

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

- 120-347Vac
- 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/Standard
- 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	UNH	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	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

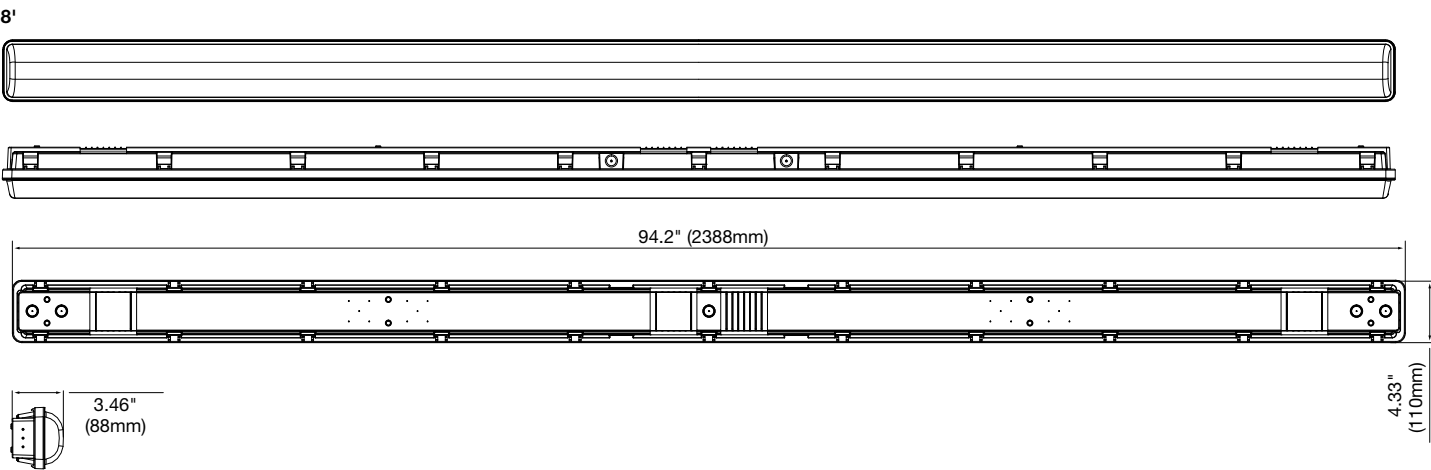
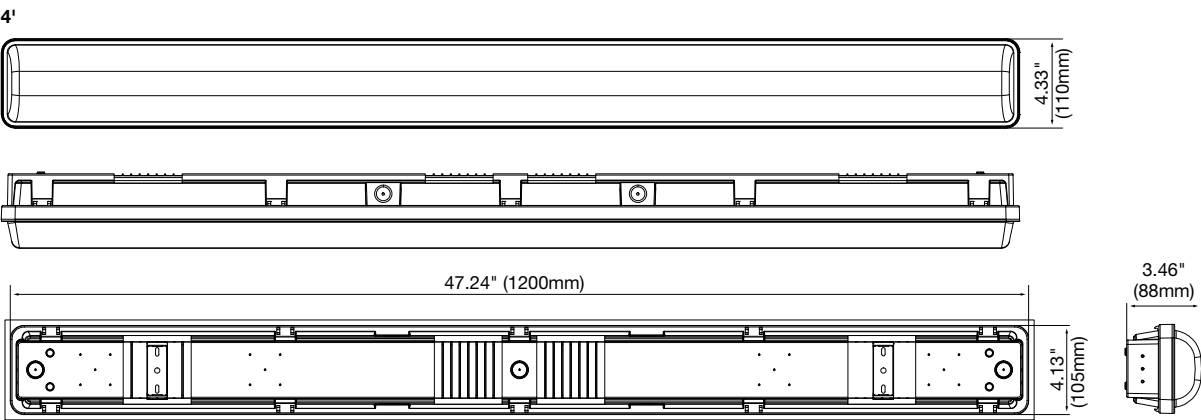
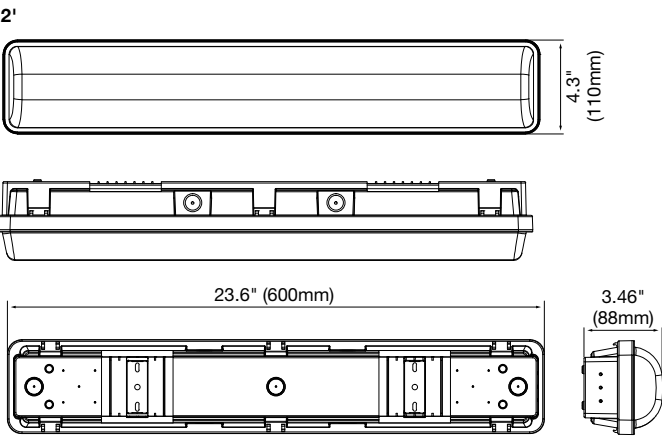
ORDERING INFORMATION

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	3500/4000/5000	2130/2820 /3500	5.1 Prem. Std.*	Up to 140	24"	
65906	VAPORILT/S050UNHD8SC7/48	20/30/40/50	120-347	0-10V	>80	3500/4000/5000	2860/4260/ 5640/7000	5.1 Prem. Std.*	Up to 140	48"	
65907	VAPORILT/S100UNHD8SC7/96	70/80/90/100	120-347	0-10V	>80	3500/4000/5000	10,010/11,360/ 12,690/14,000	5.1 Prem. Std.*	Up to 140	96"	
66032	VAPORILT/S025UNHD8SC7/24/E	15/20/25	120-347	0-10V	>80	3500/4000/5000	2130/2820 /3500	5.1 Prem. Std.*	Up to 140	24"	Emergency battery back up
66033	VAPORILT/S050UNHD8SC7/48/E	20/30/40/50	120-347	0-10V	>80	3500/4000/5000	2860/4260/ 5640/7000	5.1 Prem. Std.*	Up to 140	48"	Emergency battery back up
66034	VAPORILT/S100UNHD8SC7/96/E	70/80/90/100	120-347	0-10V	>80	3500/4000/5000	10,010/11,360/ 12,690/14,000	5.1 Prem. Std.*	Up to 140	96"	Emergency battery back up
66035	VAPORILT/S025UNHD8SC7/24/6C	15/20/25	120-347	0-10V	>80	3500/4000/5000	2130/2820 /3500	5.1 Prem. Std.*	Up to 140	24"	6' cord
66036	VAPORILT/S050UNHD8SC7/48/6C	20/30/40/50	120-347	0-10V	>80	3500/4000/5000	2860/4260/ 5640/7000	5.1 Prem. Std.*	Up to 140	48"	6' cord
66037	VAPORILT/S100UNHD8SC7/96/6C	70/80/90/100	120-347	0-10V	>80	3500/4000/5000	10,010/11,360/ 12,690/14,000	5.1 Prem. Std.*	Up to 140	96"	6' cord

*DLC 5.1 Premium for stairwell/passageway
DLC 5.1 Standard for direct linear ambient, high bay, and low bay

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 and 63908

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

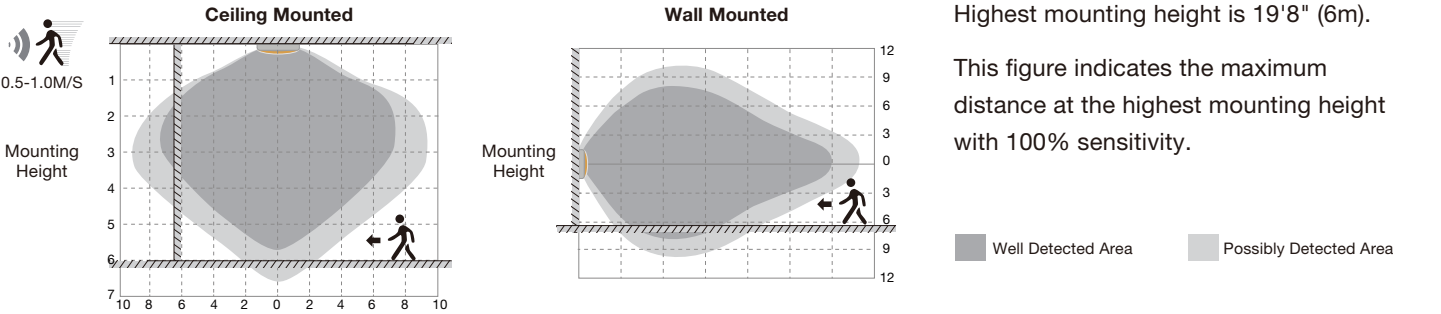
63907

65305

60573

61188

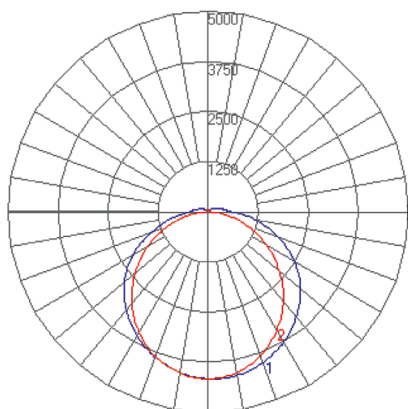
OPTIONAL MOTION DETECTION PATTERNS



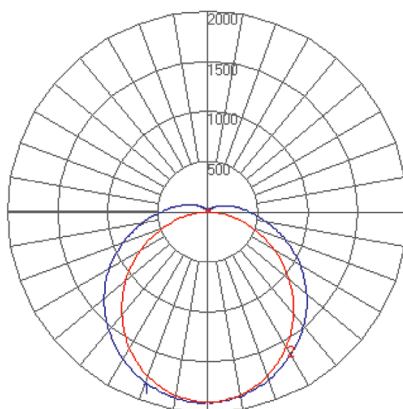
PHOTOMETRIC INFORMATION

LUMINOUS INTENSITY DISTRIBUTION

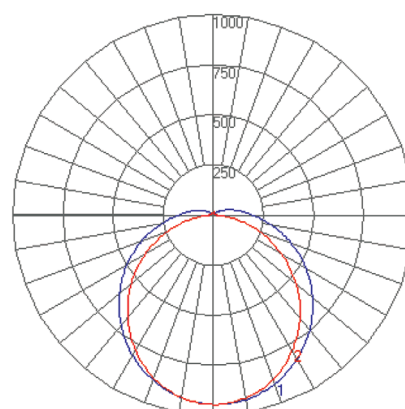
100W Vapor ILT @ 4000K



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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