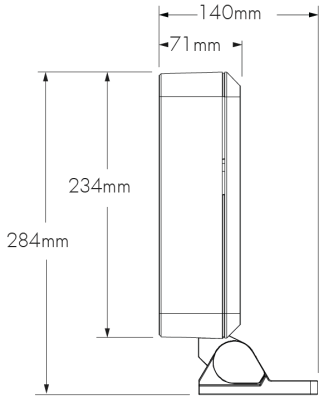
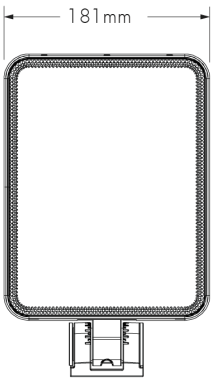
Project Name _____ **Qty** _____

Type _____ **Catalog / Part Number** _____



Side view



Front view

Photometric Summary

Symmetric

	Delivered output (lm)	Intensity (peak cd)
VN (6°)	2,023	97,064
NS (10°)	1,935	69,153
NF (20°)	1,780	14,363
M (30°)	1,711	7,910
FL (40°)	1,633	4,417
WFL (60°)	1,440	1,126

Asymmetric

	Delivered output (lm)	Intensity (peak cd)
NAS	1,819	29,069 (@2.5°)
WW	1,627	7,415 (@5°)

Based on DWH full output, DMX/RDM configuration.
Photometric performance is measured externally in compliance with IESNA LM-79-24.
Refer to 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

Description

The Lumenquad Medium Dynamic White, 28W LED luminaire, has a sleek 71 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 Medium Dynamic White is the epitome of versatility and can be configured with numerous options including optics for wallwash and floodlighting, a choice of colour temperatures and colours, as well as various mounting options, accessories, controls, and multiple standard finishes.

Features

Colour and Colour Temperature	Dynamic Warm White (2200K to 3000K), Dynamic White (2700K to 6500K)
Optics (Nominal Distribution)	VN (6°), NS (10°), NF (20°), M (30°), FL (40°), WFL (60°), VWFL (90°), NAS (Narrow Asymmetric), WW (Asymmetric Wallwash)
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	28W
Warranty	5-year limited warranty

Performance

Maximum Delivered Output	1,566 lm (DWW full output, VN 6°, DMX/RDM) 2,023 lm (DWH full output, VN 6°, DMX/RDM)
Maximum Delivered Intensity	75,128 cd at nadir (DWW full output, VN 6°, DMX/RDM) 97,064 cd at nadir (DWH full output, VN 6°, DMX/RDM)
Illuminance at Distance	Minimum 1 lx at 275 m (DWW full output, VN 6°, DMX/RDM) Minimum 1 lx at 313 m (DWH full output, VN 6°, DMX/RDM)
Lumen Maintenance	L70 B50 120,000 hrs (Ta 25 °C) L80 B10 100,000 hrs (Ta 25 °C)

Colour and Colour Temperature

Dynamic Warm White (2200K to 3000K)

Dynamic White (2700K to 6500K)

Control

DIM/DTW DMX/RDM1 DMX/RDM lumentalk

DALI T8

Ratings

IP66 IK10

Certifications

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	3.89 kg
EPA	Front = 0.05 m², Side = 0.02 m², Front 45°= 0.05 m²

Electrical and Control

Voltage	120-277 volts
Fixture Cable	Power and data in one cable
Conductors	5C: 5 x 1,5 mm^2 (DIM/DTW, DALIT8 control) 6C: 3 x 1,5 mm^2/ 3 x 0,20 mm^2 (DMX/RDM1, DMX/RDM control)
Inrush Current (Peak)	21A @230VAC
Control	Dim to Warm via 1-10V (2700K to 2200K), Dim to Warm via Single-Channel DMX/RDM (2700K to 2200K), DMX/RDM Enabled 3-Channel Colour Temperature Control, DALI 2 T8 Control, Lumentalk system is enabled with LDB accessory - see typical wiring diagrams for details
Resolution (DMX/RDM)	Per fixture, 8-bit or 16-bit
Dynamic Warm Colour Temperature Mixing	18 LEDs (6x 2200K, 6x 2700K, 6x 3000K)
Dynamic White Colour Temperature Mixing	18 LEDs (6x 2700K, 6x 4000K, 6x 6500K)

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

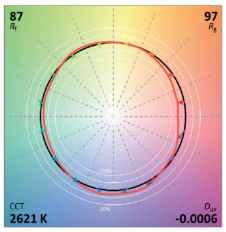
Accessories (Order Separately)

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)

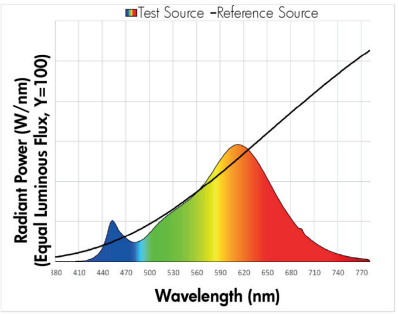
Chromaticity Data

TM-30 - DWW

CCT	CIE		TM-30	
DWW Full Output	R_a	86	87	R_f
	R_9	26	97	R_g

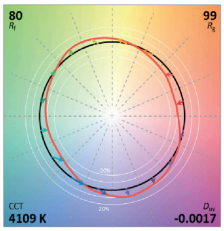


DWW Spectral Power Distribution

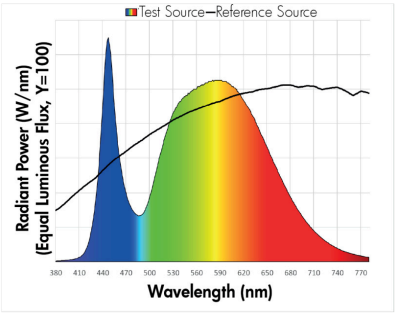


TM-30 - DWH

CCT	CIE		TM-30	
DWH Full Output	R_a	81	80	R_f
	R_9	22	99	R_g

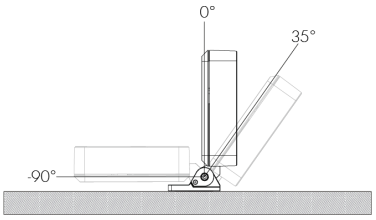


DWH Spectral Power Distribution

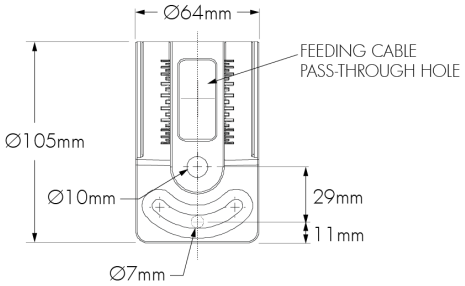


Mounting Options

SM - Surface Mount

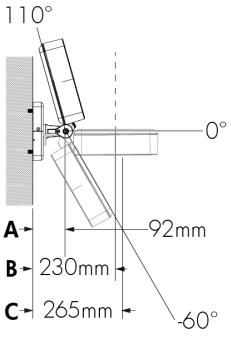


SM - Mounting Hole Pattern

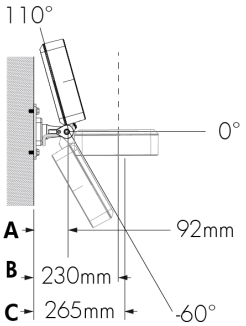


The SM mounting option cannot be interchanged with any other mounting option. All others mountings are interchangeable. Consult factory for details.

WM - Wall Mount Bracket with Decorative Cover



WMNC - Wall Mount Bracket Without Decorative Cover

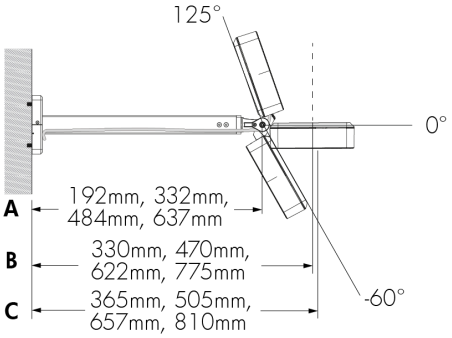


A - Dimension from wall to pivot.

B - Dimension from wall to the geometric center of the fixture.

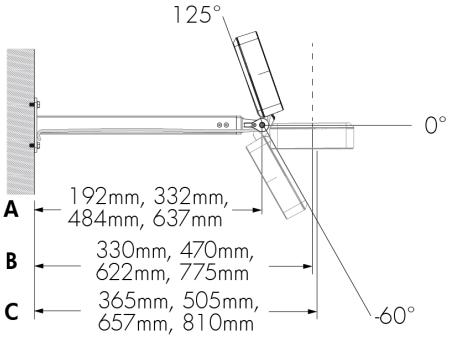
C - Dimension from wall to the center of the board.

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



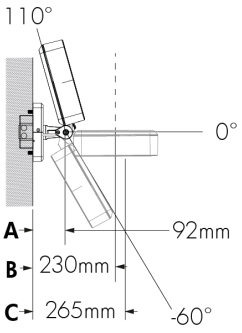
A cable length of 3 m or greater must be specified for the WAM24 mounting option.

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



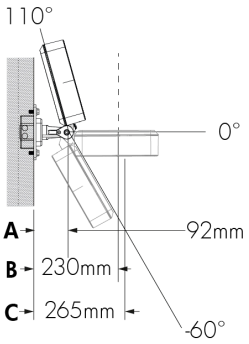
A cable length of 3 m or greater must be specified for the WAM24 mounting option.

WMRJB - Recessed JBOX Wall Mount With Decorative Cover



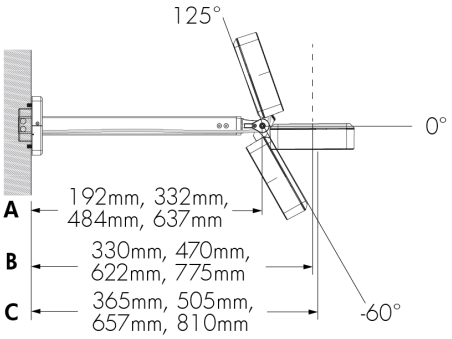
Fixture cable length is determined by Lumenpulse.

WMRJBNC - Recessed JBOX Wall Mount Without Decorative Cover

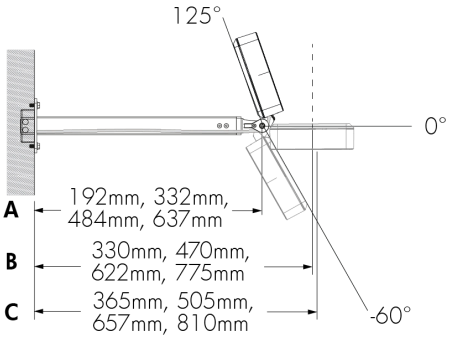


Fixture cable length is determined by Lumenpulse.

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



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

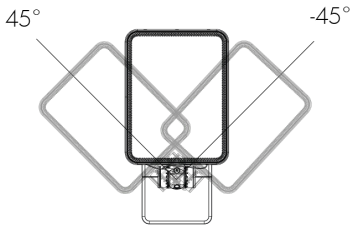


A - Dimension from wall to pivot.

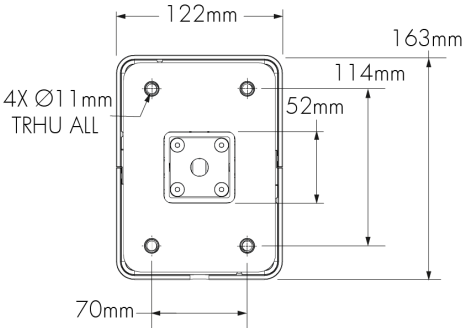
B - Dimension from wall to the geometric center of the fixture.

C - Dimension from wall to the center of the board.

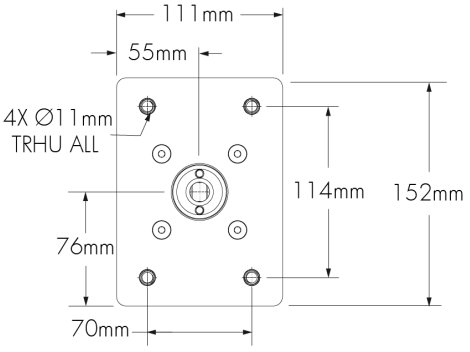
Wall Mount Horizontal Pivot Limits



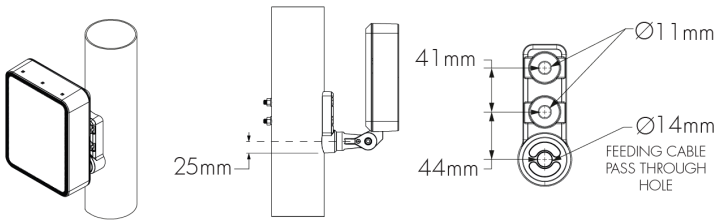
WM, WAM, WMRJB and WAMRJB - Mounting Hole Pattern



WMNC, WAMNC, WMRJBNC and WAMRJBNC - Mounting Hole Pattern



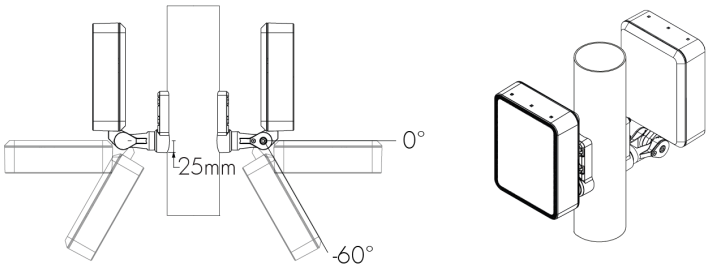
RPM4/1, RPM4.5/1, RPM5/1 - Round Pole Mount



	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.

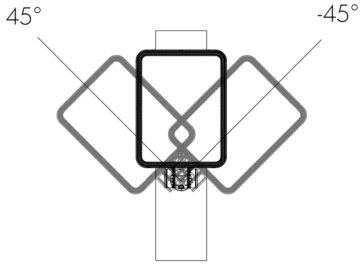
RPM4/2, RPM4.5/2, RPM5/2 - Round Pole Mount For Two Fixtures



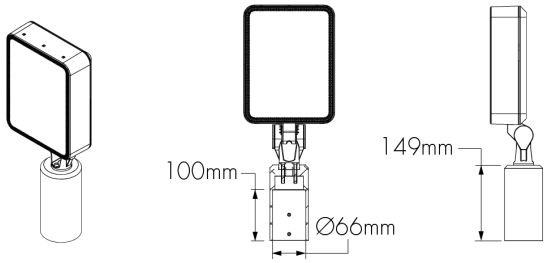
	RPM4/2	RPM4.5/2	RPM5/2
For pole Ø	101.6mm ± 1.6mm	114.3mm ± 1.6mm	127mm ± 1.6mm
Bolt length	146mm	159mm	178mm

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

Round Pole Mount Horizontal Pivot Limits



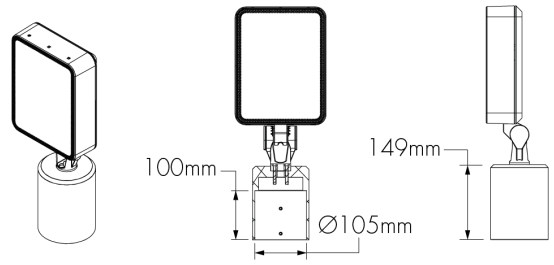
TN2 - Tenon Adapter For 60 mm O.D. Pole



Vertical mounting only. Consult factory for horizontal mounting.

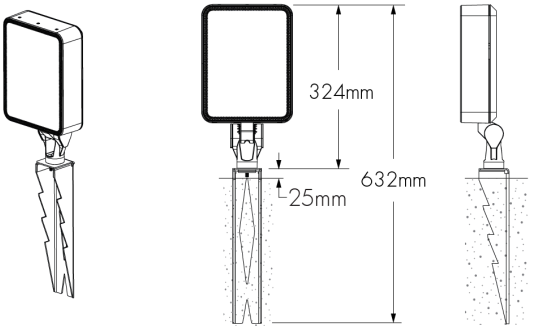
All mounting options (except for SM mounting) are interchangeable. Consult factory for details.

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

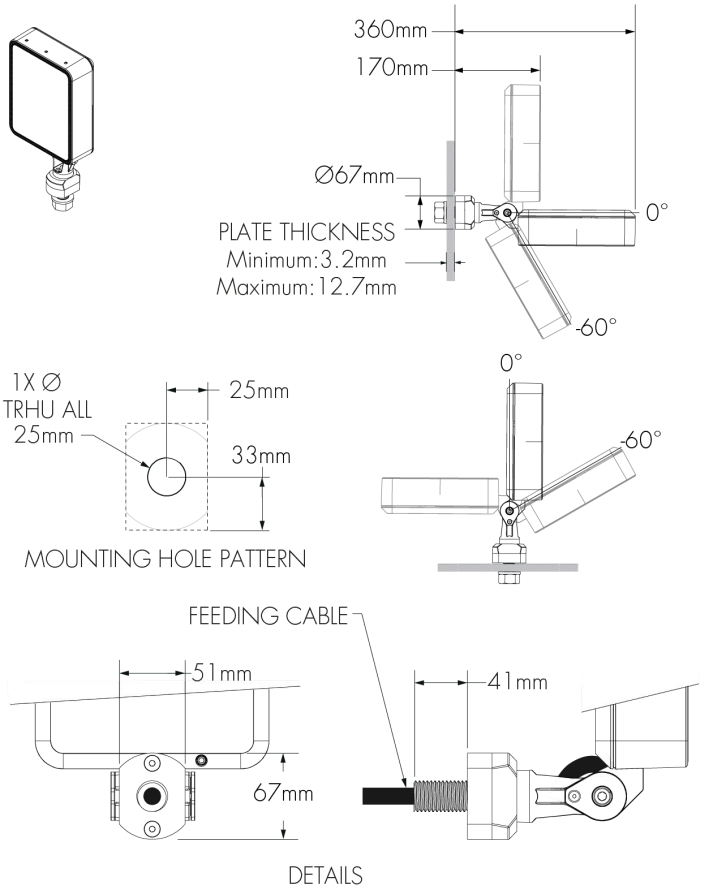


Vertical mounting only. Consult factory for horizontal mounting.

SK - Stake Mount



STM - Stud Mount

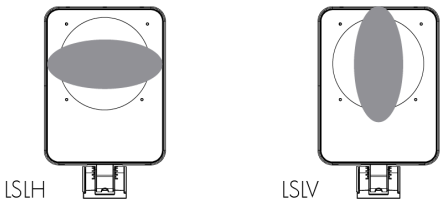


Vertical or horizontal mounting

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



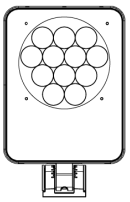
Factory installed, not adjustable on site. Not available for WFL, VWFL, NAS and WW optics.

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

	Beam angle with LSLH/LSLV
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 and WW optics.

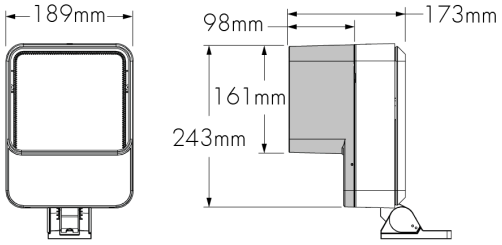
The addition of a honeycomb louvre will affect beam distribution. Consult factory for application support.

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

Optical Accessories (Factory Installed, Order Separately)

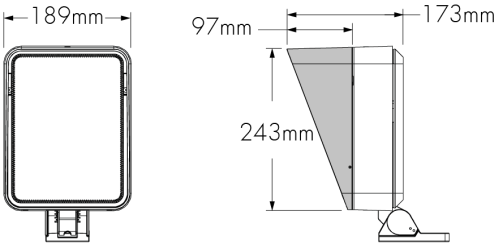
Installed optical accessories will affect the maximum pivot limits for each mounting option, consult factory for details.

SN - Snoot



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

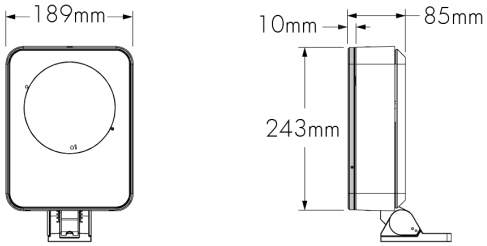
VS - Visor



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

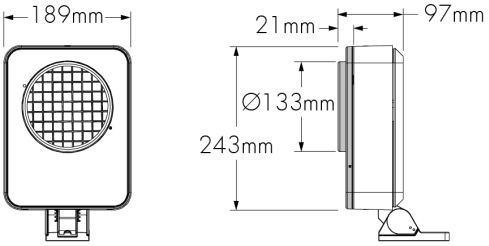
The Visor is not recommended for the WW optic.

LSLA - Linear Spread Lens Adjustable



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

WG - Wire Guard



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

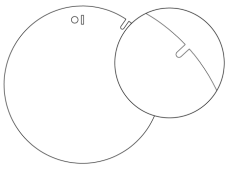
Accessory Combinations

+	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 LQMSNWG-BK-BK. A maximum of two accessories can be combined per fixture

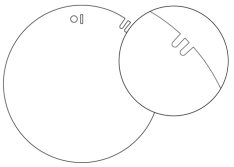
Diffuser Lenses (Intended for Mockup Purposes Only, Order Separately)

Diffuser Lens 1 (1 Notch)



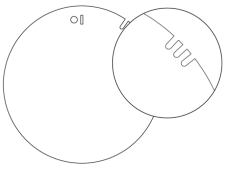
147701

Diffuser Lens 2 (2 Notches)



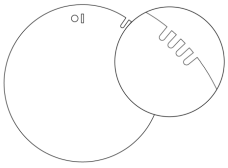
147702

Diffuser Lens 3 (3 Notches)



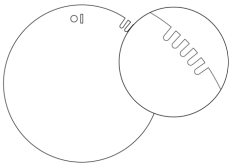
147703

Diffuser Lens 4 (4 Notches)



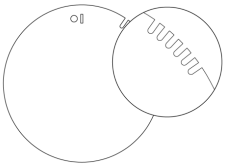
147704

Diffuser Lens 5 (5 Notches)



147705

Diffuser Lens 6 (6 Notches)



147706

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°)						

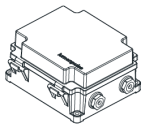
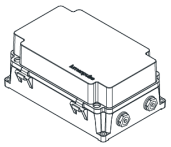
Choose a diffuser lens based on the desired final beam distribution. Refer to the 6-digit part numbers above to order diffuser lenses individually. To order a complete set of 6 diffuser lenses in a bag, refer to the following item names: **LQS:** LQALK-S **LQM:** LQALK-M **LQL**: LQALK-L **LQG:** LQALK-G

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:** 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.

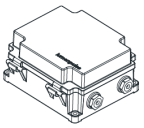
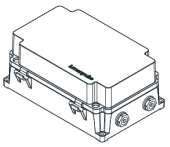
Control Boxes (Order Separately)

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

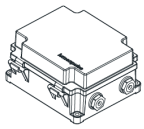
DMX/RDM control box. Up to six power and data outputs to fixtures or fixture runs. Consult CBX specification sheet and installation instructions for details. Lumenterminators provided with CBX (2x for daisy chain configuration, 6x for star configuration), consult factory to order spares.

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.

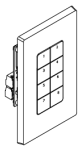
LDB - Lumentalk Data Bridge



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

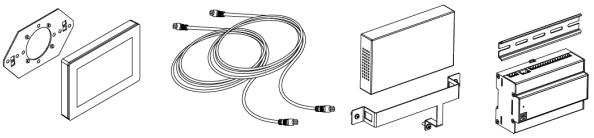
Control Systems (Order Separately)

Lumenscene



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

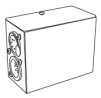
PHAROS - Pharos® Kit



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

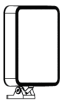
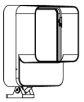
Diagnostic And Addressing Tools (Order Separately)

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*			
	LQM 	LQM with Snoot 	LQM with Visor 	WAM/WAMRJB 			
				6	12	18	24
EPA Front (m²)	0.054	0.068	0.068	N/A	N/A	N/A	N/A
EPA Side (m²)	0.024	0.045	0.045	0.012	0.027	0.041	0.055
EPA Front 45° (m²)	0.052	0.080	0.080	N/A	N/A	N/A	N/A

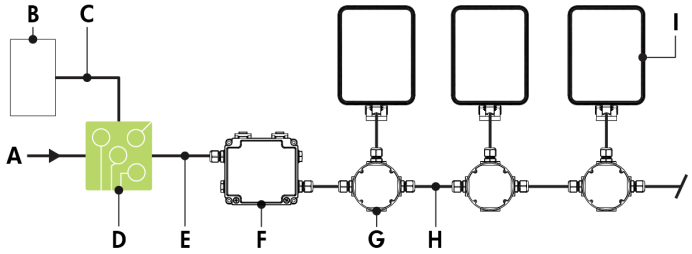
*Mounting arm only. Fixture EPA calculation must also be considered.

Typical Wiring Diagrams

Wiring Colour Code

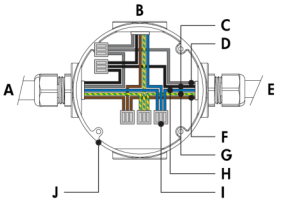
CE Colour Code	USE
Yellow/Green	Ground
Brown	Line 120-277V AC
Blue	Line/Neutral
Black	1-10V / Data +
Grey	1-10V / Data -
Grey	Signal common (DMX/RDM only)

Lumentalk (LT)



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 Medium

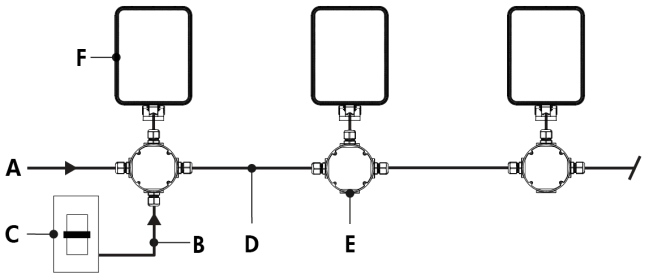
Lumentalk (LT) - Wiring Detail Using LDB



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)

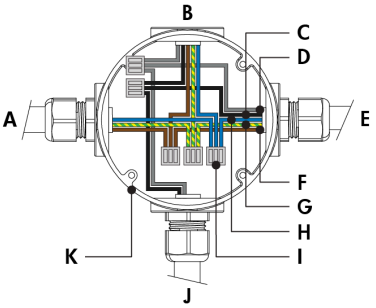
- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- Lumentalk Data Bridge required for Lumentalk system, see LDB installation instructions for details. Fixtures must be specified as DMX/RDM and the Lumentalk Data Bridge must be specified as DMX. 2-step commissioning process: 1 - DMX/RDM system using LumenID software and a LID, 2 - Lumentalk system using LumentalkID software and a LID-LT. 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 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.
- 28 watts per fixture.

Dim to Warm Via 1-10V (DIM/DTW*)
***Available For DWW Version Only, 2700K To 2200K**



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 Medium

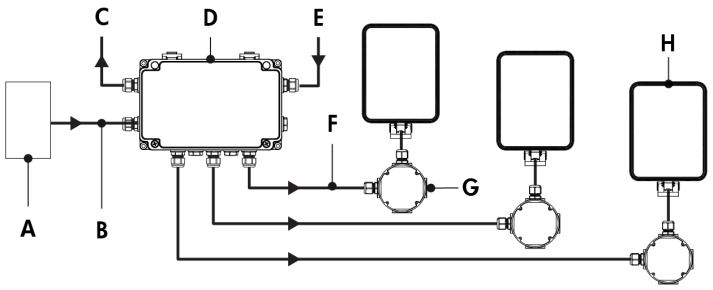
Dim To Warm Via 1-10V (DIM/DTW) - Wiring Detail - CE



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)

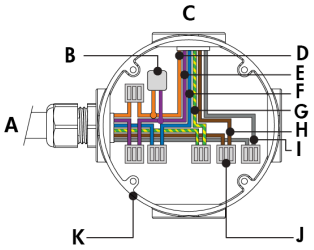
- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- 1-10V mA ratings: passive dimmer (Current Sink): 3mA per fixture, active dimmer (Current Source): 0.5mA per fixture.
- 28 watts per fixture.

Star Layout (Dim to Warm Via DMX/RDM1* or 3-Channel DMX/RDM)
***Available For DWW Version Only, 2700K To 2200K**



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 Medium

Star Layout (DMX/RDM1 or 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)

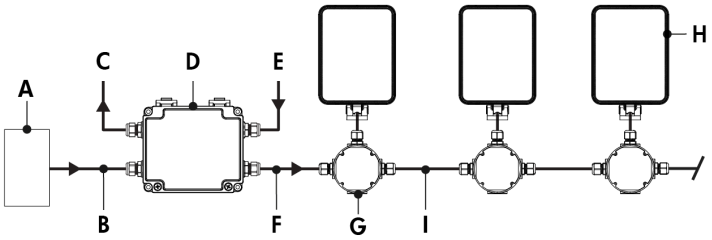
Maximum Fixture Count

Maximum number of fixtures per run (Based on16A maximum, 1,5mm² cable, fixtures spaced 3m on center, first fixture 15m from CBX)				
Configuration/Voltage	**120V**	**208V**	**240V**	**277V**
LQM	29	32	32	32

Based on 16A maximum, 1,5 mm^2 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.
- DMX/RDM1 control option requires 1 DMX address. DMX/RDM control option requires 3 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.
- 28 watts per fixture.

Daisy Chain Layout (Dim To Warm Via DMX/RDM1* or 3-Channel DMX/RDM)
***Available For DWW Version Only, 2700K To 2200K**

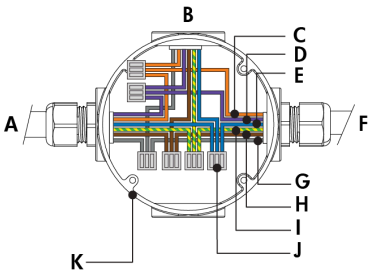


A - DMX/RDM controller (order separately from Lumenpulse, or by others)
B - Data input (Belden 9841 or equivalent, by others)
C - Data output to next CBX (optional, not isolated/not boosted)
D - CBX-DS
E - Power input (120-277V, wiring by others)
F - Power and data output to fixture (wiring by others)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

Maximum Fixture Count

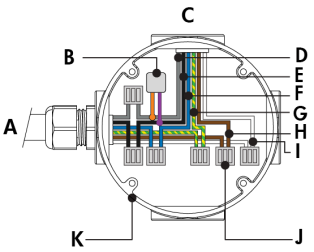
Maximum number of fixtures per run (Based on16A maximum, 1,5mm² cable, fixtures spaced 3m on center, first fixture 15m from CBX)				
Configuration/Voltage	**120V**	**208V**	**240V**	**277V**
LQM	29	32	32	32

Daisy Chain Layout (DMX/RDM1 or 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/RDM1 or DMX/RDM) - Wiring Detail (End of Run) - CE

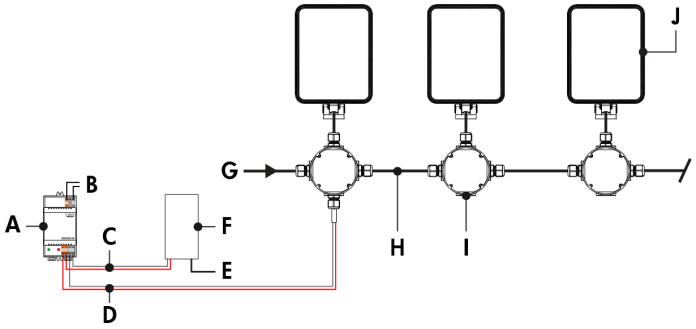


A - From CBX or previous fixture
B - Lumenterminator*
C - To fixture
D - Data -
E - Data +
F - Neutral
G - Ground
H - Line
I - Signal common
J - Terminal connector (by others)
K - Junction box (by others)

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

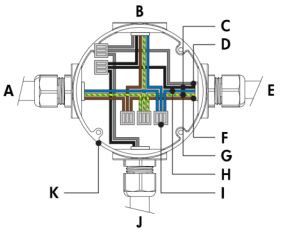
- Consult CBX installation instructions for additional wiring details.
- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- Run length calculations are based on a voltage drop of no more than 25V.
- The DMX/RDM protocol states a maximum of 32 DMX/RDM enabled fixtures on any single run.
- Maximum of 4 DMX/RDM repeaters/CBX cascading in line.
- Maximum of 1 output per CBX-DS.
- Maximum of 0.9 m cable length between fixture and next junction box for daisy chain layout.
- DMX/RDM1 control option requires 1 DMX address. DMX/RDM control option requires 3 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.
- 28 watts per fixture.

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 Medium

DALI 2 Type 8 (DALIT8) - 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.
- The Lumenbeam responds to RGBWAF controls.
- Commissioning may be required based on the selection of 3rd party DALI controller. Controller and commissioning provided by others.
- 28 watts per fixture.

How to Order

Housing	Voltage [1]	Colour and Colour Temperature	Optic	Optical Option [4]	Mounting Options [6]
LQM Lumenquad Medium	**120** 120 Volts **208** 208 Volts **220** 220 Volts **240** 240 Volts **277** 277 Volts	**DWW** Dynamic Warm White (2200K to 3000K) **DWH** Dynamic White (2700K to 6500K)	**VN** Very Narrow 6° [2] **NS** Narrow Spot 10° [2] **NF** Narrow Flood 20° [2] **M** Medium 30°[2] **FL** Flood 40° [2] **WFL** Wide Flood 60° [2] **VWFL** Very Wide Flood 90° [2] [3] **NAS** Narrow Asymmetric [2] **WW** Asymmetric Wallwash [2]	**LSLH** Linear Spread Lens Horizontal Distribution [5] **LSLV** Linear Spread Lens Vertical Distribution [5] **HL** Honeycomb Louver [5]	**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 [7] **WAM24NC** Wall Arm Mount 610 mm without Decorative Cover [7] **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 [8]

Notes:

1. Consult factory for 100 volts.
2. Factory installed, not interchangeable on site.
3. Consult factory for photometric performance.
4. Optical options are factory installed and cannot be changed in the field.
5. Not available with WFL, VWFL, NAS and WW optics.
6. All mounting options (except for SM mounting) are interchangeable. Consult factory for details.

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

8. For thru-wall mounting.

How to Order

Finish	**Control** [12] [14]	**Option**	**Certification**	**Cable Length** [16] [21] [23]
BK Black Sandtex®	**DIM/DTW** Dim to Warm via 1-10V (2700K to 2200K) [13]	**CRC** Corrosion-Resistant Coating [18] [19]	**UL** UL Compliant [20]	**1M** 1 m [16] [22]
BRZ Bronze Sandtex®	**DMX/RDM1** Dim to Warm via Single-Channel DMX/RDM (2700K to 2200K) [13] [15] [16]		**CE** CE Compliant	**5M** 5 m
SI Silver Sandtex®	**DMX/RDM** 3-Channel Colour Temperature Control via DMX/RDM [15] [16]			**10M** 10 m
WH Smooth White	**DALIT8** DALI 2 T8 Control [17]			**15M** 15 m
BKTX Textured Black				**20M** 20 m
BRZTX Textured Bronze Non-Metallic				**30M** 30 m
GRATX Textured Medium Grey				
GRNTX Textured Green				
WHTX Textured White				
CC Custom Colour & Finish [9] [10] [11]				

Notes:

9. 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.
10. Longer lead times can be expected for custom RAL colour finishes.
11. Setup charges apply for RAL colours. Consult factory for details.
12. 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.
13. Available for DWW colour temperature option only.
14. A Lumentranslator 2 (LTL2) and LumentalkID (LIDLT) must be specified for Lumentalk applications. Consult Lumentranslator 2 and Lumentalk pages and specification sheets for details.
15. A control box (CBX) and LumenID (LID) must be specified.
16. Maximum of 1 m cable length for daisy chain DMX applications with CBX-DS.
17. DALI 2 T8 controller required, provided by others. DALI2 T8 control uses a single DALI short address.
18. Use only when exposed to salt spray. This option is not required for normal outdoor exposure.
19. Setup charges apply. Consult factory for details.
20. Consult North American specification sheets and installation instructions for UL wiring information.
21. 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.
22. Not available with WAM24 or WAM24NC mounting options.
23. 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.