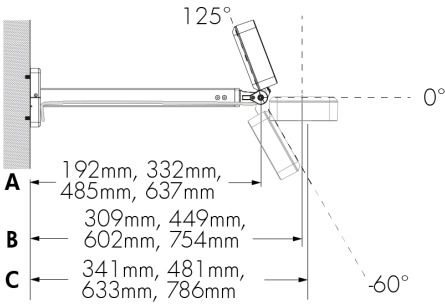


WMNC - Wall Mount Bracket Without Decorative Cover



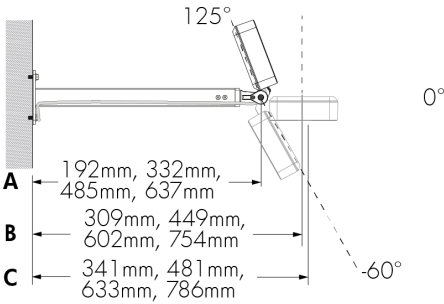
- A - Dimension from wall to pivot.
- B - Dimension from wall to the geometric center of the fixture.
- C - Dimension from wall to the center of the board.

WAM - Wall Mount Bracket With Decorative Cover
152 mm, 305 mm, 457 mm or 610 mm



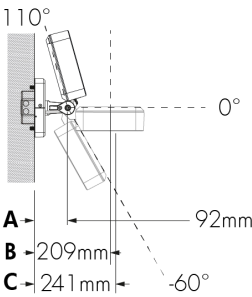
A cable length of 3 m or greater must be specified for the WAM24 mounting option.

WAMNC - Wall Mount Bracket Without Decorative Cover
152 mm, 305 mm, 457 mm or 610 mm



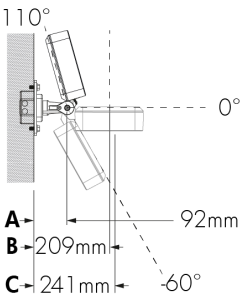
A cable length of 3 m or greater must be specified for the WAM24 mounting option.

WMRJB - Recessed JBOX Wall Mount With Decorative Cover



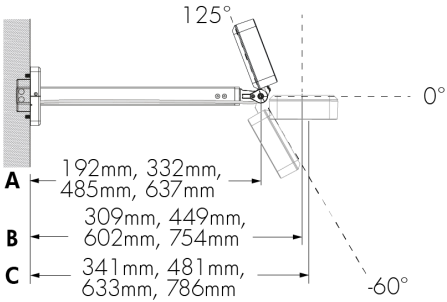
Fixture cable length is determined by Lumenpulse.

WMRJBNC - Recessed JBOX Wall Mount Without Decorative Cover

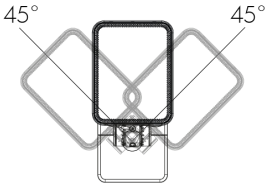


Fixture cable length is determined by Lumenpulse.

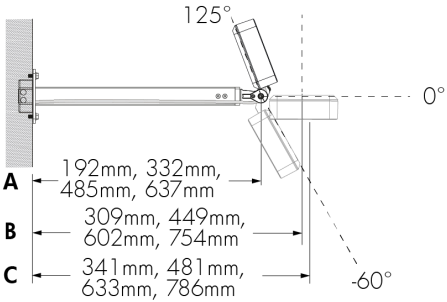
WAMRJB - Recessed JBOX Wall Arm Mount With
Decorative Cover 152 mm, 305 mm, 457 mm or
610 mm



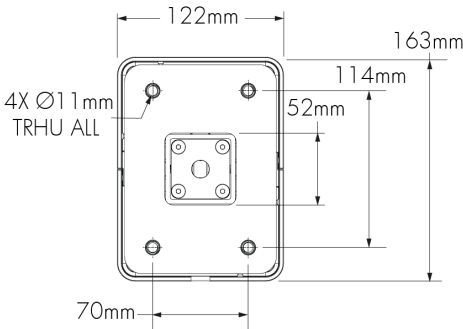
Wall Mount Horizontal Pivot Limits



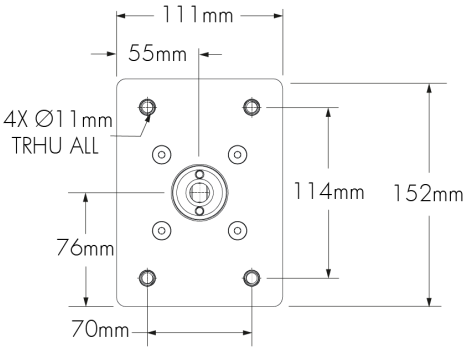
WAMRJBNC - Recessed JBOX Wall Arm Mount
Without Decorative Cover 152 mm, 305 mm,
457 mm or 610 mm



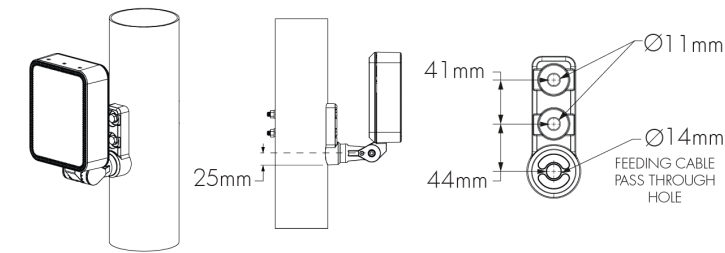
WM, WAM, WMRJB and WAMRJB - Mounting Hole
Pattern



WMNC, WAMNC, WMRJBNC and WAMRJBNC -
Mounting Hole Pattern



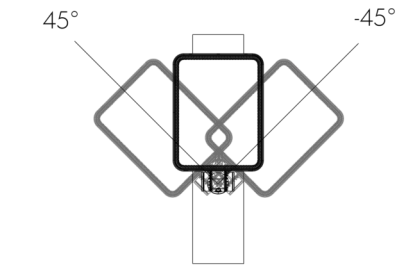
RPM4/1, RPM4.5/1, RPM5/1 - Round Pole Mount



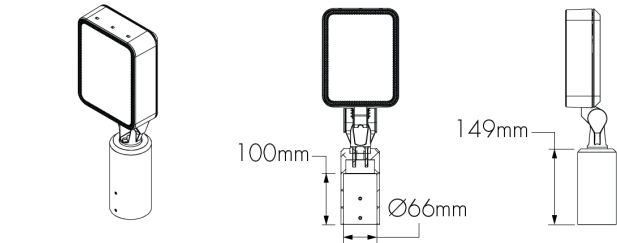
	RPM4/1	RPM4.5/1	RPM5/1
For pole Ø	101.6mm ± 1.6mm	114.3mm ± 1.6mm	127mm ± 1.6mm
Bolt length	133mm	146mm	159mm

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

Round Pole Mount Horizontal Pivot Limits

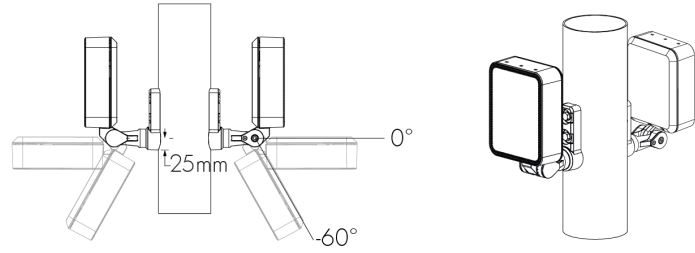


TN2 - Tenon Adapter For 60 mm O.D. Pole



Vertical mounting only. Consult factory for horizontal mounting.

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

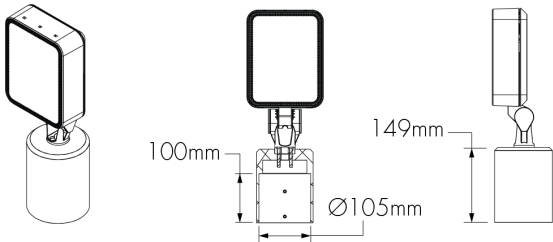


	RPM4/2	RPM4.5/2	RPM5/2
For pole Ø	101.6mm ± 1.6mm	114.3mm ± 1.6mm	127mm ± 1.6mm
Bolt length	146mm	159mm	178mm

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

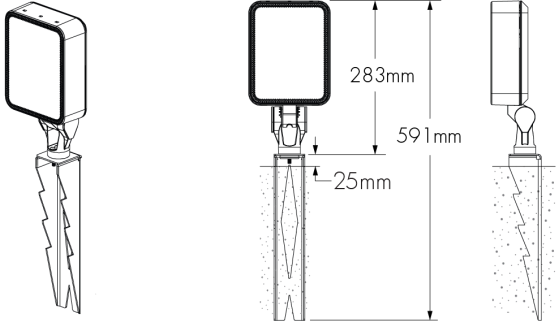
All mounting options (except for SM mounting) are interchangeable. Consult factory for details.

TN4 - Tenon Adapter For 102 mm O.D. Pole



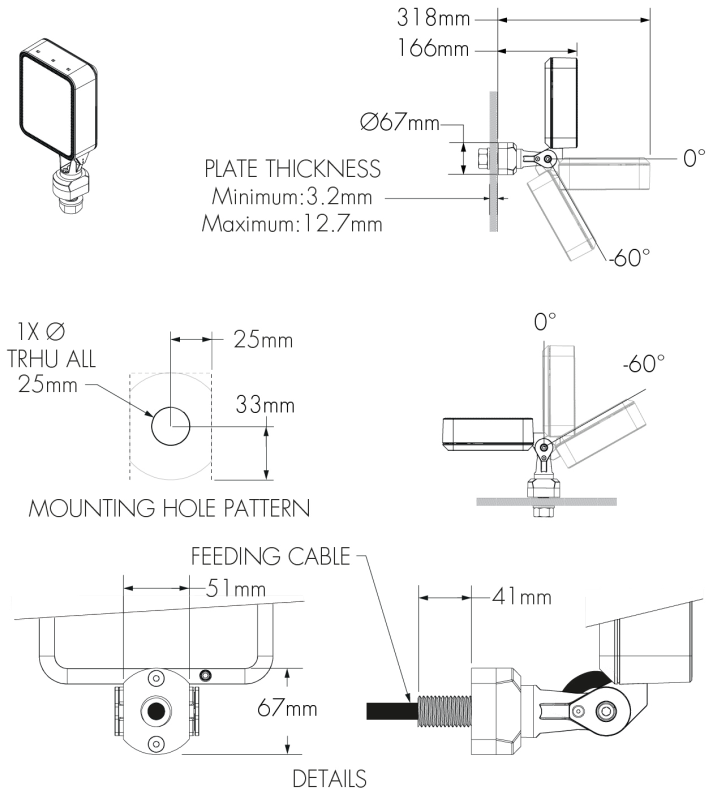
Vertical mounting only. Consult factory for horizontal mounting.

SK - Stake Mount



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

STM - Stud Mount

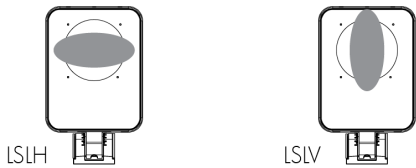


Vertical or horizontal mounting

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

Optical Options

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



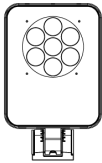
Factory installed, not adjustable on site. Not available for WFL, VWFL, NAS, WW, 2, 2BLS, 3, 3BLS, 4, 4BLS and 5S optics.

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

	Beam angle with LSLH/LSLV
XN	5° x 60°
VN	7° x 60°
NS	13° x 60°
NF	18° x 65°
M	25° x 66°
FL	35° x 70°

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, WW, 2, 2BLS, 3, 3BLS, 4, 4BLS and 5S optics.

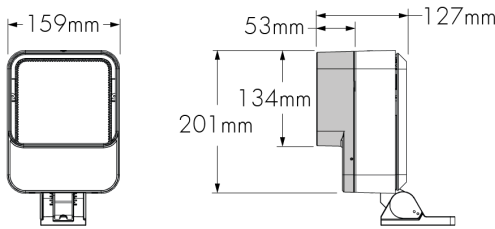
The addition of a honeycomb louvre will affect beam distribution. Consult factory for application support.

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

Optical Accessories (Factory Installed, Order Separately)

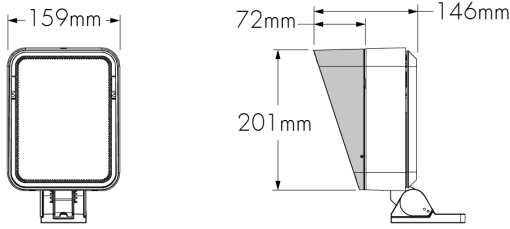
Installed optical accessories will affect the maximum pivot limits for each mounting option, consult factory for details.

SN - Snoot



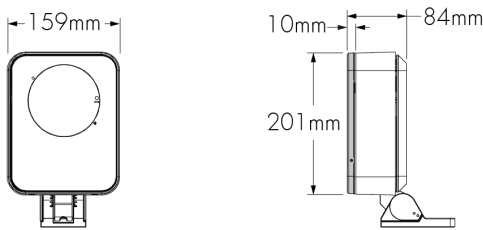
LQSSN-FINISH-BK-OPTIONS (CRC)
Interior surface painted black. Please specify the exterior **FINISH** from the list of finishes in the fixture order code.

VS - Visor



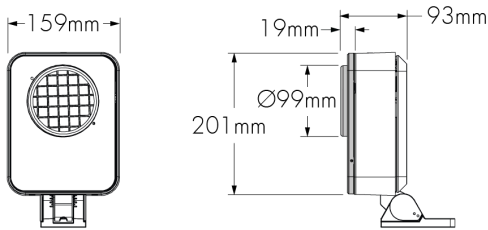
LQSVS-FINISH-BK-OPTIONS (CRC)
Interior surface painted black. Please specify the exterior **FINISH** from the list of finishes in the fixture order code.
The Visor is not recommended for the WW optic.

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.

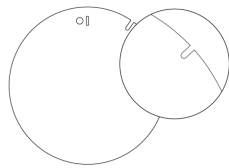
Accessory Combinations

	+	Snoot	Visor	Wire guard
Linear spread lens adjustable		YES	YES	NO
Wire guard		YES	YES	N/A

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.

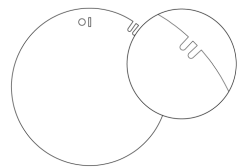
Diffuser Lenses (Intended for Mockup Purposes Only, Order Separately)

Diffuser Lens 1 (1 Notch)



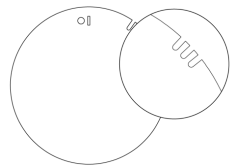
147695

Diffuser Lens 2 (2 Notches)



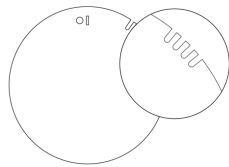
147696

Diffuser Lens 3 (3 Notches)



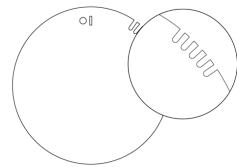
147697

Diffuser Lens 4 (4 Notches)



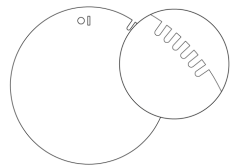
147698

Diffuser Lens 5 (5 Notches)



147699

Diffuser Lens 6 (6 Notches)



147700

Final Distribution Using Diffuser Lenses

	Final Distribution Using Diffuser Lens					
Original Distribution on Fixture	Diffuser Lens 1 1 Notch	Diffuser Lens 2 2 Notches	Diffuser Lens 3 3 Notches	Diffuser Lens 4 4 Notches	Diffuser Lens 5 5 Notches	Diffuser Lens 6 6 Notches
XN (4°/5°)	VN	NS	NF	M	FL	WFL
VN (6°)	NS					
NS (10°)						
NF (20°)						
M (30°)			FL	WFL		
FL (40°)						
WFL (60°)				VWFL		
VWFL (90°)						

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

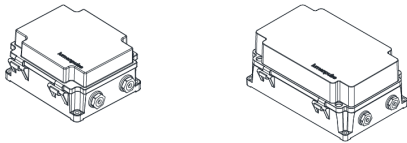
The diffuser lenses are intended for mockup purposes only. A lens holder is required to install a diffuser lens on the fixture, order separately using the following names: **LQS:** LQSLSLA-FINISH-LQALK **LQM:** LQMLSLA-FINISH-LQALK **LQL:** LQLLSLA-FINISH-LQALK **LQG:** LQGSLSLA-FINISH-LQALK

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.

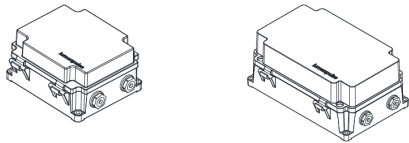
Control Boxes (Order Separately)

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



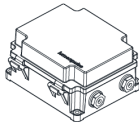
DMX/RDM control box. Up to six power and data outputs to fixtures or fixture runs. Consult CBX specification sheet and installation instructions for details. Lumenterminators provided with CBX (2x for daisy chain configuration, 6x for star configuration), consult factory to order spares.

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.

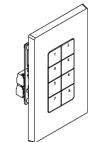
LDB - Lumentalk Data Bridge



Lumentalk Data Bridge, 1-10V or DMX output. Consult LDB specification sheet for details.

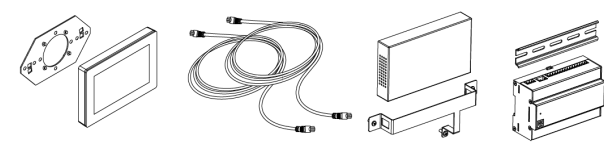
Control Systems (Order Separately)

Lumenscene



The Lumenscene, a user-friendly DMX/RDM lighting controller that includes eight preconfigured scene changes and can be programmed via RDM.

PHAROS - Pharos® Kit



The Pharos kit, available for 1 or 2 DMX universes, allows for complete control of large lighting installations. 2 DMX universes kit shown.

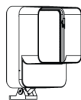
Diagnostic And Addressing Tools (Order Separately)

LID - LumenID



LumenID is a diagnostic and addressing DMX/RDM tool. It must be specified on all DMX applications. Consult LID specification sheet for details.

EPA Guide

	FIXTURE			MOUNTING OPTIONS*			
	LQS	LQS with Snoot	LQS with Visor	WAM/WAMRJB			
					6	12	18
EPA Front (m²)	0.040	0.048	0.048	N/A	N/A	N/A	N/A
EPA Side (m²)	0.019	0.031	0.031	0.012	0.027	0.041	0.055
EPA Front 45° (m²)	0.038	0.055	0.055	N/A	N/A	N/A	N/A

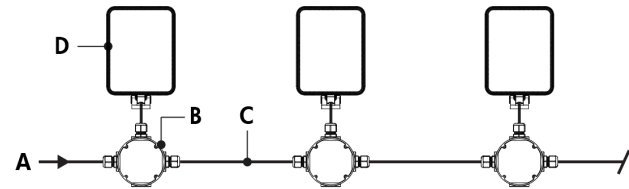
*Mounting arm only. Fixture EPA calculation must also be considered.

Typical Wiring Diagrams

Wiring Colour Code

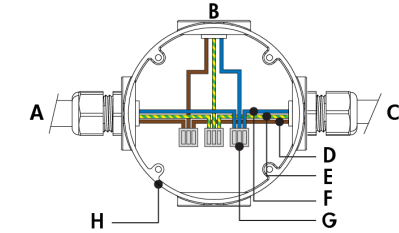
CE Colour Code	USE
Yellow/Green	Ground
Brown	Line 120-277V AC
Blue	Line/Neutral
Black	1-10V / Data +
Grey	1-10V / Data -
Grey	Signal common (DMX/RDM only)

On/Off Control (NO)



- A - Power input (120-277V, wiring by others)
- B - Junction box (by others)
- C - Power wiring (by others)
- D - Lumenquad Small

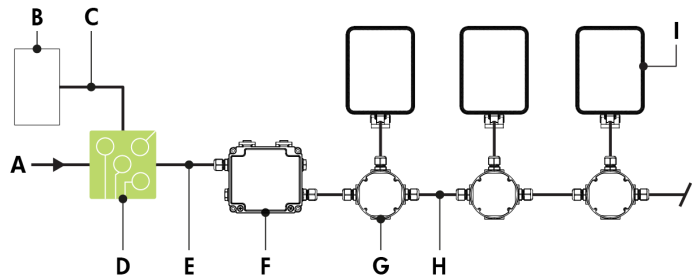
On/Off Control (NO) - Wiring Detail - CE



- A - Power input or from previous fixture
- B - To fixture
- C - To next fixture
- D - Line
- E - Ground
- F - Line/Neutral
- G - Terminal connector (by others)
- H - Junction box (by others)

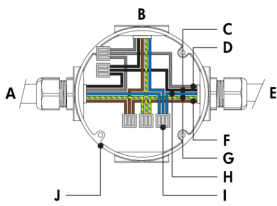
- Consult factory for specific applications and maximum fixture count/cable length recommendations. 14 watts per fixture.

Lumentalk (LT)



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

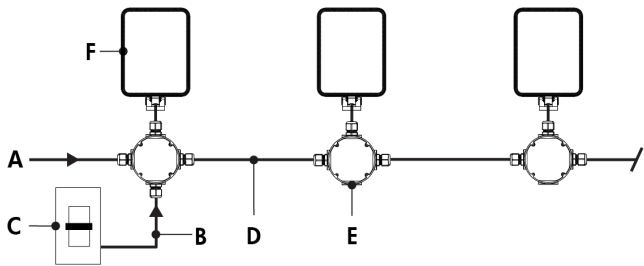
Lumentalk (LT) - Wiring Detail Using LDB



- A - From Lumentalk Data Bridge (control over power line via Lumentalk system) or from previous fixture
- B - To fixture
- C - 1-10 V + / Data +
- D - 1-10 V - / Data -
- E - To next fixture
- F - Line
- G - Ground
- H - Line/Neutral
- I - Terminal connector (by others)
- J - Junction box (by others)

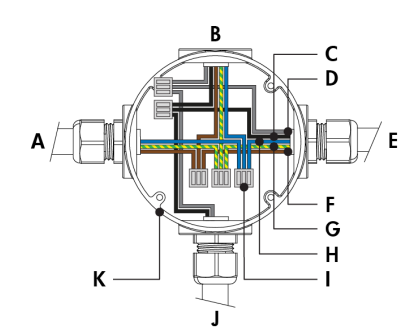
- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- Lumentalk Data Bridge required for Lumentalk system, see LDB installation instructions for details.
- For applications with all fixtures controlled as 1 zone: fixtures and Lumentalk Data Bridge must be specified as DIM. Maximum of 10 fixtures per LDB-DIM, consult factory for applications that require additional capabilities.
- For applications with fixtures controlled individually: fixtures and 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-LT. Maximum of 32 fixtures per LDB-DMX. Consult factory for details.
- For DMX applications: 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 colours 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.
- Consult factory for DALI Lumentalk applications.
- 1% minimum dimming value.
- 14 watts per fixture.

1-10V Dimming (DIM)



- A - Power input (120-277V, wiring by others)
- B - Data wiring (by others)
- C - Dimmer (by others)
- D - Power and data wiring (by others)
- E - Junction box (by others)
- F - Lumenquad Small

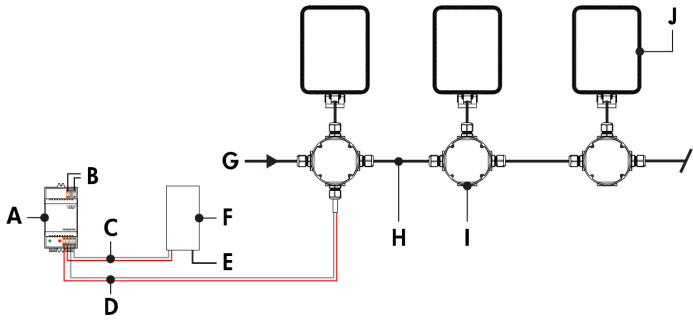
1-10V Dimming (DIM) - Wiring Detail - CE



- A - Power input or from previous fixture
- B - To fixture
- C - 1-10 V +
- D - 1-10 V -
- E - To next fixture
- F - Line
- G - Ground
- H - Neutral
- I - Terminal connector (by others)
- J - From dimmer (by others)
- K - Junction box (by others)

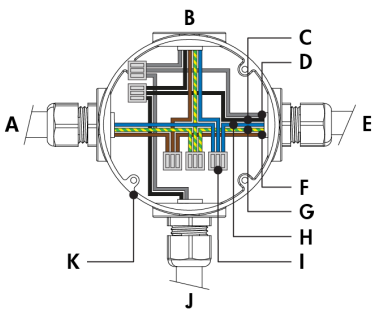
- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- 1-10V mA ratings: passive dimmer (Current Sink): 3mA per fixture, active dimmer (Current Source): 0.5mA per fixture.
- 1% minimum dimming value. 14 watts per fixture.

DALI Dimming (DALI)



- 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

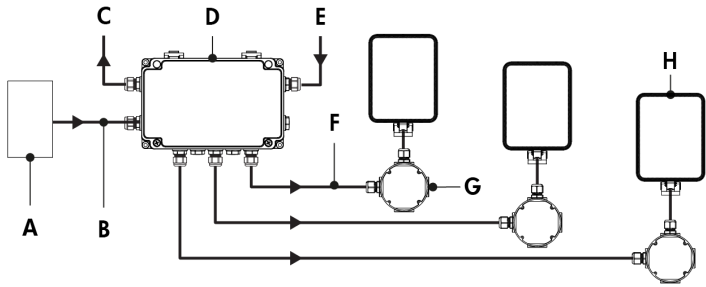
DALI Dimming (DALI) - Wiring Detail - CE



- 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 - Terminal connector (by others)
- J - From DALI controller (by others)
- K - Junction box (by others)

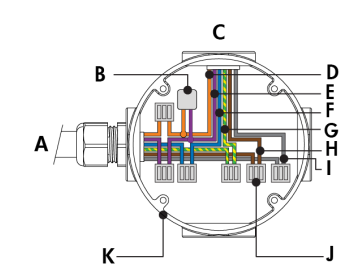
- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- Maximum of 64 DALI fixtures per DALI loop.
- Commissioning may be required based on the selection of 3rd party DALI controller. Controller and commissioning provided by others.
- 1% minimum dimming value.
- 14 watts per fixture.

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 - CE



- 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 - Terminal connector (by others)
- K - Junction box (by others)

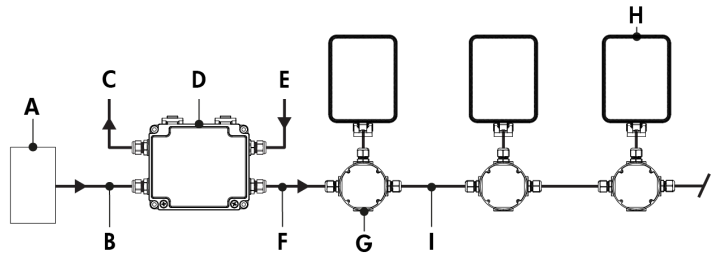
Maximum Fixture Count

Maximum number of fixtures per run (Based on 16A maximum, 1,5mm ² cable, fixtures spaced 3m on center, first fixture 15m from CBX)				
Configuration/Voltage	120V	208V	240V	277V
LQS	32	32	32	32

Based on 16A maximum, 1,5 mm² cable, fixtures spaced 3 m on centre, first fixture 15 m from CBX.

- Consult CBX installation instructions for additional wiring details.
- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- Run length calculations are based on a voltage drop of no more than 25V.
- 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 DMX address.
- 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.
- 1% minimum dimming value.
- 14 watts per fixture.

Daisy Chain Layout (DMX/RDM)

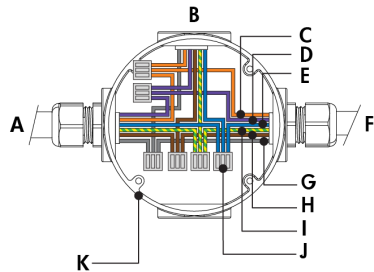


- A - DMX/RDM controller (order separately from Lumenpulse, or by others)
- B - Data input (Belden 9841 or equivalent, by others)
- C - Data output to next CBX (optional, not isolated/not boosted)
- D - CBX-DS
- E - Power input (120-277V, wiring by others)
- F - Power and data output to fixture (wiring by others)
- G - Junction box (by others)
- H - Lumenquad Small
- I - Power and data wiring (by others)

Maximum Fixture Count

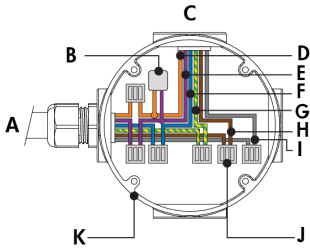
Maximum number of fixtures per run (Based on 16A maximum, 1,5mm ² cable, fixtures spaced 3m on center, first fixture 1.5m from CBX)				
Configuration/Voltage	120V	208V	240V	277V
LQS	32	32	32	32

Daisy Chain Layout (DMX/RDM) - Wiring Detail (First Or Middle Of Run) - CE



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

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



- 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 - Terminal connector (by others)
- K - Junction box (by others)

Based on 16A maximum, 1,5 mm² cable, fixtures spaced 3 m on centre, first fixture 1.5 m from CBX.

- Consult CBX installation instructions for additional wiring details.
- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- Run length calculations are based on a voltage drop of no more than 25V.
- 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 0.9 m cable length between fixture and next junction box for daisy chain layout.
- Each fixture requires 1 DMX address.
- 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.
- 1% minimum dimming value.
- 14 watts per fixture.

How to Order

Housing	Voltage ⁽¹⁾	Colour and Colour Temperature ⁽²⁾	Optic	Optical Option ⁽⁸⁾	Mounting Options ⁽¹⁰⁾
LQS Lumenquad Small	120 120 Volts 208 208 Volts 220 220 Volts 240 240 Volts 277 277 Volts	22K 2200K 27K 2700K 30K 3000K 35K 3500K 40K 4000K 57K 5700K RD Red ⁽³⁾ ⁽⁴⁾ ⁽⁵⁾ GR Green ⁽³⁾ ⁽⁴⁾ ⁽⁵⁾ BL Blue ⁽³⁾ ⁽⁴⁾ ⁽⁵⁾	XN Extra Narrow 3° ⁽⁶⁾ VN Very Narrow 6° ⁽⁶⁾ NS Narrow Spot 10° ⁽⁶⁾ NF Narrow Flood 20° ⁽⁶⁾ M Medium 30° ⁽⁶⁾ FL Flood 40° ⁽⁶⁾ WFL Wide Flood 60° ⁽⁶⁾ VWFL Very Wide Flood 90° ⁽⁶⁾ ⁽⁷⁾ NAS Narrow Asymmetric ⁽⁶⁾ WW Asymmetric Wallwash ⁽⁶⁾ 2 Type II (ME2-ME6, CE) ⁽⁶⁾ 2BLS Type II backlight shield (ME2-ME6, CE) ⁽⁶⁾ 3 Type III (ME2-ME6, CE) ⁽⁶⁾ 3BLS Type III backlight shield (ME2-ME6, CE) ⁽⁶⁾ 4 Type IV (ME2-ME6, CE, S) ⁽⁶⁾ 4BLS Type IV backlight shield (ME2-ME6, CE, S) ⁽⁶⁾ 5S Type VS (S) ⁽⁶⁾	LSLH Linear Spread Lens Horizontal Distribution ⁽⁹⁾ LSLV Linear Spread Lens Vertical Distribution ⁽⁹⁾ HL Honeycomb Louver ⁽⁹⁾	SM Surface Mount WM Wall Mount Bracket with Decorative Cover WMNC Wall Mount Bracket without Decorative Cover WAM6 Wall Arm Mount 152 mm with Decorative Cover WAM6NC Wall Arm Mount 152 mm without Decorative Cover WAM12 Wall Arm Mount 305 mm with Decorative Cover WAM12NC Wall Arm Mount 305 mm without Decorative Cover WAM18 Wall Arm Mount 457 mm with Decorative Cover WAM18NC Wall Arm Mount 457 mm without Decorative Cover WAM24 Wall Arm Mount 610 mm with Decorative Cover ⁽¹¹⁾ WAM24NC Wall Arm Mount 610 mm without Decorative Cover ⁽¹¹⁾ WMRJB Recessed JBOX Wall Mount with Decorative Cover WMRJBNC Recessed JBOX Wall Mount without Decorative Cover WAMRJB6 Recessed JBOX Wall Arm Mount 152 mm with Decorative Cover WAMRJB6NC Recessed JBOX Wall Arm Mount 152 mm without Decorative Cover WAMRJB12 Recessed JBOX Wall Arm Mount 305 mm with Decorative Cover WAMRJB12NC Recessed JBOX Wall Arm Mount 305 mm without Decorative Cover WAMRJB18 Recessed JBOX Wall Arm Mount 457 mm with Decorative Cover WAMRJB18NC Recessed JBOX Wall Arm Mount 457 mm without Decorative Cover WAMRJB24 Recessed JBOX Wall Arm Mount 610 mm with Decorative Cover WAMRJB24NC Recessed JBOX Wall Arm Mount 610 mm without Decorative Cover RPM4/1 Round Pole Mount 102 mm RPM4.5/1 Round Pole Mount 114 mm RPM5/1 Round Pole Mount 127 mm RPM4/2 Round Pole Mount 102 mm for two fixtures RPM4.5/2 Round Pole Mount 114 mm for two fixtures RPM5/2 Round Pole Mount 127 mm for two fixtures TN2 Tenon Adapter for 60 mm O.D. Pole TN4 Tenon Adapter for 102 mm O.D. Pole SK Stake Mount STM Stud mount ⁽¹²⁾

Notes:

1. Consult factory for 100 volts.

2. Consult factory for availability of static Royal Blue, 6500K and 90+ CRI.

3. Not available for XN optic.
4. Consult factory for availability with type 2, 2BLS, 3, 3BLS, 4, 4BLS and 5S distributions.

5. Static colours made to order 8-10 weeks.

6. Factory installed, not interchangeable on site.

7. Consult factory for photometric performance.

8. Optical options are factory installed and cannot be changed in the field.

9. Not available for WFL, VWFL, NAS, WW, 2, 2BLS, 3, 3BLS, 4, 4BLS and 5S optics.
10. All mounting options (except for SM mounting) are interchangeable. Consult factory for details.

11. A cable length of 3 m or greater must be specified.

12. For thru-wall mounting.

How to Order

Finish	Control ⁽¹⁶⁾ ⁽¹⁷⁾	Option	Certification	Cable Length ⁽¹⁹⁾ ⁽²³⁾ ⁽²⁵⁾
BK Black Sandtex® BRZ Bronze Sandtex® SI Silver Sandtex® WH Smooth White BKTX Textured Black BRZTX Textured Bronze Non-Metallic GRATX Textured Medium Grey GRNTX Textured Green WHTX Textured White CC Custom Colour & Finish ⁽¹³⁾ ⁽¹⁴⁾ ⁽¹⁵⁾	NO On/Off Control DIM 1-10V Dimming DALI DALI Dimming DMX/RDM DMX/RDM Enabled ⁽¹⁸⁾ ⁽¹⁹⁾	CRC Corrosion-Resistant Coating ⁽²⁰⁾ ⁽²¹⁾	UL UL Compliant ⁽²²⁾ CE CE Compliant	1M 1 m ⁽¹⁹⁾ ⁽²⁴⁾ 5M 5 m 10M 10 m 15M 15 m 20M 20 m 30M 30 m

Notes:

- 13.** Lumenpulse offers a wide selection of RAL CLASSIC (K7) colours with a smooth texture and high-gloss finish. Please consult factory for a list of available K7 colours, other RAL textures and glosses, or to match alternate colour charts. Final colour matching results may vary.

14. Longer lead times can be expected for custom RAL colour finishes.

15. Setup charges apply for RAL colours. Consult factory for details.

16. Lumentalk system is enabled with LDB accessory. DIM or DMX/RDM must be specified in the order code. See the typical wiring diagrams in the specification sheet for details.

17. A Lumentranslator 2 (LTL2) and LumentalkID (LIDL1) must be specified for Lumentalk applications. Consult Lumentranslator 2 and Lumentalk pages and specification sheets for details.

18. A control box (CBX) and LumenID (LID) must be specified.
- 19.** Maximum of 1 m cable length for daisy chain DMX applications with CBX-DS.

20. Use only when exposed to salt spray. This option is not required for normal outdoor exposure.

21. Setup charges apply. Consult factory for details.

22. Consult North American specification sheets and installation instructions for UL wiring information.

23. Not applicable to WMRJB, WMRJBNC and WAMRJB 152 mm to 610 mm mounting options (with or without decorative cover). Cable lengths for these mounting options are determined by the length of the mounting bracket.

24. Not available with WAM24 or WAM24NC mounting options.

25. UL fixtures specified with a Smooth white finish and a SM, WM, WMNC, or WAM 152 mm to 610 mm mounting option (with or without decorative cover) are provided with a white cable. A black cable is provided for all other fixture configurations.