SPECIFICATION SHEET

Client: _____

Project name: _____

Order #: _____

Type: _____ Qty: _____
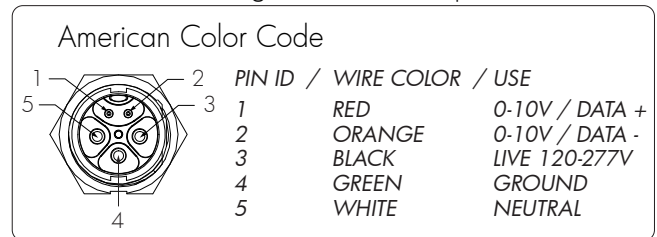
FEATURES AND BENEFITS

Physical :
- Low copper content extruded aluminum housing
- Available in 1', 2', 3' or 4' sections
- Electro-statically applied polyester powder coat finish
- Machined aluminum end caps and silicone gaskets
- Stainless steel hardware
- Clear tempered glass
- 10° x 10°, 10° x 60°, 30° x 60° or 60° x 60° optics
- IP66
- Corrosion-resistant option for marine environments
- Meets 3G ANSI C136.31 Vibration standard for bridge applications
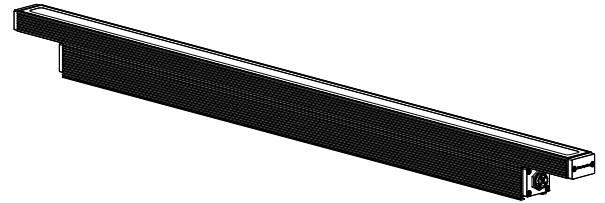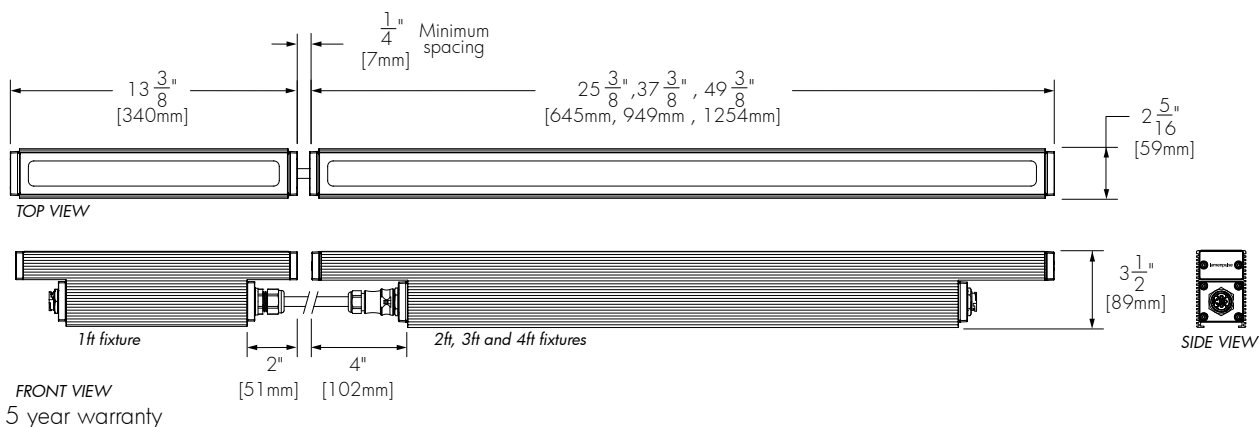
Performance :
- Minimum 1fc (10.7 lux) @ 129 feet (39.3m) distance (4000K, 4' unit, 10° x 60° optic, HO version)
- 2,929 delivered lumens and 16,765 candelas at nadir (4000K, 4' unit, 10° x 60° optic, HO version)
- CRI values: 85+ (2700K), 80+ (3000K), 78+ (4000K)
- Lumen maintenance 120,000 hrs [L70 @ 25°C]
- Lumen measurements comply with LM - 79 - 08 standard
- Resolution per foot or per fixture (see page 5)
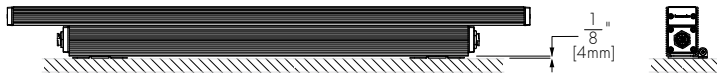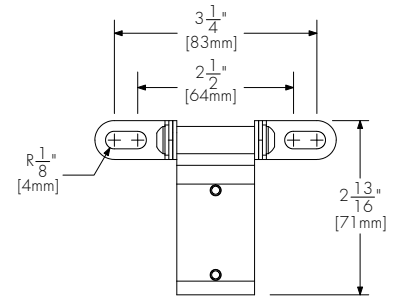- Operating temperatures: -25° C to 50° C [-13F to 122F]

Electrical :
- Line voltage luminaire for 120 to 277V
- Power and data in 1 cable (#16-5)
- Up to 88 feet with a single120V power feed, HO version
- 5W/ft version meets ASHRAE standards for linear lighting on building facades
- 8.5W/ft Regular Output version
- 15.25W/ft High Output version
- Dimming options: 0-10 volt, DMX, DALI, Lumentalk, or Lutron® EcoSystem® enabled

Wiring detail - female pin

American Color Code

PIN ID /	WIRE COLOR	/ USE
1	RED	0-10V / DATA +
2	ORANGE	0-10V / DATA -
3	BLACK	LIVE 120-277V
4	GREEN	GROUND
5	WHITE	NEUTRAL

TOP VIEW

13 3/8" [340mm]

1/4" [7mm] Minimum spacing

25 3/8", 37 3/8", 49 3/8" [645mm, 949mm, 1254mm]

2 5/16" [59mm]

FRONT VIEW

1ft fixture

2ft, 3ft and 4ft fixtures

2" [51mm]

4" [102mm]

3 1/2" [89mm]

SIDE VIEW

5 year warranty

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MOUNTING OPTIONS

SAM
Slim Adjustable Mounting

UMP
Fixed Mounting

UMAS
Universal Adjustable Mounting

WAM2
Adjustable Wall Mounting

WAM6 & WAM12
Adjustable Extended Arm Mounting

SAM
Mounting Hole Pattern

UMP
Mounting Hole Pattern
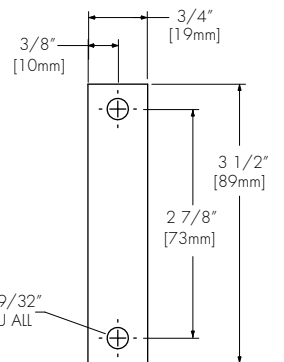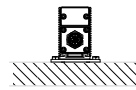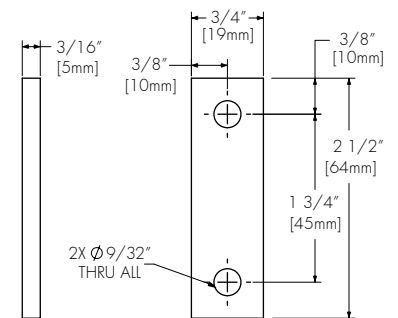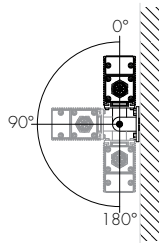
UMAS
Mounting Hole Pattern

WAM
Mounting Hole Pattern

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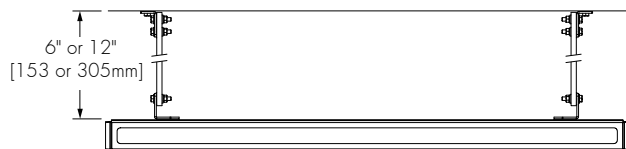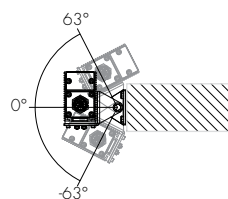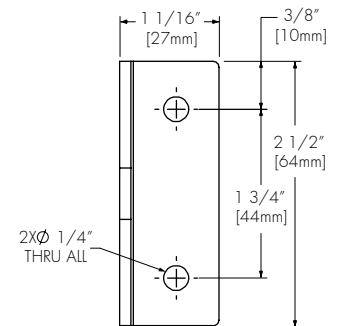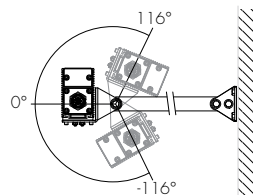
LOUVER ACCESSORY INSTALLATION DETAIL

$13 \frac{7}{16}$ ", $25 \frac{7}{16}$ ", $37 \frac{7}{16}$ ", $49 \frac{7}{16}$ "
[341mm, 646mm, 951mm, 1256mm]

$2\frac{3}{8}$"
[60mm]

$\frac{15}{16}$"
[24mm]

$2\frac{3}{8}$"
[60mm]

4"
[102mm]
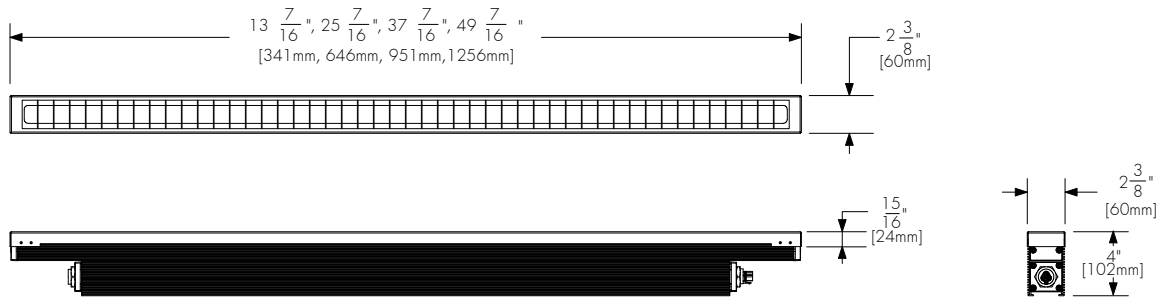
LOGRD
Radial Louver for Lumenfacade
(See page 4 for ordering code)

OPTION

ETE - End-to-end configuration,
no jumper cable needed.
16" cable included at input.

top view

$4\frac{1}{2}$"
[115mm]

Minimum coil dimension

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ACCESSORIES
Order separately

Control Systems:

LTO2   Lumentouch 2.0 is a wall mount DMX 512 controller keypad

LCU   Lumencue is a USB / mini SD DMX 512 controller

LID   LumenID is a diagnostic and addressing DMX 512 controller.
It must be specified on all DMX applications.
Refer to LID specification sheet for details.

LTN   Lumentone is a simple pre-programmed DMX 512 controller
with a push button rotary dial and live feedback.

CBOX :

iCBOX-___V-___-___   Interior DMX 512 data box.
Data input and output, M20 provision holes with plugs.
Voltage input and output, M20 provision holes with plugs.
Up to six outputs to fixtures, M20 provision holes with plugs.
Please specify desired input voltage and finish.
Refer to iCBOX specification sheet for details.
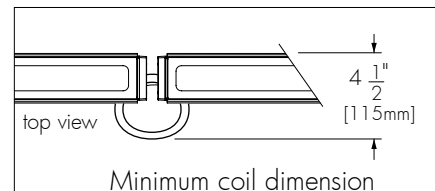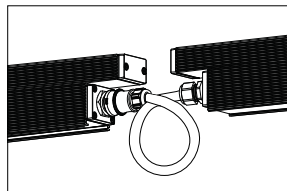
CBOX-___V-___-___   DMX 512 data box.
Data input and output, M20 provision holes with plugs.
Voltage input and output, M20 provision holes with plugs.
Up to six outputs to fixtures, M20 provision holes with plugs.
Please specify desired input voltage and finish.
Refer to CBOX specification sheet for details.

Leader Cable :

LOGLCD___   Leader Cable for Lumenfacade.
Please add desired cable length : 10, 25 or 50 feet standard length
Sealing endcap is mandatory for any unused connector.
(1) included with every leader cable

LOGLCD___-ETE   Leader Cable for Lumenfacade, ETE option.
Please add desired cable length : 10, 25 or 50 feet standard length
Sealing endcap is mandatory for any unused connector.
(1) included with every leader cable

Jumper Cable :

LOGJCD___   Jumper Cable for Lumenfacade.
Please add desired cable length : 2, or 4 feet standard length

LOGJCD___-ETE   Jumper Cable for Lumenfacade, ETE option.
Please add desired cable length : 2, or 4 feet standard length

Radial Louver :
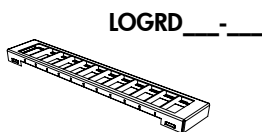
LOGRD___-___   Radial louver for Lumenfacade.
1.   Please specify desired nominal length: 1', 2', 3' or 4'.
2.   Please specify finish as BK - Black SandText
(Custom color available on request, please specify as CC together with RAL color : _____)

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RESOLUTION DETAILS
APPLICABLE FOR DMX DIMMING OPTION ONLY

DMX 1FT - Resolution per foot: each foot is addressed independently (recommended for most installations).

DMX ADDRESSES:

| 1,2,3 | 4,5,6 | 7,8,9 | 10,11,12 | 13,14,15 | 16,17,18 | 19,20,21 | 22,23,24 |

TOP VIEW   LOG 48 inches   LOG 48 inches
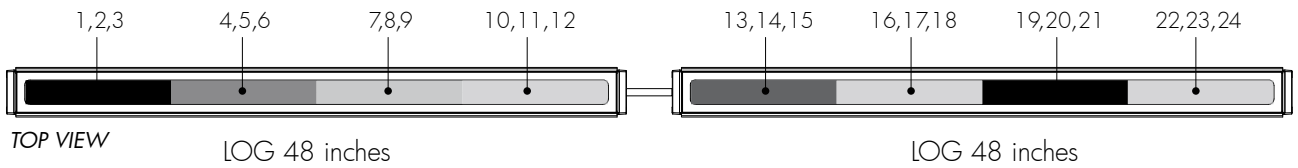
DMX 1FX - Resolution per fixture: each fixture is addressed independently

DMX ADDRESSES:

| 1,2,3 | 4,5,6 |

TOP VIEW   LOG 48 inches   LOG 48 inches
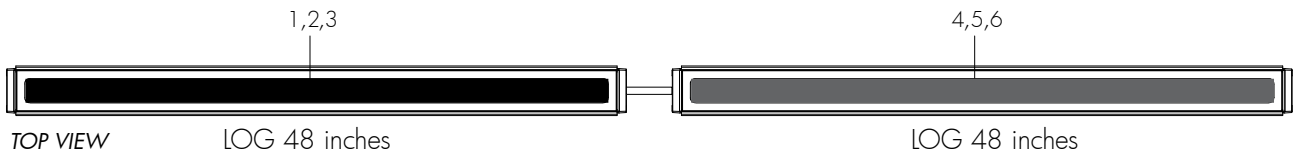
*Warning: resolution is a factory setting and cannot be changed in the field.

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TYPICAL WIRING DIAGRAMS

Non-Dimming or Lumentalk Dimming Version
1% minimum dimming value with Lumentalk dimming

Sealing
end cap

120-277V

Line black
Ground green
Neutral white
Wire-nuts

Junction box
(by others)

Jumper cable
#16

Leader cable
#16

JBOX

Maximum run length by 15A circuit - Lumenfacade™ HO			
Cable length/Voltage	**120V**	**240V**	**277V**
10ft leader cable	88ft	100ft	112ft
50ft leader cable	68ft	76ft	84ft

Maximum run length by 15A circuit - Lumenfacade™ RO			
Cable length/Voltage	**120V**	**240V**	**277V**
10ft leader cable	148ft	168ft	184ft
50ft leader cable	120ft	132ft	148ft

ASHRAE Code Compliant - Lumenfacade™ 5W/ft Maximum run length by 15A circuit			
Cable length/Voltage	**120V**	**240V**	**277V**
10ft leader cable	180ft	250ft	300ft
50ft leader cable	168ft	230ft	280ft

Dimming Version (0-10V)
10% minimum dimming value

Sealing
end cap

From dimmer

Data+ red
Data– orange

120-277V

To fixtures

Line black
Ground green
Neutral white

Junction box
(by others)

Dimmer

Jumper cable
#16-5

Leader cable
#16-5

0-10V

JBOX

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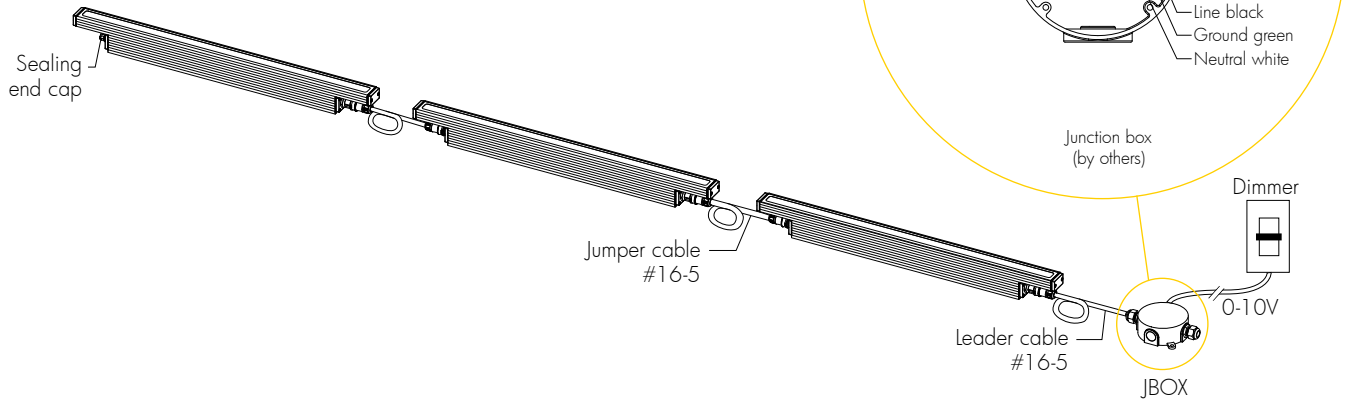
TYPICAL WIRING DIAGRAMS - continued

Dimming Version (DALI)
1% minimum dimming value

From
DALI Controller

Data+ red
Data– orange

120-277V

To fixtures

Line black
Ground green
Neutral white

Junction box
(by others)

Typical
DALI Controller

Sealing
end cap

Jumper cable
#16-5

Leader cable
#16-5

JBOX

Maximum run length by 15A circuit - Lumenfacade™ HO			
Cable length/Voltage	**120V**	**240V**	**277V**
10ft leader cable	88ft	100ft	112ft
50ft leader cable	68ft	76ft	84ft
Maximum run length by 15A circuit - Lumenfacade™ RO			
Cable length/Voltage	**120V**	**240V**	**277V**
10ft leader cable	148ft	168ft	184ft
50ft leader cable	120ft	132ft	148ft

ASHRAE Code Compliant - Lumenfacade™ 5W/ft Maximum run length by 15A circuit			
Cable length/Voltage	**120V**	**240V**	**277V**
10ft leader cable	180ft	250ft	300ft
50ft leader cable	168ft	230ft	280ft

Dimming Version (EcoSystem®)
1% minimum dimming value

From
Lutron EcoSystem Controller

Data+ red
Data– orange

120-277V

To fixtures

Line black
Ground green
Neutral white

Junction box
(by others)

Sealing
end cap

Jumper cable
#16-5

Leader cable
#16-5

JBOX

Grafik Eye® shown

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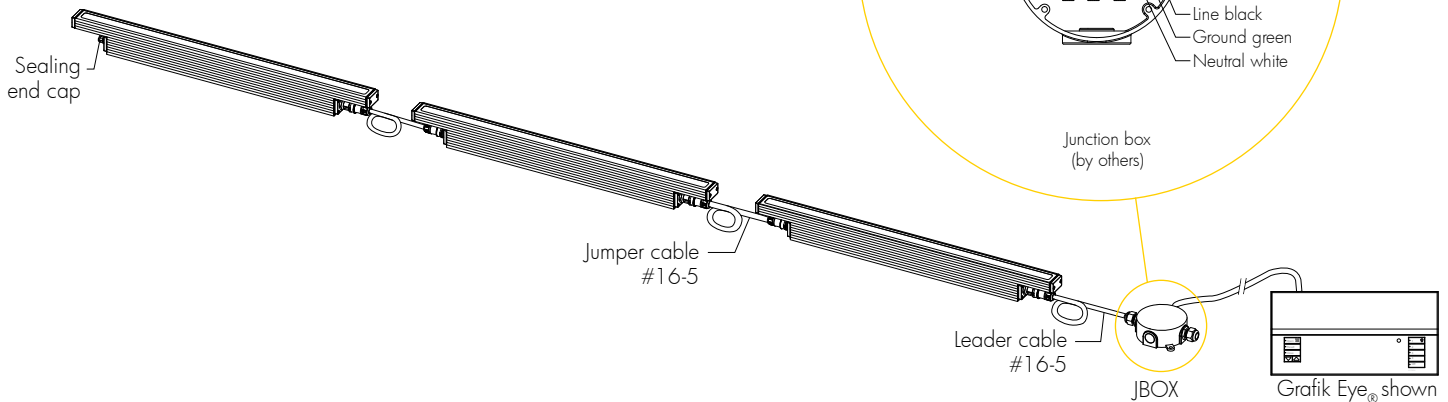
TYPICAL WIRING DIAGRAMS - continued

Star Layout (DMX Dimming)
1% minimum dimming value

Jumper cable end-to-end #16-5

Leader cable #16-5

120-277V Data input

CBOX

DMX input

Lumentouch

120-240V
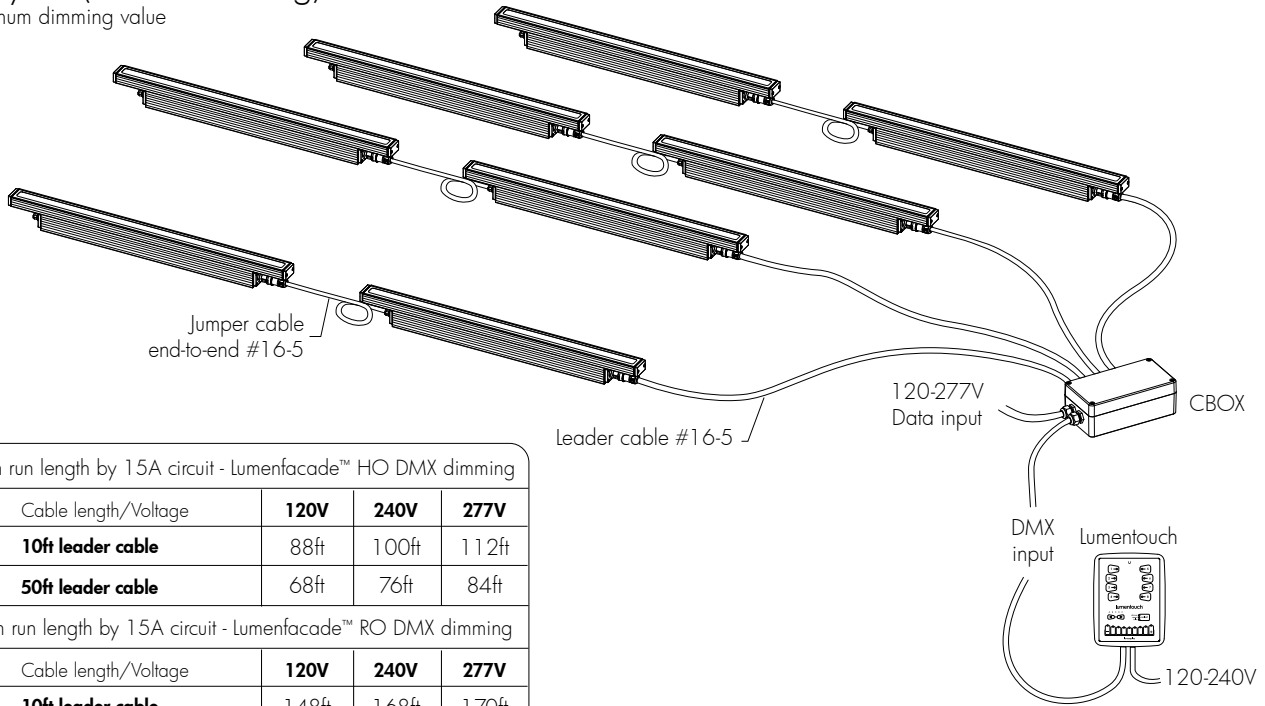
Maximum run length by 15A circuit - Lumenfacade™ HO DMX dimming			
Cable length/Voltage	**120V**	**240V**	**277V**
10ft leader cable	88ft	100ft	112ft
50ft leader cable	68ft	76ft	84ft

Maximum run length by 15A circuit - Lumenfacade™ RO DMX dimming			
Cable length/Voltage	**120V**	**240V**	**277V**
10ft leader cable	148ft	168ft	170ft
50ft leader cable	120ft	132ft	148ft

ASHRAE Code Compliant - Lumenfacade™ 5W/ft DMX dimming Maximum run length by 15A circuit			
Cable length/Voltage	**120V**	**240V**	**277V**
10ft leader cable	170ft	170ft	170ft
50ft leader cable	168ft	170ft	170ft

*Up to 170 individually addressable 1 foot sections per DMX run.
Consult factory for specific applications.

Daisy Chain Layout (DMX Dimming)
1% minimum dimming value

Sealing end cap

Jumper cable #16-5

Jumper cable #16-5

Lumentouch

120-240V

Sealing end cap

Jumper cable end-to-end #16-5

Leader cable #16-5

120-277V Data input

CBOX

Jumper cable #16-5

Leader cable #16-5

120-277V Data input

CBOX

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SPECIFICATION SHEET
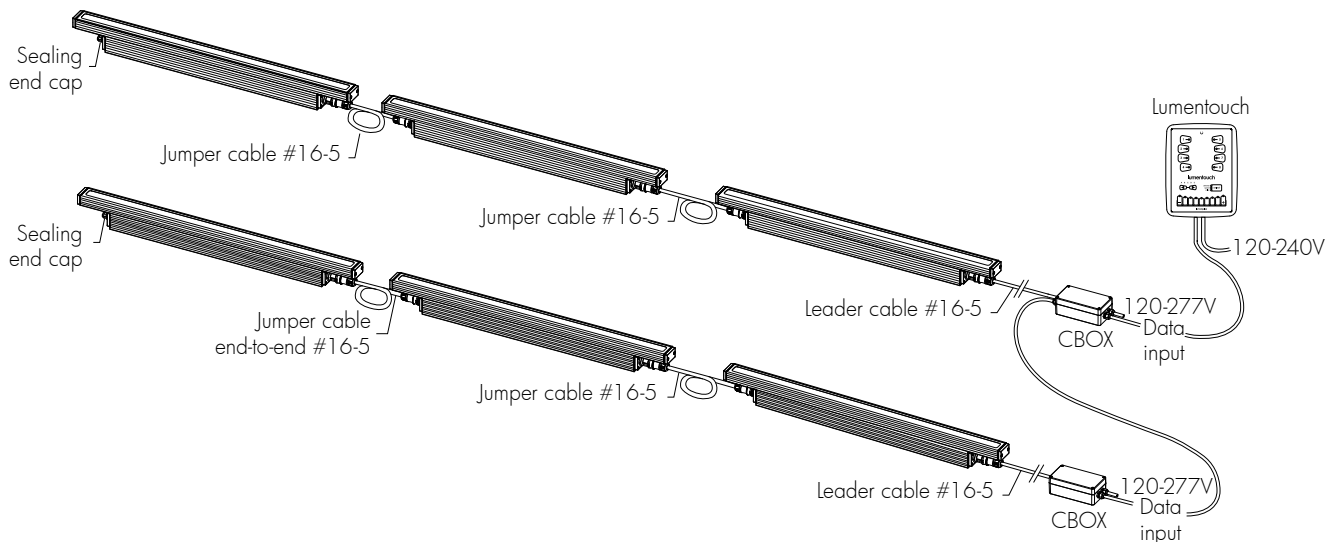
HOW TO ORDER

LOG

Housing	Voltage	Length	Colors and color temperatures	Optic	Mounting Option	Finish	Control	Option
1	2	3	4	5	6	7	8	9

1

Housing:

LOG ASHRAE - Lumenfacade™, 5W/ft ASHRAE compliant

LOG RO - Lumenfacade™ Regular Output, 8.5W/ft

LOG HO - Lumenfacade™ High Output, 15.25W/ft

2

Voltage:

120 - 120 volts
208 - 208 volts
220/240 - 220 to 240 volts
277 - 277 volts

3

Length:

12 - 13 3/8 inches (340mm) (2 kg/4.5 lbs)
24 - 25 3/8 inches (645mm) (3.17 kg/7 lbs)
36 - 37 3/8 inches (949mm) (4.75 kg/10.5 lbs)
48 - 49 3/8 inches (1254mm) (6.35 kg/14 lbs)

4

Colors and Color temperatures:

27K - 2700K
30K - 3000K
35K - 3500K
40K - 4000K
RD - Red
GR - Green
BL - Blue

5

Optics:

10x10 - 10° x 10°

*For best results use with HO fixtures at a 6-inch (15cm) setback from surface. Contact factory for application support.
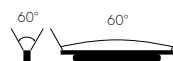
10x60 - 10° x 60°

30x60 - 30° x 60°

60x60 - 60° x 60°

6

Mounting Option:

SAM - Slim Adjustable Mounting

UMP - Fixed Mounting
(Suitable to use when **3GV** option is specified)

UMAS - Universal Adjustable Mounting
(Suitable to use when **3GV** option is specified)

WAM2 - Adjustable Wall Mounting 2"

WAM6 - Adjustable Extended Arm Mounting 6"

WAM12 - Adjustable Extended Arm Mounting 12"

7

Finish:

SI - Silver SandText
BK - Black SandText
WH - White
CC - Custom (please specify RAL color)

8

Control:

NO - No Dimming

LT - Lumentalk Dimming
(available for 2', 3' and 4' lengths only)
(1% minimum dimming value)

DIM - 0-10V Dimming option
(10% minimum dimming value)

DMX 1FT - DMX Dimming option, resolution per foot
(1% minimum dimming value)

DMX 1FX - DMX Dimming option, resolution per fixture
(1% minimum dimming value)

DALI - DALI Dimming option
(1% minimum dimming value)

ES - Lutron® EcoSystem® Enabled Dimming
(available for 2', 3' and 4' lengths only)
(1% minimum dimming value)

9

Option:

ETE - End - to - end configuration, no jumper cable needed
CRC - Corrosion-resistant Coating
3GV - 3G ANSI C136.31 Vibration Rating
N.B. Available with UMP and UMAS mounting options only.

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