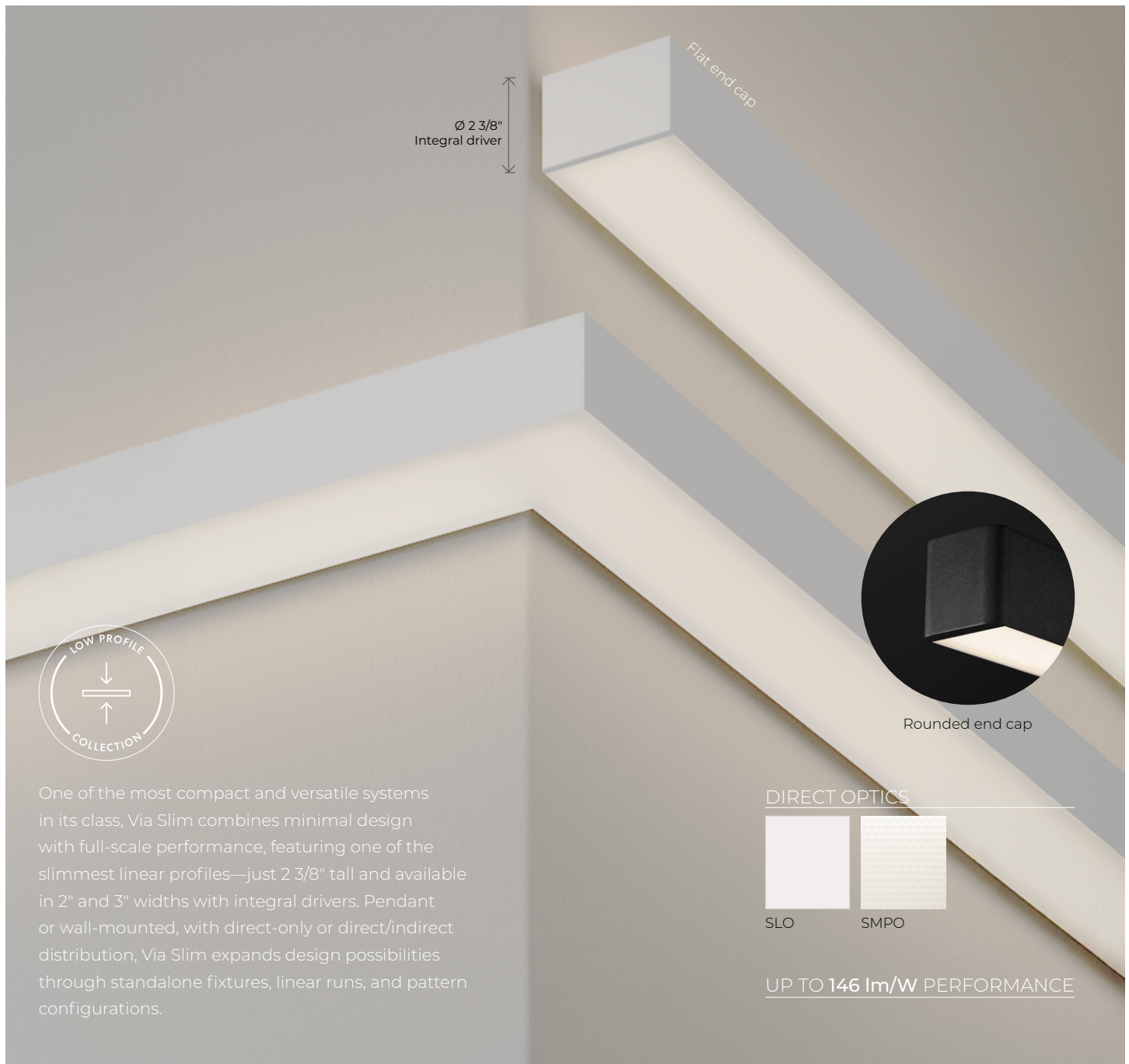


VIA SLIM 3

WALL

DIRECT/INDIRECT, DIRECT



Ø 2 3/8"
Integral driver

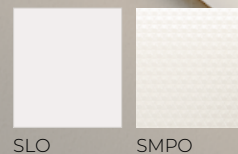
Flat end cap

Rounded end cap



One of the most compact and versatile systems in its class, Via Slim combines minimal design with full-scale performance, featuring one of the slimmest linear profiles—just 2 3/8" tall and available in 2" and 3" widths with integral drivers. Pendant or wall-mounted, with direct-only or direct/indirect distribution, Via Slim expands design possibilities through standalone fixtures, linear runs, and pattern configurations.

DIRECT OPTICS



UP TO 146 lm/W PERFORMANCE



SENSORS
For latest information on sensors, click [here](#).



Brochure

VIA SLIM 3

WALL

DIRECT/INDIRECT, DIRECT



Project: _____

Type: _____

Order Guide - Linear

For pattern order guide, see page 3.

LUMINAIRE ID	DISTRIBUTION	DIRECT OPTIC	INDIRECT OPTIC Specify NA for Direct fixture	LIGHT SOURCE	CRI
VSLIM3W					
VSLIM3W - Via Slim 3" Wall	DI - Direct/Indirect D - Direct	SLO - Shallow Lambertian Optic SMPO - Shallow Micro-Prismatic Optic	TIO - Translucent Indirect Optic WAI2 - Widespread Asymmetric Indirect Optic NA - Not applicable	SW - Static white FS - Full spectrum static white	<u>Static white</u> 80CRI - 80+ CRI 90CRI - 90+ CRI <u>Full spectrum</u> 95CRI - 95+ CRI

DIRECT LUMEN PACKAGE	INDIRECT LUMEN PACKAGE Specify NA for Direct fixture	COLOR TEMP.	LUMINAIRE LENGTH	VOLTAGE
350LMF - Low output 350 lm/ft 500LMF - Medium output 500 lm/ft 750LMF ¹ - High output 750 lm/ft 1000LMF ^{1,2,3} - Ultra high output 1000 lm/ft ¹ Not available with BHX optic option. ² For Direct/Indirect, Indirect must not exceed 500 lm/ft. ³ Not available with full spectrum. ⁴ For Direct/Indirect, Direct must not exceed 500 lm/ft.	350LMF - Low output 350 lm/ft 500LMF - Medium output 500 lm/ft 750LMF - High output 750 lm/ft 1000LMF ^{3,4} - Ultra high output 1000 lm/ft NA - Not applicable	27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K 50K - 5000K	#FT#IN ⁵ - Specify nominal length (#) in 1' and/or 1" increments Standard nominal lengths: Single units: 2' to 8' Continuous runs: lengths over 8' ⁵ - Minimum 2' for Direct. - Minimum 3' for Direct/Indirect.	120V - 120V 277V - 277V UNV - 120V-277V 347V ⁶ - 347V ⁶ Available with D1 driver only.

DRIVER	ELECTRICAL	ELECTRICAL SECTIONS (optional) ^{13,14}
D1 - 1% 0-10V ELV ⁷ - ELV 120V TRI ⁷ - TRIAC 120V DA ⁸ - DALI LDE1 ⁸ - Lutron Hi-lume 1% Eco ELD1 - eldoLED 1% ECOdrive 0-10V ELD0 - eldoLED 0.1% SOLOdrive 0-10V ⁷ Available with 120V only. ⁸ On-site commissioning is required.	1C - 1 circuit 2C ⁹ - 2 circuits #MC ¹⁰ - Multi circuit EC - Emergency-powered fixture NL - Night light fixture DL - Daylight fixture GTD ^{11,12} - Generator transfer device fixture ⁹ Available for Direct/Indirect only. Separate direct and indirect circuits. ¹⁰ Specify total number of circuits (#), including any required for electrical section or module options. Provide drawing or layout specifications. Minimum 4' section per circuit. ¹¹ Minimum 4' fixture. ¹² Not available with 347V.	#EC## ¹⁵ - Emergency-powered section #NL## ¹⁵ - Night light section #DL## ¹⁵ - Daylight section #CTD## ^{15,16,17} - Generator transfer device section #EMB ^{17,18} - Emergency battery NA - None ¹³ Specify with multi circuit (#MC) electrical option only. ¹⁴ Provide drawing or layout specifications. Consult factory for other configurations. Default section length is 4'. ¹⁵ Specify quantity (#), and section length in inches (##). ¹⁶ Minimum 4' section. ¹⁷ Not available with 347V. ¹⁸ Specify quantity (#). All batteries will be on the same circuit. Each battery powers a 4' section. For Direct/Indirect, minimum 8' fixture.

MOUNTING	FINISH	END CAP	CONTROL ¹⁹	OPTION
DMB				
DMB - Drywall mounting bracket	W - Matte white AL - Aluminum B - Matte black CF# - Custom finish, specify RAL#	FL - Flat RD - Rounded	STANDALONE CONTROLS ^{20,21} Specify the quantity (#) of sensors per fixture. #ODS - Onboard Daylight CONNECTED CONTROLS ²² NA - None ¹⁹ Standalone and connected control options cannot be combined. ²⁰ Available with D1 driver and 1 circuit options only. ²¹ Minimum 4' per zone. Provide control zone length. ²² Consult factory for connected controls. Compatible systems include Lutron, Encelium, Cooper, Acuity, Casambi, and Legrand.	FU120 - Fuse 120V FU277 - Fuse 277V NA - None

VIA SLIM 3

WALL

DIRECT/INDIRECT, DIRECT



Project: _____

Type: _____

Order Guide - Pattern

For the linear order guide, see page 2.

A drawing of your pattern is required - anything from a line drawing to an architectural drawing.

LUMINAIRE ID	DISTRIBUTION	DIRECT OPTIC	INDIRECT OPTIC Specify NA for Direct fixture	LIGHT SOURCE	CRI
VSLIM3WPAT					
VSLIM3WPAT - Via Slim 3" Wall Pattern	DI - Direct/Indirect D - Direct	SLO - Shallow Lambertian Optic SMPO - Shallow Micro-Prismatic Optic	TIO - Translucent Indirect Optic WAI2 - Widespread Asymmetric Indirect Optic NA - Not applicable	SW - Static white FS - Full spectrum static white	<u>Static white</u> 80CRI - 80+ CRI 90CRI - 90+ CRI <u>Full spectrum</u> 95CRI - 95+ CRI

DIRECT LUMEN PACKAGE	INDIRECT LUMEN PACKAGE Specify NA for Direct fixture	COLOR TEMP.	PATTERN LENGTH	CORNER TYPE ^{5, 6}
350LMF - Low output 350 lm/ft 500LMF - Medium output 500 lm/ft 750LMF - High output 750 lm/ft 1000LMF ^{1, 2} - Ultra high output 1000 lm/ft ¹ For Direct/Indirect, Indirect must not exceed 500 lm/ft. ² Not available with full spectrum. ³ For Direct/Indirect, Direct must not exceed 500 lm/ft.	350LMF - Low output 350 lm/ft 500LMF - Medium output 500 lm/ft 750LMF - High output 750 lm/ft 1000LMF ^{2, 3} - Ultra high output 1000 lm/ft NA - Not applicable	27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K 50K - 5000K	##FT##IN(##X##FT##IN-##X##FT##IN-...) ⁴ - ##FT##IN: total nominal length of pattern in feet and/or inches #X: quantity of each section #FT##IN: nominal length of each section in feet and/or inches Continuous runs: lengths over 8' ⁴ Minimum 2' for Direct. Minimum 3' for Direct/Indirect.	#LEV2C(A90) - 2-way leveled corner ⁵ See page 4 for details. Corner angle is 90°. ⁶ Specify quantity (#).

VOLTAGE	DRIVER	ELECTRICAL	ELECTRICAL SECTIONS (optional) ^{14, 15}
120V - 120V 277V - 277V UNV - 120V-277V 347V ⁷ - 347V ⁷ Available with DI driver only.	D1 - 1% 0-10V ELV ⁸ - ELV 120V TRI ⁸ - TRIAC 120V DA ⁹ - DALI LDE1 ⁹ - Lutron Hi-lume 1% Eco ELD1 - eldoLED 1% ECOdrive 0-10V ELD0 - eldoLED 0.1% SOLOdrive 0-10V ⁸ Available with 120V only. ⁹ On-site commissioning is required.	1C - 1 circuit 2C ¹⁰ - 2 circuits #MC ¹¹ - Multi circuit EC - Emergency-powered fixture NL - Night light fixture DL - Daylight fixture GTD ^{12, 13} - Generator transfer device fixture ¹⁰ Available for Direct/Indirect only. Separate direct and indirect circuits. ¹¹ Specify total number of circuits (#), including any required for electrical section or module options. Provide drawing or layout specifications. Minimum 4' section per circuit. ¹² Minimum 4' fixture. ¹³ Not available with 347V.	#EC## ¹⁶ - Emergency-powered section #NL## ¹⁶ - Night light section #DL## ¹⁶ - Daylight section #GTD## ^{16, 17, 18} - Generator transfer device section #EMB ^{18, 19} - Emergency battery NA - None ¹⁴ Specify with multi circuit (#MC) electrical option only. ¹⁵ Provide drawing or layout specifications. Consult factory for other configurations. Default section length is 4'. ¹⁶ Specify quantity (#), and section length in inches (##). ¹⁷ Minimum 4' section. ¹⁸ Not available with 347V. ¹⁹ Specify quantity (#). All batteries will be on the same circuit. Each battery powers a 4' section. For Direct/Indirect, minimum 8' fixture.

MOUNTING	FINISH	END CAP	CONTROL ²⁰	OPTION
DMB				
DMB - Drywall mounting bracket	W - Matte white AL - Aluminum B - Matte black CF# - Custom finish, specify RAL#	FL - Flat RD - Rounded	<u>STANDALONE CONTROLS</u> ^{21, 22} Specify the quantity (#) of sensors per fixture. #ODS - Onboard Daylight <u>CONNECTED CONTROLS</u> ²³ NA - None ²⁰ Standalone and connected control options cannot be combined. ²¹ Available with DI driver and 1 circuit options only. ²² Minimum 4' per zone. Provide control zone length. ²³ Consult factory for connected controls. Compatible systems include Lutron, Encellium, Cooper, Acuity, Casambi, and Legrand.	FU120 - Fuse 120V FU277 - Fuse 277V NA - None

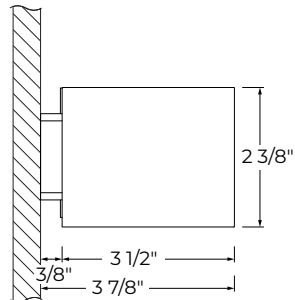
VIA SLIM 3

WALL

DIRECT/INDIRECT, DIRECT



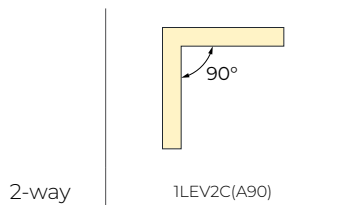
Dimensions



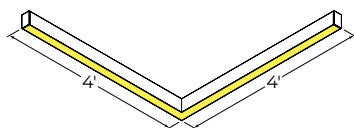
Pattern Layout

CORNER TYPE

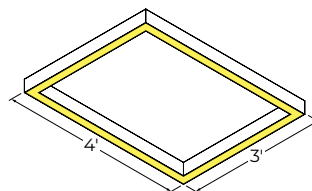
LEVELED CORNER



EXAMPLES



8FT(2X4FT)-1LEV2C(A90)



14FT(2X4FT-2X3FT)-4LEV2C(A90)

VIA SLIM 3

WALL

DIRECT/INDIRECT, DIRECT

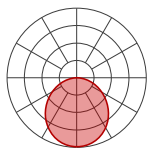


Photometrics

Values calculated based on a 4' fixture at 3500K for all optics.

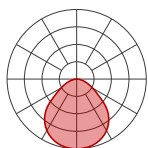
DIRECT OPTICS

SLO



LM/FT	W/FT	LM/W
350	2.4	146
500	3.5	143
750	5.5	137
1000	7.6	131

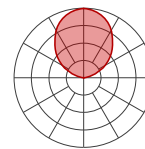
SMPO



LM/FT	W/FT	LM/W
350	2.5	141
500	3.6	138
750	5.6	133
1000	7.9	127

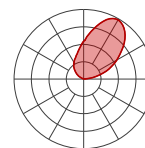
INDIRECT OPTICS

TIO



LM/FT	W/FT	LM/W
350	2.8	127
500	4.0	124
750	6.3	119
1000	8.8	114

WAI2



LM/FT	W/FT	LM/W
350	2.5	139
500	3.7	135
750	5.8	130
1000	8.0	125

MULTIPLIER TABLES

Use this table to get results for different color temperatures for all photometric tables.

CCT	WATTS	LPW
	80+ CRI/90+ CRI	80+ CRI/90+ CRI
2700K	1.05	0.95
3000K	1.02	0.98
3500K	1.00	1.00
4000K	1.00	1.00
5000K	0.96	1.04

DIRECT/INDIRECT - LPW CALCULATION

For Direct/Indirect performance values, follow the formula.

$$\frac{\left(\begin{array}{c} \text{DIRECT} \\ \text{LM/FT} \end{array} + \begin{array}{c} \text{INDIRECT} \\ \text{LM/FT} \end{array} \right)}{\left(\begin{array}{c} \text{DIRECT} \\ \text{W/FT} \end{array} + \begin{array}{c} \text{INDIRECT} \\ \text{W/FT} \end{array} \right)} = \text{LPW}$$

VIA SLIM 3

WALL

DIRECT/INDIRECT, DIRECT



Technical Specifications

DIRECT OPTICS

Shallow Lambertian Optic (SLO)

A low-profile optic with diffusing acrylic that provides wide light distribution, with matte white reflectors enhancing LED output spread.

Shallow Micro-Prismatic Optic (SMPO)

A low-profile optic featuring a micro-prismatic lens that balances refraction and reflection, reducing glare while maintaining efficiency and uniform light distribution.

INDIRECT OPTICS

Translucent Indirect Optic (TIO)

The Translucent Indirect Optic (TIO) is composed of a horizontal LED array that has a translucent lens to mask pixilation from the diodes. TIO has a 100° spread in the indirect that is ideal when the fixture is mounted farther away from the ceiling.

Widespread Asymmetric Indirect Optic (WAI2)

The Widespread Asymmetric Indirect Optic (WAI2) offers an upward grazing effect with a 45° forward throw. It softly highlights the ceiling in the up-light while distributing the required illumination of the rest of an interior space. For avoiding glare and enjoying visual comfort, WAI2 is an ideal solution.

LIGHT SOURCE

Static white

Custom linear array of mid-flux LEDs are cartridge-mounted with quick-connect wiring to facilitate service and thermal management. Available in 2700K, 3000K, 3500K, 4000K, and 5000K with a minimum 80+ CRI and an option for 90+ CRI with elevated R9 value. Color consistency maintained to within 3 SDCM. All LEDs have been tested in accordance with IESNA LM-80-08 and the results have shown L80 lumen maintenance greater than 60,000 hours. Absolute product photometry is measured and presented in accordance with IESNA LM-79, unless otherwise indicated.

Full spectrum static white

The full spectrum LED option offers improved color particularly in the cyan region that is beneficial in both healthcare and circadian lighting strategies. The cyan region in full spectrum LED is richer at the 480 nm range.

LUMINAIRE LENGTH

Via Slim 3 is available in standard lengths of 2' to 8'. Continuous runs are available for run lengths over 8'. Exact run length must be noted in the product code. The minimum length is 2' for Direct fixtures, and 3' for Direct/Indirect fixtures. Lengths can be ordered in 1' and/or 1" increments. All individual sections are joined together onsite using the joiner kits provided. Lumenwerx offers joiner kits that are extremely simple to work with in the field and result in a fixture that appears virtually seamless with no light leak at any connection.

ELECTRICAL

Factory-set, adjustable output current LED driver with universal (120-277 VAC) input. Dimmable from 100% to 1% with 0-10V dimming control. Rated life (90% survivorship) of 50,000 hours at 50°C max. ambient (and 70°C max. case) temperature. At maximum driver load: Efficiency > 84%, PF > 0.9, THD < 20%. Other specifiable options include Lutron Hi-Lume 1% Eco, eldoLED 1% ECOdrive 0-10V, eldoLED 0.1% SOLOdrive 0-10V, ELV, TRIAC, and DALI protocol drivers. All of our standard 0-10V drivers are NEMA 410 compliant. ELV and TRI dimming performance (including minimum dimming percentage) subject to dimmer selection.

PoE

Depending on the PoE manufacturer selected, Lumenwerx will install the node in factory as either integral to the luminaire or as a remote module. Factory programming of the PoE node may or may not enable the following functionalities: lumen package, DUO (tunable white), QUADRO (RGBW), emergency battery backup, and sensor integration. These must be addressed and evaluated on a case-by-case basis.

ELECTRICAL SECTION OPTIONS

Electrical section options are available for fixtures specified as multi circuit (#MC). With MC, specify the total number of circuits (#), including any circuits required for optional electrical sections. A drawing is required to specify the layout. Please consult factory for custom configurations.

Electrical sections

Options include emergency-powered (#EC##), night light (#NL##), daylight (#DL##), and generator transfer device (#GTD##) sections. Specify the quantity (#), as well as the section length in inches (##).

Example 1: A 32' Direct fixture with two 8' emergency-powered sections on a second circuit.

Code: 2MC-2EC96

VIA SLIM 3

WALL

DIRECT/INDIRECT, DIRECT



Example 2: A 16' Direct/Indirect fixture with separate circuits for direct and indirect, and with one 4' night light section on the direct side on a third circuit.

Code: 3MC-1NL48

Example 3: A 24' Direct fixture with one 4' generator transfer device section.

Code: 1MC-1GTD48

Battery

Each emergency battery (#EMB) powers a 4' section. All batteries will be on the same circuit. Specify the number of batteries (#) required.

Factory installed long life, high temperature, maintenance-free Lithium-Ion battery pack with self-test functionality, test switch and charge indicator. Minimum of 90 minutes operation, up to 1000 lumens per 4' (25°C) emergency lighting output and recharge time of 24 hours.

MOUNTING

Fixtures may be horizontally mounted to the wall using a bracket. For long runs, a minimum of 6" from adjacent wall is required.

FINISH

Interior: 95%, reflective matte powder coated white paint

Exterior: Matte white, matte black, or aluminum powder coating. Custom finishes are also available.

CONTROLS

Lumenwerx offers several options for integrating occupancy and daylight harvesting controls in our luminaires.

For latest information on sensors, click [here](#).



Standalone controls

An integrated standalone sensor controls the luminaire in which it is installed. Depending on the length, more than one sensor may be necessary and may control the entire luminaire, or just a section of it. These controls operate independently. Unless otherwise agreed, sensor location, blank size, and functionality of the sensor within the luminaire are selected by Lumenwerx. See client drawings for details.

One type is available:

ODS: An integral, daylight harvesting sensor with closed-loop operation dims the luminaire in which it is installed in order to compensate for available daylight. The sensor measures the combination of daylight and luminaire light reflected from horizontal surfaces below the luminaire. Initial onsite calibration is required via the use of provided remote control.

Connected controls

With connected controls, sensors or nodes installed in the luminaire form part of a larger control system infrastructure from manufacturers such as: Lutron, Encelium, Cooper Wavelinx, Acuity nLight, Casambi, Legrand, and others. These connected controls allow for a scalable system providing features like occupancy and daylight control, manual control, scheduling and configuration of various zones and scenes. Energy reporting and system monitoring are also possible. Specific capabilities depend on the control system being used. Consult factory for integrating connected controls in a wall fixture.

CONSTRUCTION

Housing: Extruded aluminum, up to 90% recycled content

Interior brackets: Die-formed cold rolled sheet steel

Joining system: Die-cast zinc

Reflectors: Die-formed cold rolled steel, 95% reflective matte white painted

Lens: Acrylic

End caps: Die-cast aluminum

WEIGHT

Direct/Indirect	Direct
4': 9.47 lbs - 4.3 kg	4': 7.93 lbs - 3.6 kg
8': 16.97 lbs - 7.7 kg	8': 15.43 lbs - 7 kg

CERTIFICATION

ETL: Rated for indoor dry/damp locations. Conforms to UL Standard 1598 and certified to CAN/CSA Standard C22.2 No. 250.0.

WARRANTY

Lumenwerx provides a five-year limited warranty on electrical and mechanical performance of the luminaires, including the LED boards, drivers, and auxiliary electronics. Lumenwerx will repair or replace defective luminaires or components at our discretion, provided they have been installed and operated in accordance with our specifications. Other limitations apply, please refer to the full warranty on our website.