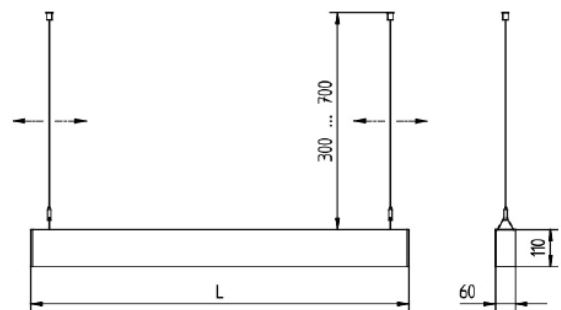**Waldmann** **W**

ENGINEERS OF LIGHT

IDOO/DOTOO.LINE
LINEAR LIGHTING SYSTEM

This series of architectural lighting features a sleek 2.4″ x 4.3″ profile, ideal for any type of atrium, lobby, or office configuration. The minimalistic design blends seamlessly with surrounding decor or architecture. Direct/indirect or 100% direct LED light is generated by specially designed reflection technology. The modular interlocking system allows for flexibility in layouts - linear runs can be achieved with multiple fixtures in a series for up to 60 feet. Many length, mounting and illumination options offer a customized look to your space.

- Made from extruded aluminum with fused aluminum end caps
- Durable powder coat finish
- High efficiency clear indirect lens
- Choice of direct optics, including low UGR STARLINE architectural MD optics
- Choose from standard or customize to your light output requirements
- **Compatible with most lighting controls and sensors**
- Design as you choose with full line of options for patterns, recessed, or standalone solutions. (consult factory)
- Standard fixtures are compatible with all common 0-10V lighting controls

Client:	Project Name:
Fixture Type:	Quantity:

(Submittal sheets available at waldmannlighting.com)
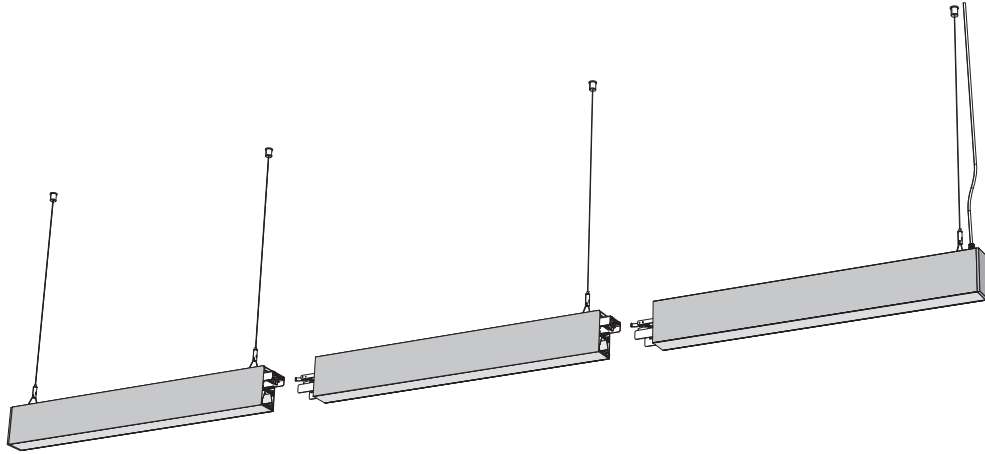
Configure Your Part Number

Select from the following options to build a part number for your unique application.

LLS - _____ - _____ - _____ - _____ - _____

Nominal Length	Mounting	Distribution	Direct Lens	CCT
3 - 3 ft	P - Pendant	ID - Indirect/Direct (60/40)	CDP - Prismatic	30 - 3000K
4 - 4 ft	S - Surface	D - Direct Only	DO - Satine (Frosted)	35 - 3500K
5 - 5 ft	R - Recessed	Other - Consult Factory	MD - STARLINE MD Architectural Optics	40 - 4000K
8 - 8 ft	W - Wall		WW - STARLINE Uniform Wall Wash	VTL - 2700K-5700K
x(FT) - Enter				
continuous linear feet				

- _____ - _____ - _____ - _____

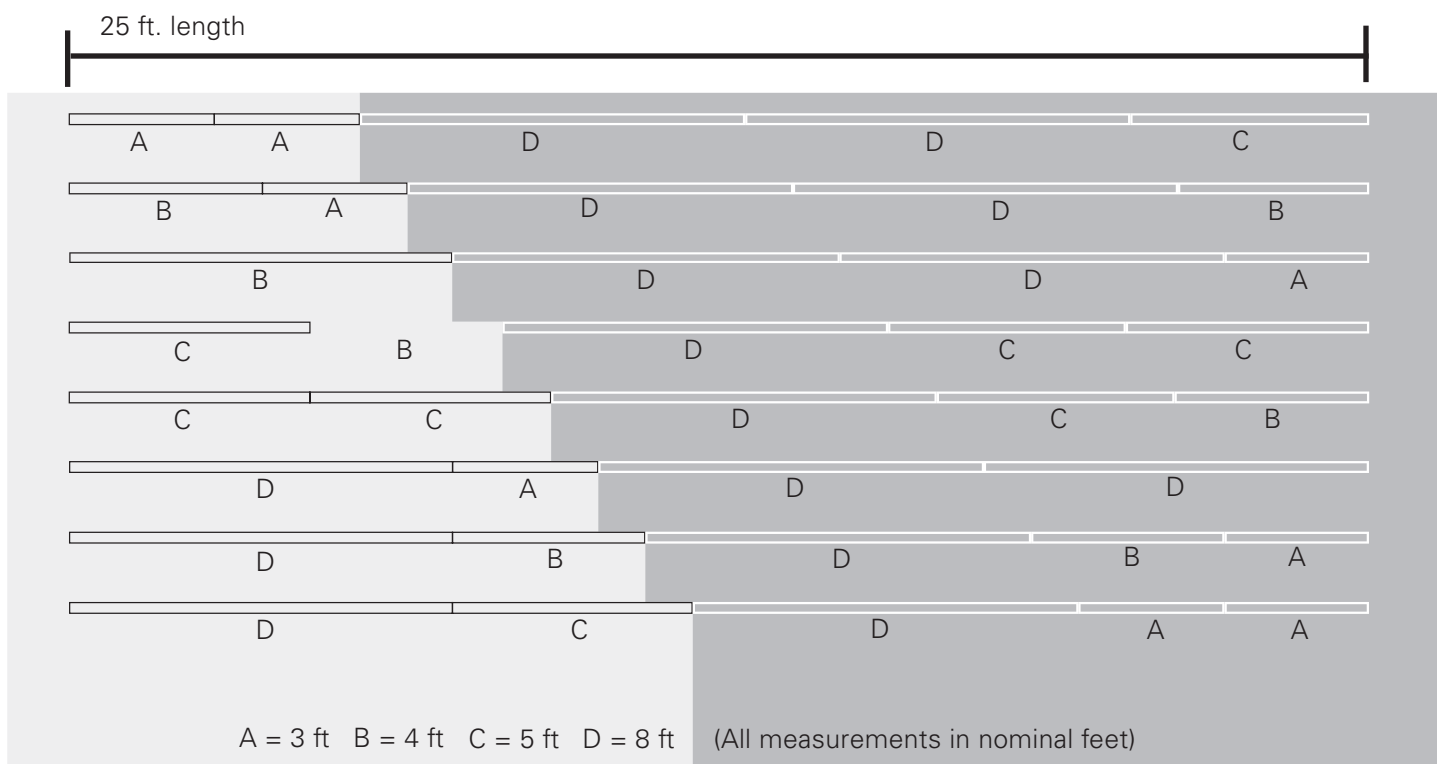| Voltage	Driver	Sensor	Color
U - 120-277V	STD - 0 -10V	N - None	W - White - (Quickship)
PoE - Low Voltage	DALI - DALI-2	DL - Daylight	G - Gray
NET - Waldmann	PSQ - Lutron T-Series Tunable	M - Motion	B - Black
Net Module	LDE1 - Lutron HiLume 1% EcoSystem	VDO - Lutron Vive Daylight/Occupancy	Other - Consult Factory
	LED5 - Lutron 5-Series EcoSystem	VRF - Lutron Vive RF	
	CS - Molex CoreSync Power Over Ethernet	CSR - CoreSync Sensor R	
	Other - Consult Factory	NET - Waldmann Net Module	
		BLE - Bluetooth Casambi	
		Other - Consult Factory	

Choose Your Length

The IDOO/DOTOO.line series can be used as a stand-alone in standard lengths, or configured in a continuous linear run easily linking any combination of fixtures.

8 ft (2244 mm)

5 ft (1402 mm)

4 ft (1122 mm)

3 ft (842 mm)

blind cover (available in all lengths)

(Nominal in feet and exact in millimeters.)
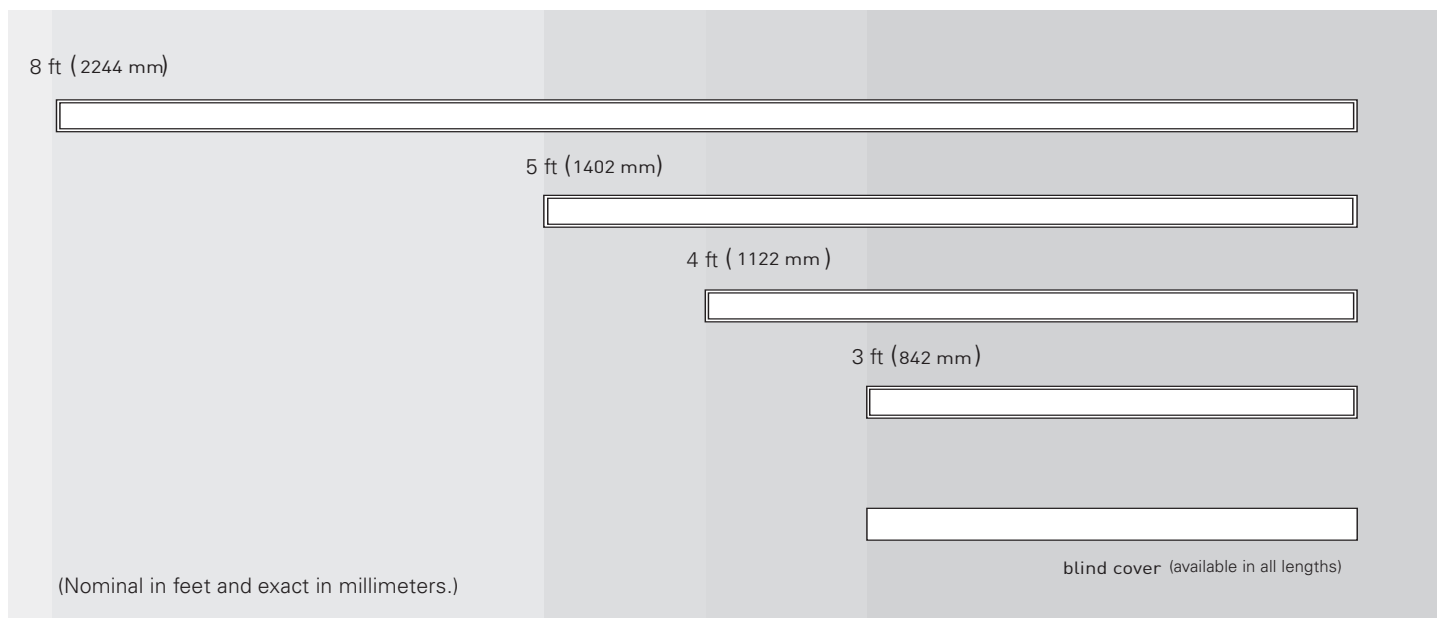
Build Your Linear Run

One powerfeed operates up to 60 feet, allowing for a variety of design and linear run options. The same linear run can be configured utilizing a variety of lengths of fixtures, as illustrated below, which allows optional placement of STAR-LINE wall wash or MD optics where needed.

25 ft. length

A	A	D	D	C
B	A	D	D	B
B		D	D	A
C	B	D	C	C
C	C	D	C	B
D	A	D	D	
D	B	D	B	A
D	C	D	A	A

A = 3 ft   B = 4 ft   C = 5 ft   D = 8 ft   (All measurements in nominal feet)

Light Mounting and Distribution

The IDOO/DOTOO.line series features the same profile fixture with mountings that vary - recessed, ceiling mounted, suspended, and wall mounted, as well as direct-only or direct/indirect lighting distributions, as illustrated below.

Whether installed as a stand-alone fixture or a continuous run, the sleek, simple form blends beautifully in any space and allows the room design to take center stage.
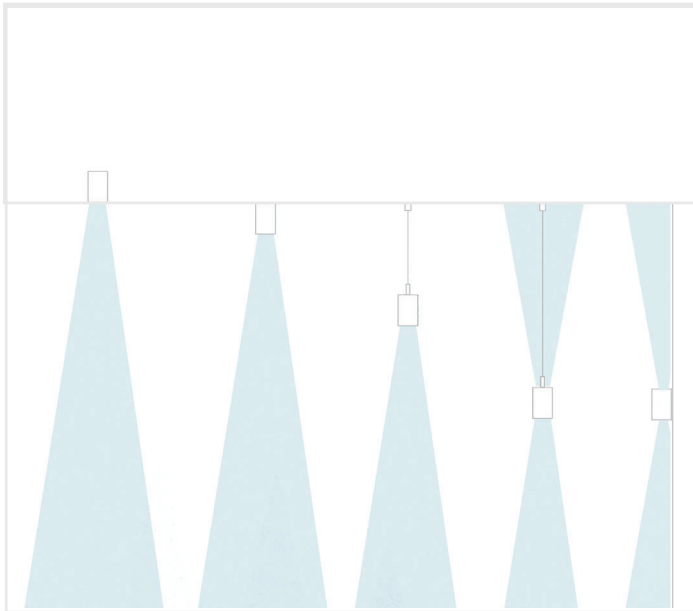
(Distributions not to scale)

Lens Optics

Direct light distribution can be custom selected with four unique optics to choose from- the STARLINE MD architectural optic, DO opal diffuser, CDP prismatic diffuser, and the STARLINE WW uniform wall washer optic.

STARLINE™ MD Architectural Optics

Linear multispot downlight reflectors with micro facets allow precise shaping of light beam. Angles of direct light beam and light reflected from the reflector are perfectly aligned, providing sharp cut off for full visual comfort. The optics also boasts UGR as low as < 6.
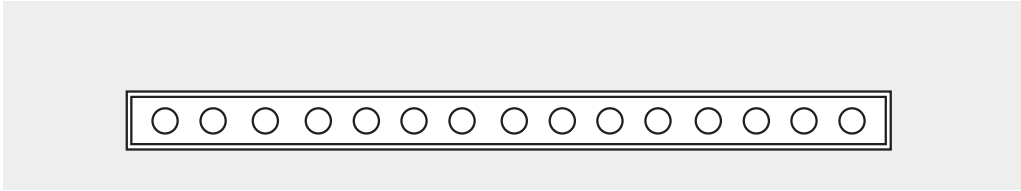
DIRECT

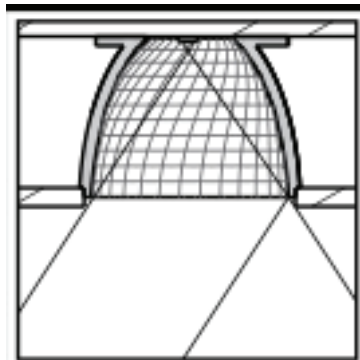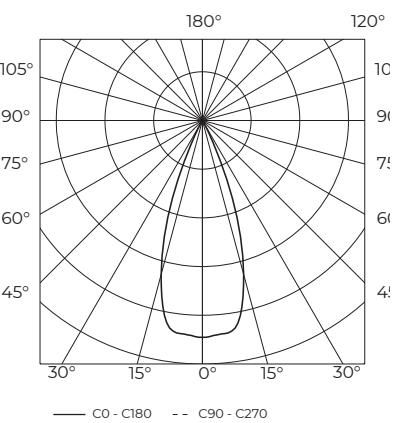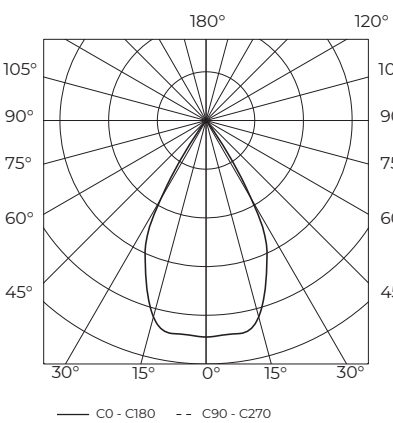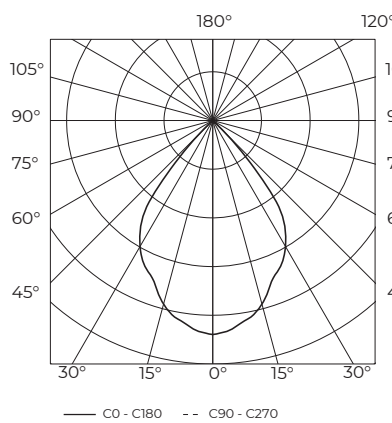|	
Four fixture lengths	33 in.(846 mm)/ 44 in.(1126 mm)/ 66 in.(1406 mm)/ 88 in.(2248 mm)
Beam angles	35°, 55°, 75°
UGR	<6 (35°), <10 (55°), <19 (75°)
Total power	42-70W
Luminaire efficiency	82-92 lumens/W
Color temperature	2700K/4000K/2700-5200K
CRI	>80
LED service life	50,000 hours L70B10/ SCDM3
Voltage	120-277V; 50-60Hz
Compatible with	0-10V, DALI, LUTRON (consult factory for other)

Beam Angle - 35°

Beam Angle - 55°

Beam Angle - 75°

C0 - C180   C90 - C270

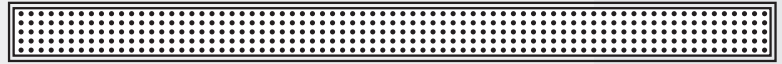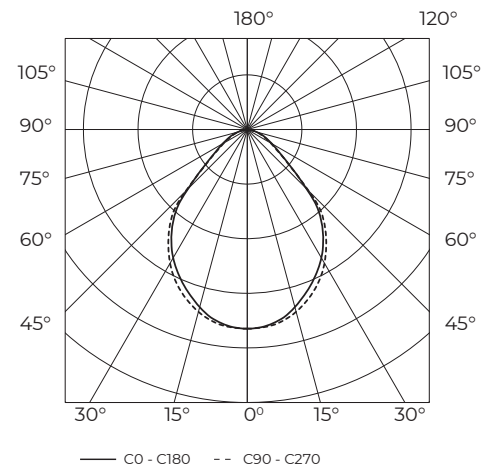## DO Optics

The opal diffuser provides a uniformly illuminated surface, dispersing light evenly, while diffracting the view of any visible light sources.

DIRECT

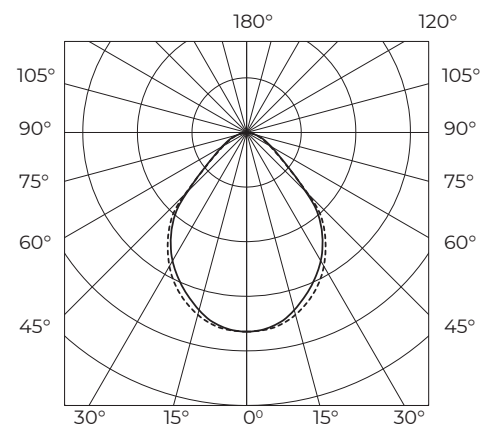|	
Four fixture lengths	33 in.(846 mm)/ 44 in.(1126 mm)/ 66 in.(1406 mm)/ 88 in.(2248 mm)
Total power	11-30W
UGR	<25
Luminaire efficiency	122 lumens/W
Color temperature	3000K/ 3500K/ 4000K/ 2700-5700K
CRI	>80
LED service life	60,000 hours L80B10/ SCDM3
Voltage	120-277V; 50-60Hz
Compatible with	0-10V, DALI, LUTRON (consult factory for other)

—— C0 - C180   – – C90 - C270

CDP Prismatic Optics (Standard Offering)

The highly transparent micro prismatic diffuser provides glare limitation and a soft, uniform light. The opal foil spreads light evenly without visible light sources. The transparent extruded PMMA protector provides a smooth surface for easy maintenance.

DIRECT

Four fixture lengths	33 in.(846 mm)/ 44 in.(1126 mm)/ 66 in.(1406 mm)/ 88 in.(2248 mm)
Total power	11-30W
UGR	<19
Luminaire efficiency	98 lumens/W
Color temperature	3000K/ 3500K/ 4000K/ 2700-5700K
CRI	>80
LED service life	60,000 hours L80B10/ SCDM3
Voltage	120-277V; 50-60Hz
Compatible with	0-10V, DALI, LUTRON (consult factory for other)

STARLINE™ Wall Wash Optics

The wall washing reflectors ensure uniform lighting distribution with precise cut off eliminating adjacent glare. Can be placed within any run, or used as standalone.
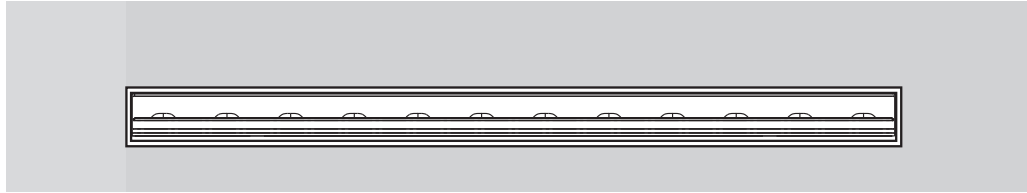
DIRECT

Four fixture lengths	33 in.(846 mm)/ 44 in.(1126 mm)/ 66 in.(1406 mm)/ 88 in.(2248 mm)
Total power	40-106W
Luminaire efficiency	65 lumens/W
Color temperature	3000K/ 3500K/ 4000K/ 2700-5700K
CRI	>80
LED service life	50,000 hours L70B10/ SCDM3
Voltage	120-277V; 50-60Hz
Compatible with	0-10V, DALI, LUTRON (consult factory for other)

C0 - C180   - - C90 - C270
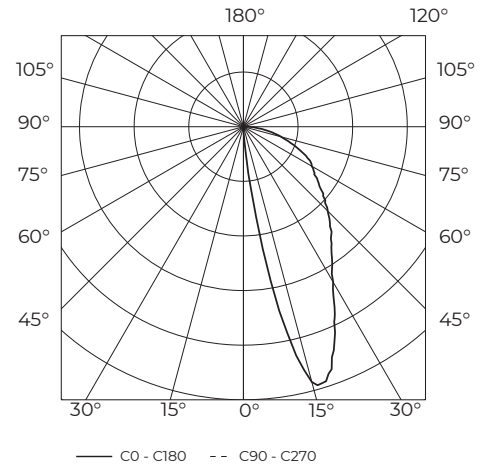
Clear Optics

The indirect light component features a transparent / satin PMMA diffuser.

INDIRECT

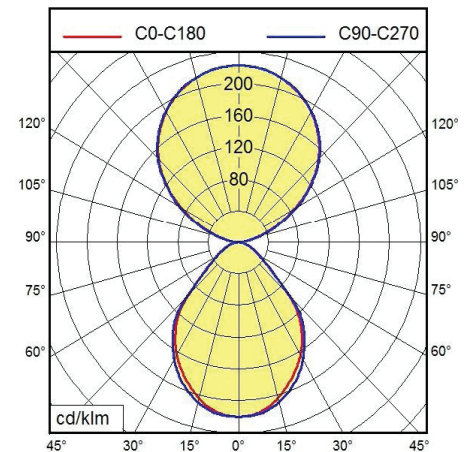|	
Four fixture lengths	33 in.(846 mm)/ 44 in.(1126 mm)/ 66 in.(1406 mm)/ 88 in.(2248 mm)
Total power	8-21 W
Luminaire efficiency	160 lumens/W
Color temperature	3000K/ 3500K/ 4000K/ 2700-5700K
CRI	>80
LED service life	60,000 hours L80B10/ SCDM3
Compatible with	0-10V, DALI, LUTRON (consult factory for other)

C0-C180   C90-C270

cd/klm

(Indirect/Direct light shown)

Compatible with Third-Party Drivers and Sensors

W NET MODULE

Waldmann NetModule

Waldmann NetModule, standalone lighting control system, allows single or color tunable controlling via an SD card and internal clock, without the need of outside controls. The NetModule uses internal DALI protocol to control pre-programed lighting tasks that can be overrided with any wired or wiresless DALI dimmers and switches. Lighting scenes can easily be changed by replacing or reprogramming the SD card.

LUTRON

Lutron

Lutron EcoSystem enabled options for compatibility with Lutron Quantum and other control systems using EcoSystem. T-Series enabled for dynamic white applications using Lutron Quantum Vive wireless enabled for smart building applications in new construction or retrofitting existing buildings. Visit www.lutron.com for more details.

molex | CoreSync

Molex CoreSync

Power over ethernet enabled fixtures communicate with devices and software providing full PoE compatibility for maximum energy management. Fixtures are powered using low voltage cables and gateways for the most modern controls solution. Visit wwwcoresync.molex.com or call our factory for more information. Waldmann offers a full line of CoreSync compatible fixtures.

EASYSENSE

Philips EasySense - Xitanium Sensor

Ready drivers provide an effective foundation for connected lighting systems and network solutions by providing a digital connection between driver and fixture. When used with the EasySense system, fixture settings can be easily configured and modifed. Visit www.usa.lighting.philips.com

enlighted

Enlighted

Using Enlighted patented wireless sensor technology and software, Enlighted ready fixtures can be networked for full control and real time data collection allowing building owners to maximize insights for the smartest building manangement decisions. Information about Enlighted IoT solutions company can be found at www.enlightedinc.com

eldoLED

EldoLED - SOLO or DUAL

These DALI drivers can connect to any open DALI protocal system. DALI-2 certified, LightShape technology, allow for single or tunable white lighting solutions. LEDcode feature connects to digital accessories, supports location based IoT applications and enables wired and wireless lighting control through LEDcode peripheral devices. For information on the wide range of applications, visit www.eldoled.com

CASAMBI

Bluetooth Casambi

This self organizing Wireless Mesh Network fixture utilizes blutooth technology to connect to small or large networks that can be controlled from any point in the system. Fixtures can be controlled by traditional wall switches, wireless switches or from any electronic device through the Casambi app. For more information on bluetooth mesh networks, visit casambi.com

OSRAM ENCELIUM®

Osram ENCELIUM EXTEND

Osram IoT ready fixtures are compatible with all ENCELIUM EXTEND Networked Light Management Sytstem components, including Polaris 3D software. This fully advanced, intelligent light management solution can be found at www.osram.us

nLIGHT

Acuity nLight

nLight compatible fixtures are sensor based digital luminaires for wireless and wired controls. Luminaires can easily join the nLight network for any size project. The go-to digital lighting platform can be found at www.acuitybrands.com

V013020   Disclaimer: The Waldmann IDOO/DOTOO.line Linear Lighting System is not affiliated with the above providers.