

LEDVANCE LUMINAIRES

DUAL SELECTABLE

VAPOR TIGHT ILT

LEDVANCE LUMINAIRE SPECIFICATION DATA

Catalog #	Comments
Project	
Type	
Prepared by	

PERFORMANCE CLASS™



APPLICATION

Ideal in new construction and retrofit applications, the Performance Class Dual Selectable Vapor Tight ILT features dual selectability and is offered in three sizes — 2', 4', and 8'. Useful in tunnels, manufacturing, and a variety of other wet or dusty applications, this product boasts an IP66 rating to ensure a robust and durable product as well as DLC 5.1 listing to maximize rebate opportunities.

BENEFITS & FEATURES

- Up to 140 LPW
- Selectable color temperature:
3500/4000/5000K
- CRI>80
- Selectable wattage and lumens:
 - 15/20/25W | 2130/2820/3500 lm
 - 20/30/40/50W | 2860/4260/5640/7000 lm
 - 70/80/90/100W | 10,010/11,360/12,690/14,000 lm
- DLC 5.1 Listing assures high energy efficiency and qualifies this product for utility rebates
- Optional field installable motion/daylight sensor or integrated emergency battery back-up offer further potential energy savings
- Integrated tray and lens for easy and quick installation
- Stainless steel clips and UV stabilized polycarbonate lens



ELECTRICAL

- 120-347V_{AC} and 277-480V_{AC}
- Power Factor >90%
- THD <20%
- 6kV surge suppression
- 0-10V dimmable
- UL Wet rated
- Auxiliary 12V output

WARRANTY

- 5 year
- NLB Trusted Warranty Program

CERTIFICATIONS & LISTINGS

- UL1598 (cULus)
- RoHS
- FCC
- NEMA 4X
- IP66
- DLC 5.1 Premium
- NSF Splash Zone

RATED LIFE

- 125,000 hours (L₇₀)

OPERATING TEMPERATURE

- -40°F to +122°F (-40°C to +50°C)
- 0°F to +122°F (0°C to +50°C) for EMBB models

INSTALLATION

- Fixture can be surface mounted or suspended
- Stainless steel mounting brackets and V-hooks are included
- Optional corner mount accessory brackets available

ORDERING GUIDE

VAPOR	ILT	/ SXXX	XXX	D	8	SC7	/ XX	/ XX
PRODUCT NAME	GENERATION	SELECTABLE WATTAGE	VOLTAGE	DIMMING	CRI	SELECTABLE COLOR TEMP	LENGTH	OPTIONS
VAPOR = Vapor Tight Luminaire	ILT = Generation ILT	S025 = 15/20/25W S050 = 20/30/40/50W S100 = 70/80/90/100W	UNH = 120-347V HUV = 277-480V	D = 0-10V Dimming	80 = >80 CRI	SC7 = 3500/4000/5000K	24 = 24" 48 = 48" 96 = 96"	E = Emergency battery back up 6C = 6' Cord D = Microwave Daylight/motion sensor*

ORDERING INFORMATION

ITEM #	ORDERING ABBREVIATION	WATTAGE (W)	INPUT VOLTAGE (V)	DIM. (V)	CRI	COLOR TEMP (CCT)	TOTAL FIXTURE LUMENS (LM)	DLC	LPW	LENGTH	OPTIONS
65905	VAPORILT/S025UNHD8SC7/24	15/20/25	120-347	0-10V	>80	3500/4000/5000K	2130/2820/3500	5.1 Prem.	Up to 140	24"	
65906	VAPORILT/S050UNHD8SC7/48	20/30/40/50	120-347	0-10V	>80	3500/4000/5000K	2860/4260/5640/7000	5.1 Prem.	Up to 140	48"	
65907	VAPORILT/S100UNHD8SC7/96	70/80/90/100	120-347	0-10V	>80	3500/4000/5000K	10,010/11,360/12,690/14,000	5.1 Prem.	Up to 140	96"	
66033	VAPORILT/S050UNHD8SC7/48/E	20/30/40/50	120-347	0-10V	>80	3500/4000/5000K	2860/4260/5640/7000	5.1 Prem.	Up to 140	48"	Emergency battery back up
66034	VAPORILT/S100UNHD8SC7/96/E	70/80/90/100	120-347	0-10V	>80	3500/4000/5000K	10,010/11,360/12,690/14,000	5.1 Prem.	Up to 140	96"	Emergency battery back up
66035	VAPORILT/S025UNHD8SC7/24/6C	15/20/25	120-347	0-10V	>80	3500/4000/5000K	2130/2820/3500	5.1 Prem.	Up to 140	24"	6' cord
66036	VAPORILT/S050UNHD8SC7/48/6C	20/30/40/50	120-347	0-10V	>80	3500/4000/5000K	2860/4260/5640/7000	5.1 Prem.	Up to 140	48"	6' cord
66037	VAPORILT/S100UNHD8SC7/96/6C	70/80/90/100	120-347	0-10V	>80	3500/4000/5000K	10,010/11,360/12,690/14,000	5.1 Prem.	Up to 140	96"	6' cord
66059	VAPORILTS050HUV D8SC748	20/30/40/50	277-480	0-10V	>80	3500/4000/5000K	2860/4260/5640/7000	5.1 Prem.	Up to 140	48"	
66060	VAPORILTS100HUV D8SC796	70/80/90/100	277-480	0-10V	>80	3500/4000/5000K	10,010/11,360/12,690/14,000	5.1 Prem.	Up to 140	96"	

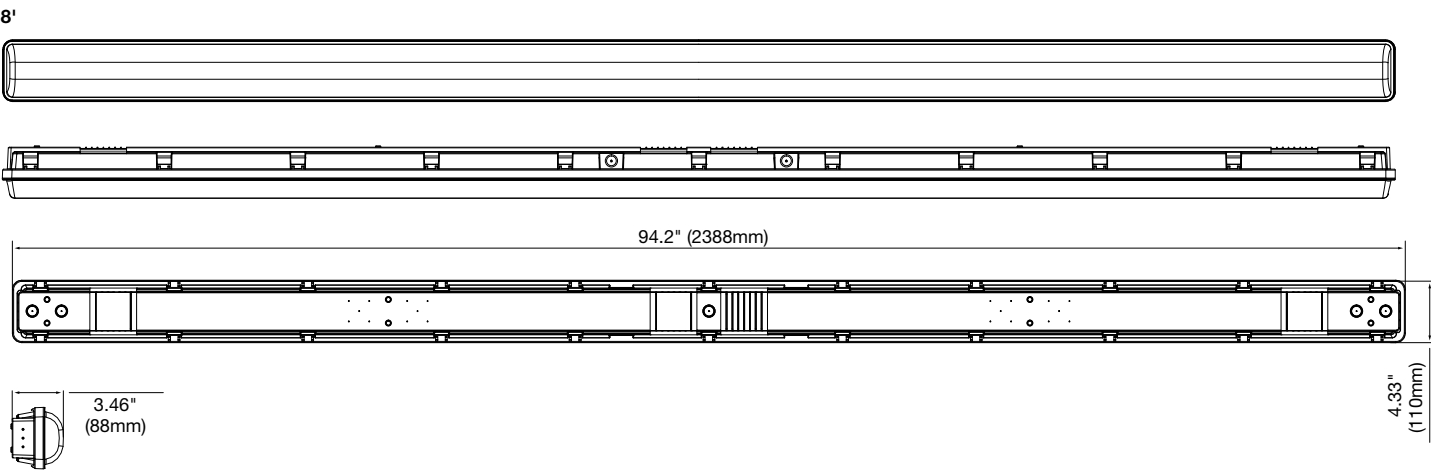
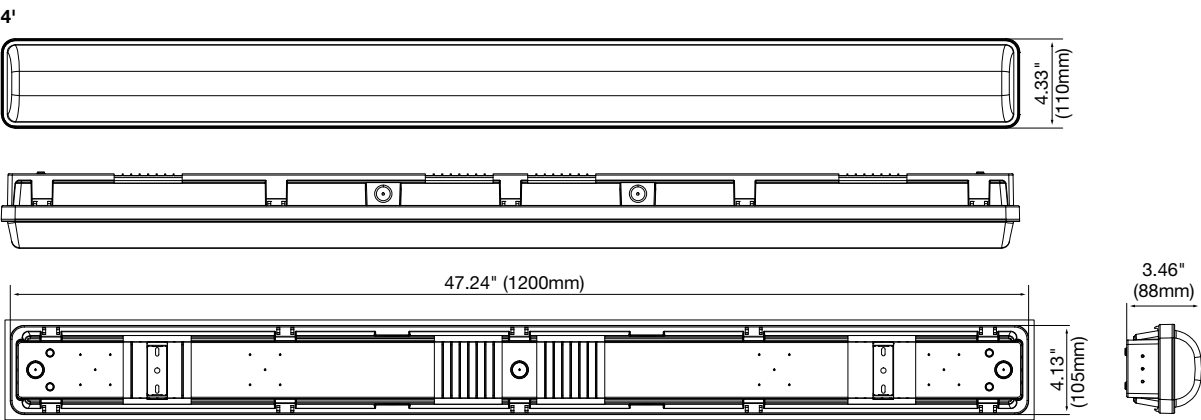
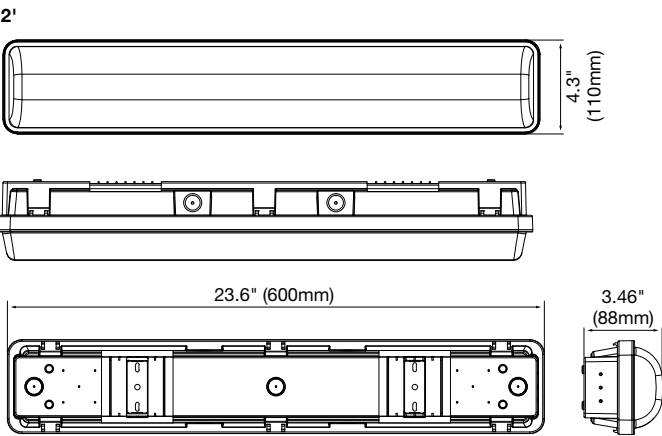
ORDERING INFORMATION (CONTINUED)

ITEM #	ORDERING ABBREVIATION	WATTAGE (W)	INPUT VOLTAGE (V)	DIM. (V)	CRI	COLOR TEMP (CCT)	TOTAL FIXTURE LUMENS (LM)	DLC	LPW	LENGTH	OPTIONS
66217	VAPORILTS025UNHD8SC724D	15/20/25	120-347	0-10V	>80	3500/4000/5000K	2130/2820/3500	5.1 Prem.	Up to 140	24"	Daylight/Motion sensor
66218	VAPORILTS050UNHD8SC748D	20/30/40/50	120-347	0-10V	>80	3500/4000/5000K	2860/4260/5640/7000	5.1 Prem.	Up to 140	48"	Daylight/Motion sensor
66219	VAPORILTS100UNHD8SC796D	70/80/90/100	120-347	0-10V	>80	3500/4000/5000K	10,010/11,360/12,690/14,000	5.1 Prem.	Up to 140	96"	Daylight/Motion sensor
66220	VAPORILTS050UNHD8SC748DE	20/30/40/50	120-347	0-10V	>80	3500/4000/5000K	2860/4260/5640/7000	5.1 Prem.	Up to 140	48"	Daylight/Motion sensor w/ Emergency battery back up
66221	VAPORILTS100UNHD8SC796DE	70/80/90/100	120-347	0-10V	>80	3500/4000/5000K	10,010/11,360/12,690/14,000	5.1 Prem.	Up to 140	96"	Daylight/Motion sensor w/ Emergency battery back up
66222	VAPORILTS025UNHD8SC724D6C	15/20/25	120-347	0-10V	>80	3500/4000/5000K	2130/2820/3500	5.1 Prem.	Up to 140	24"	Daylight/motion sensor w/ 6' cord
66223	VAPORILTS050UNHD8SC748D6C	20/30/40/50	120-347	0-10V	>80	3500/4000/5000K	2860/4260/5640/7000	5.1 Prem.	Up to 140	48"	Daylight/motion sensor w/ 6' cord
66224	VAPORILTS100UNHD8SC796D6C	70/80/90/100	120-347	0-10V	>80	3500/4000/5000K	10,010/11,360/12,690/14,000	5.1 Prem.	Up to 140	96"	Daylight/motion sensor w/ 6' cord

*Microwave daylight/motion sensor can also be field installed – see accessories for ordering information.

PHYSICAL INFORMATION

LUMINAIRE DESCRIPTION	LENGTH IN (MM)	WIDTH IN (MM)	HEIGHT IN (MM)	WEIGHT LB (KG)
2'	23.6 (600)	4.3 (110)	3.46 (88)	3 (1.37)
4'	47.24 (1200)	4.33 (110)	3.46 (88)	5.5 (2.5)
8'	94.02 (2388)	4.33 (110)	3.46 (88)	11 (5)



ACCESSORIES

ITEM #	ORDERING ABBREVIATION	ITEM DESCRIPTION
60573	LNHIBA2A/CHAINMT	Chain Mount (5 foot, 1 pair)
61188	VAPORILT/CORNERMTBRKT	Corner Mounting Brackets
63907	MOTIONDAYSENSOR/MICRO/6M	Internal, field installed Microwave Motion/Daylight Sensor, 19.69 foot max. mounting height, default settings can only be changed using Remote 65305*
65305*	STRIP2A/REMOTE	Remote with screen for Microwave and PIR Motion Sensors — this is required to change the default settings of 63907

*Remote 65305 is required to change the default setting of sensor 63907

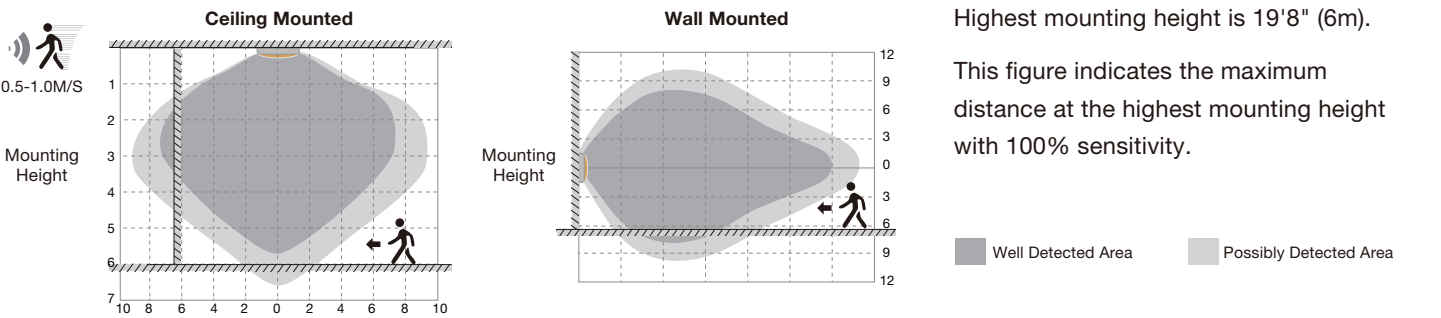
63907

65305

60573

61188

OPTIONAL MOTION DETECTION PATTERNS



Optional LEDVANCE LINK™ Accessories

Field Installable compatible components



Benefits and Features

- The LEDVANCE LINK™ Bluetooth® Mesh Low Voltage components use Bluetooth® technology for easy and secure wireless communication
- Enables regular LEDVANCE luminaires to become Bluetooth® enabled and allows for luminaires to be turned on/off and dimmed (manual or auto)
- Components can be used up to 40ft height
- Control using either the LEDVANCE LINK™ app or the wireless wall controller

Ordering Information

Item Number	Ordering Abbreviation	Description
62634	SENSORHB/PIRAUX12V/BLE	Bluetooth® Mesh low voltage sensor & controller Bluetooth® – Externally BLE enabled daylight/motion sensor (requires 12V supply)



62634

Click or scan QR code for more information on LEDVANCE LINK™



COMMISSIONING GUIDE



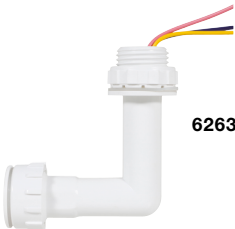
62634

Compatible Products

Item Number	Ordering Abbreviation	Description
62636	WALLSWITCH5KEYBLE	Bluetooth® Mesh Low Voltage 5 Button Wall Controller
62637	SIDEADAPTERAUX	3.5mm Pin L-shaped Receptacle



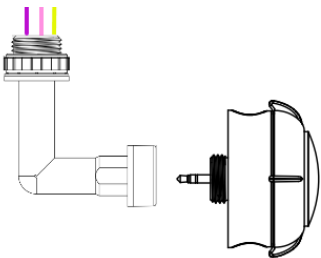
62636



62637

Physical Information

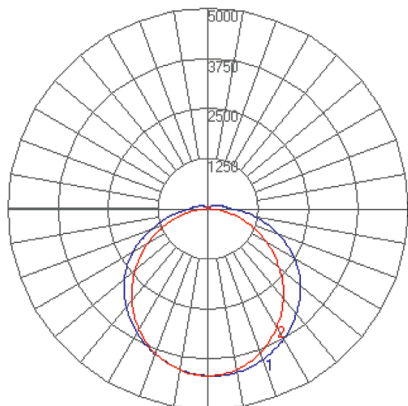
LINK SENSOR/CONTROLLER (62634 + 62637) mounts on a ½" knock out.



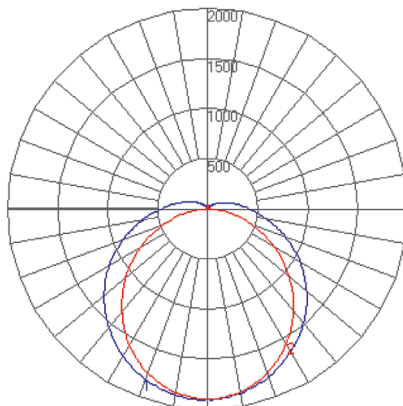
PHOTOMETRIC INFORMATION

LUMINOUS INTENSITY DISTRIBUTION

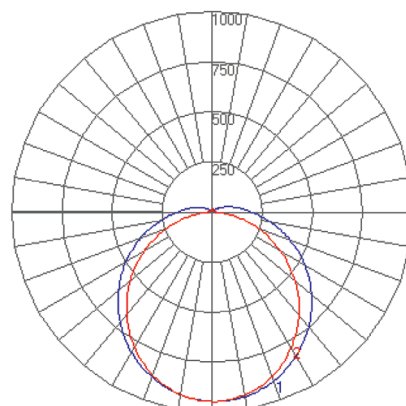
100W Vapor ILT @ 4000K



50W Vapor ILT @ 4000K



25W Vapor ILT @ 4000K



WATTAGE COMPARISON

TRADITIONAL SOURCE	TRADITIONAL SYSTEM WATTAGE	LED SYSTEM WATTAGE	ENERGY SAVINGS
1 × 32W T8	31	15	52%
1 × 32W T8	31	20	35%
2 × 28W T8	50	25	50%
2 × 32W T8	59	30	49%
3 × 28W T8	74	40	46%
3 × 32W T8	89	50	44%
3 × 32W T8	89	50	44%
2 × 54W T5	117	60	49%
4 × 28W T8	99	60	39%
2 × 54W T5	117	70	40%
4 × 28W T8	99	70	29%
4 × 32W T8	112	80	29%
4 × 32W T8	112	90	20%
4 × 54W T5	235	100	57%



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