LEDVANCE

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 a unique one-piece integrated lens and LED tray that was designed with just one thing in mind: to set a new standard for efficient vapor tight installations. It is offered in three sizes – 2', 4', and 8' – all with the super-efficient integrated lens tray. 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 listing to maximize rebate opportunities.

BENEFITS & FEATURES

- Integrated LED tray and lens for unparalleled installation efficiency
- Up to 150 LPW
- Selectable color temperature: 3500/4000/5000K
- CRI >80
- Selectable wattage and lumens:
  - 15/20/25W | 2835/3060/3775 lm
  - 20/30/40/50W | 3120/4620/6080/7500 lm
  - 70/80/90/100W | 10,920/12,320/13,680/15,000 lm
- Stainless steel hardware and UV stabilized polycarbonate lens
- DLC Listing assures high energy efficiency and qualifies this product for utility rebates

ELECTRICAL

- 120-347VAC
- Power Factor >90%
- THD <20%
- 2.5kV surge suppression
- 0-10V dimmable
- UL Wet Rated
- Indoor use
- Auxiliary 12V output

WARRANTY

- 5 year
- NLB Trusted Warranty Program

CERTIFICATIONS & LISTINGS

- UL1598 (cULus)
- RoHS
- FCC
- NEMA 4X
- IP66
- DLC Listed
- NSF Splash Zone
- IK08

RATED LIFE

- 125,000 hours (L_{70})

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

- LED tray is integrated with the lens and removes from the base in one piece
- 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	D = 0-10V Dimming	80 = >80 CRI	SC7 = 3500/ 4000/5000K	24 = 24" 48 = 48" 96 = 96"	E = Emergency Battery Backup 6C = 6' Cord D = Behind the Lens Microwave Daylight/ Motion Sensor

ORDERING INFORMATION

ITEM #	ORDERING ABBREVIATION	WATTAGE (W)	INPUT VOLTAGE (V)	DIM. (V)	CRI	COLOR TEMP (CCT)	TOTAL FIXTURE LUMENS (LM)	LPW	LENGTH	OPTIONS
65905	VAPORILT/S025UNHD8SC7/24	15/20/25	120-347	0-10V	>80	3500/4000/5000K	2835/3060/ 3775	Up to 150	24"	–
65906	VAPORILT/S050UNHD8SC7/48	20/30/40/50	120-347	0-10V	>80	3500/4000/5000K	3120/4620/ 6080/7500	Up to 150	48"	–
65907	VAPORILT/S100UNHD8SC7/96	70/80/90/100	120-347	0-10V	>80	3500/4000/5000K	10,920/12,320/ 13,680/15,000	Up to 150	96"	–
66033	VAPORILT/S050UNHD8SC7/48/E	20/30/40/50	120-347	0-10V	>80	3500/4000/5000K	3120/4620/ 6080/7500	Up to 150	48"	Emergency Battery Backup
66034	VAPORILT/S100UNHD8SC7/96/E	70/80/90/100	120-347	0-10V	>80	3500/4000/5000K	10,920/12,320/ 13,680/15,000	Up to 150	96"	Emergency Battery Backup
66035	VAPORILT/S025UNHD8SC7/24/6C	15/20/25	120-347	0-10V	>80	3500/4000/5000K	2835/3060/ 3775	Up to 150	24"	6' Cord – Full case orders only
66036	VAPORILT/S050UNHD8SC7/48/6C	20/30/40/50	120-347	0-10V	>80	3500/4000/5000K	3120/4620/ 6080/7500	Up to 150	48"	6' Cord – Full case orders only
66037	VAPORILT/S100UNHD8SC7/96/6C	70/80/90/100	120-347	0-10V	>80	3500/4000/5000K	10,920/12,320/ 13,680/15,000	Up to 150	96"	6' Cord – Full case orders only

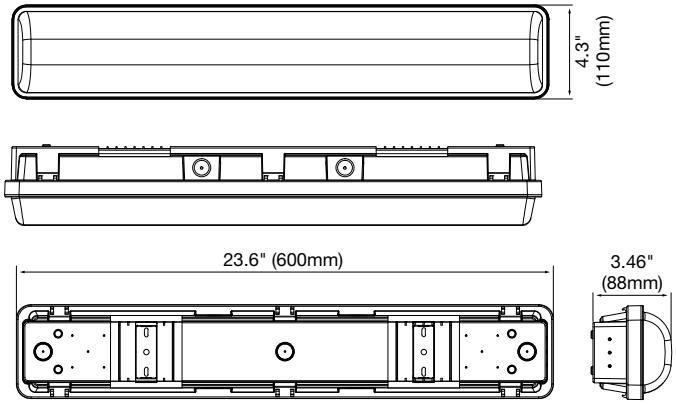
ORDERING INFORMATION (CONTINUED)

ITEM #	ORDERING ABBREVIATION	WATTAGE (W)	INPUT VOLTAGE (V)	DIM. (V)	CRI	COLOR TEMP (CCT)	TOTAL FIXTURE LUMENS (LM)	LPW	LENGTH	OPTIONS
66217	VAPORILTS025UNHD8SC724D	15/20/25	120-347	0-10V	>80	3500/4000/5000K	2835/3060/3775	Up to 150	24"	Daylight/Motion Sensor
66218	VAPORILTS050UNHD8SC748D	20/30/40/50	120-347	0-10V	>80	3500/4000/5000K	3120/4620/6080/7500	Up to 150	48"	Daylight/Motion Sensor
66219	VAPORILTS100UNHD8SC796D	70/80/90/100	120-347	0-10V	>80	3500/4000/5000K	10,920/12,320/13,680/15,000	Up to 150	96"	Daylight/Motion Sensor
66220	VAPORILTS050UNHD8SC748DE	20/30/40/50	120-347	0-10V	>80	3500/4000/5000K	3120/4620/6080/7500	Up to 150	48"	Daylight/Motion Sensor w/ Emergency Battery Backup
66221	VAPORILTS100UNHD8SC796DE	70/80/90/100	120-347	0-10V	>80	3500/4000/5000K	10,920/12,320/13,680/15,000	Up to 150	96"	Daylight/Motion Sensor w/ Emergency Battery Backup
66222	VAPORILTS025UNHD8SC724D6C	15/20/25	120-347	0-10V	>80	3500/4000/5000K	2835/3060/3775	Up to 150	24"	Daylight/motion Sensor w/ 6' Cord – Full case orders only
66223	VAPORILTS050UNHD8SC748D6C	20/30/40/50	120-347	0-10V	>80	3500/4000/5000K	3120/4620/6080/7500	Up to 150	48"	Daylight/motion Sensor w/ 6' Cord – Full case orders only
66224	VAPORILTS100UNHD8SC796D6C	70/80/90/100	120-347	0-10V	>80	3500/4000/5000K	10,920/12,320/13,680/15,000	Up to 150	96"	Daylight/motion Sensor w/ 6' Cord – Full case orders only

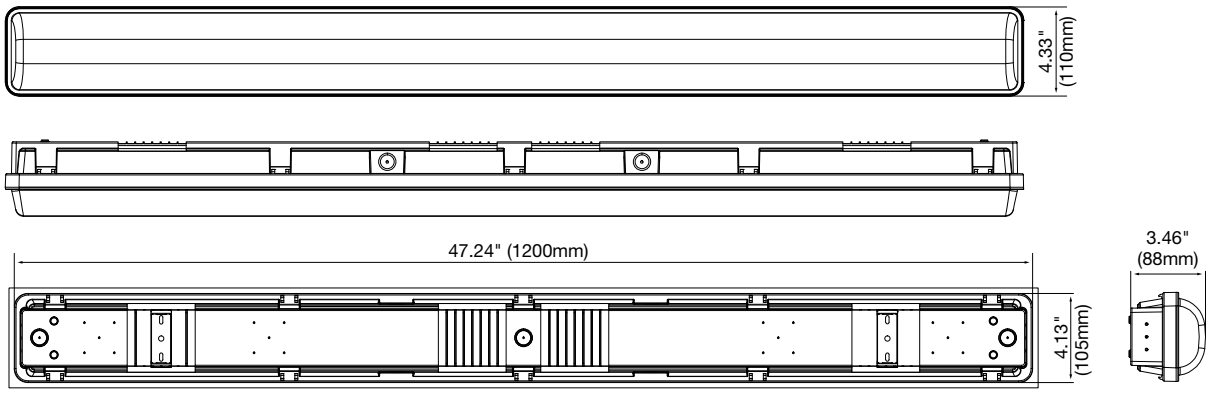
PHYSICAL INFORMATION

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)

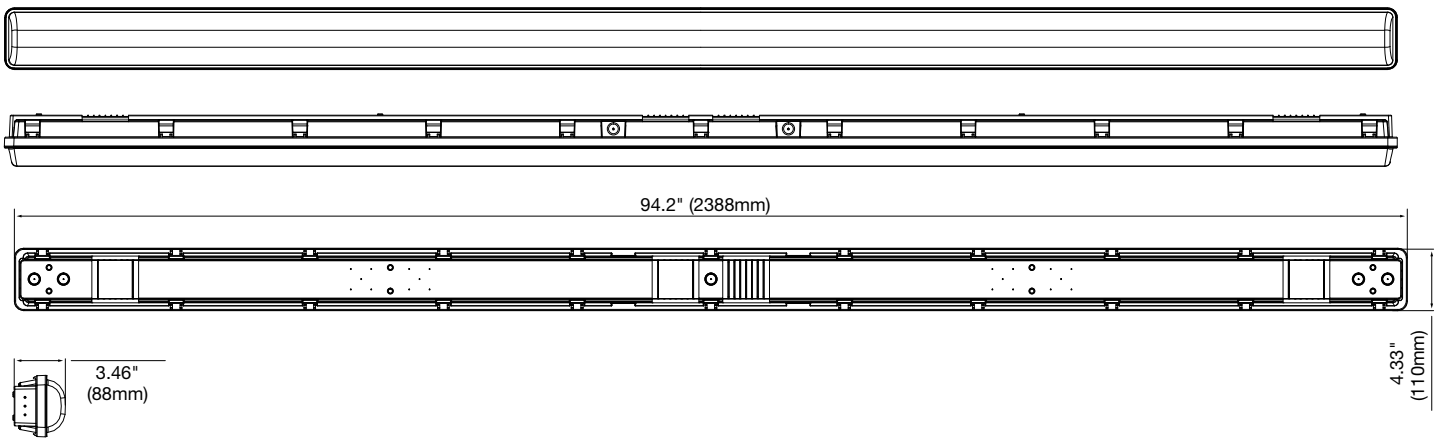
2'



4'



8'



ACCESSORIES

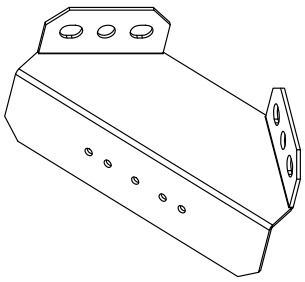
ITEM #	ORDERING ABBREVIATION	ITEM DESCRIPTION
60573	LNHIBA2A/CHAINMT	Chain Mount (5 foot, 1 pair)
61188	VAPORILT/CORNERMTBRKT	Corner Mounting Brackets
62298*	SMWLPAKN2AREMOTE	Remote for Microwave Motion/Daylight Sensor

*Remote 62298 is required to change the default setting of the microwave sensor.

60573



61188



62298

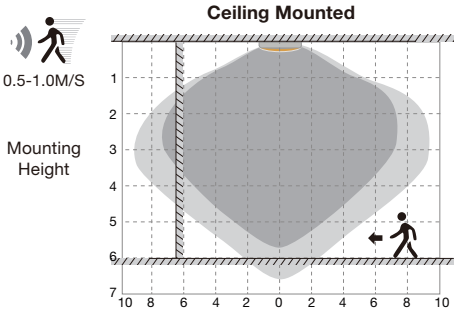


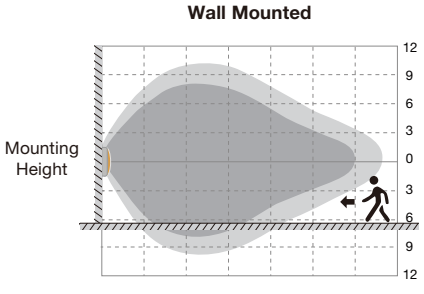
OPTIONAL MICROWAVE SENSOR DEFAULT SETTINGS

MICROWAVE MOTION SENSOR 75945*	
Detection Area	100%
Hold Time	5 Minutes
Daylight Threshold	50 Lux
Stand-by Perios	30
Stand-by Dimming	30%

*Changing the default sensor settings requires optional remote 62298.

OPTIONAL MICROWAVE SENSOR MOTION DETECTION PATTERNS





Highest mounting height is 19'8" (6m).

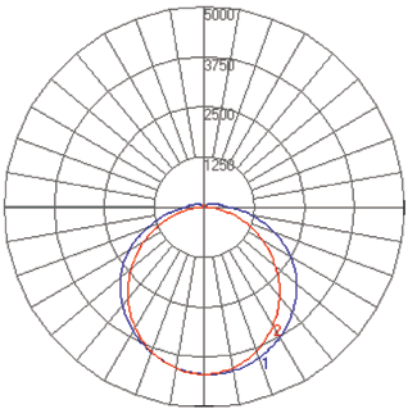
This figure indicates the maximum distance at the highest mounting height with 100% sensitivity.

Well Detected Area Possibly Detected Area

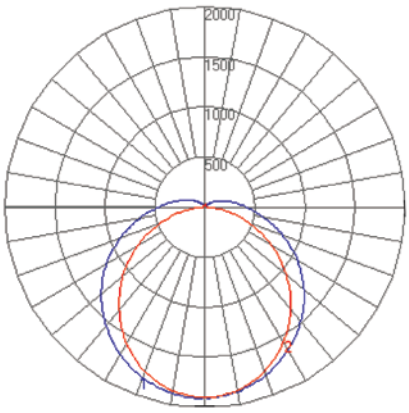
PHOTOMETRIC INFORMATION

LUMINOUS INTENSITY DISTRIBUTION

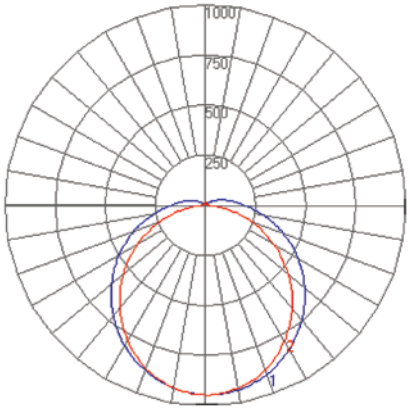
100W Vapor ILT @ 4000K



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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LEDVANCE



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