LEDVANCE

LEDVANCE LUMINAIRES
WIDE VAPOR TIGHT

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 Wide Vapor Tight is offered in two sizes — 2' and 4', that feature both lumen and CCT selectability. 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 Premium listing to maximize rebate opportunities.

BENEFITS & FEATURES

- Up to 150 LPW
- Selectable color temperature: 3500K/4000K/5000K
- CRI>80
- Selectable wattage and lumens:
  - 30/40/50W | 4680/6120/7500 lm
  - 70/100/135W | 10500/15000/20250 lm
  - 120/140/160W | 18720/21420/24000 lm
  - 185/225/265W | 28860/34425/40000 lm
- DLC 5.1 Premium 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
- Stainless steel clips and UV stabilized polycarbonate

ELECTRICAL

- 120-347VAC; 347V or 480V
- Power Factor >90%
- THD <20%
- 6kV surge suppression
- 0-10V dimmable
- UL Wet rated
- Internal 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
- IK08

RATED LIFE

- 125,000 hours (L_{70})

OPERATING TEMPERATURE

- -40°F to +122°F (-40°C to +50°C)
- -4°F to +122°F (-20°C to +50°C) for EMBB models

INSTALLATION

- Fixture can be surface mounted or suspended
- Stainless steel mounting brackets and V-hooks are included

ORDERING GUIDE

WVAP	/ P	SXXX	XXX	D	8	SC7	/ XX	GR	XX
PRODUCT NAME	GENERATION	WATTAGE	VOLTAGE	DIMMING	CRI	COLOR TEMP	LENGTH	COLOR /FINISH	OPTIONS
WVAP = Wide Vapor Tight	P = Performance Class	S265 = 185/225/265W S160 = 120/140/160W S135 = 70/100/135W S50 = 30/40/50W	UNH = 120-347V DHV = 347V or 480V	D = 0-10V Dimming	8 = 80 CRI	SC7= 3500/ 4000/5000K	24 = 2 foot 48 = 4 foot	GR = Gray	6C = 6 foot cord 10C = 10 foot cord L7 = L7 plug E = Emergency Battery Backup D = Microwave/ Daylight Sensor

ORDERING INFORMATION

ITEM #	ORDERING ABBREVIATION	WATTAGE (W)	INPUT VOLTAGE (V)	DIM. (V)	CRI	COLOR TEMP (CCT)	TOTAL FIXTURE LUMENS (LM)	DLC	LPW	LENGTH	FINISH	OPTIONS
66309	WVAP/PS265UNHD8SC7/48GR	185/225 /265	120-347	0-10	>80	3500/4000 /5000K	28,860/34,425 /40,000	5.1 Prem.	Up to 155	4'	Gray	–
66311	WVAP/PS160UNHD8SC7/48GR	120/140 /160	120-347	0-10	>80	3500/4000 /5000K	18,720/21,420 /24,000	5.1 Prem.	Up to 155	4'	Gray	–
66312	WVAP/PS135UNHD8SC7/24GR	70/100 /135	120-347	0-10	>80	3500/4000 /5000K	10,500/15,000 /20,250	5.1 Prem.	Up to 155	2'	Gray	–
66315	WVAP/PS050UNHD8SC7/24GR	30/40 /50	120-347	0-10	>80	3500/4000 /5000K	4680/6120 /7500	5.1 Prem.	Up to 155	2'	Gray	–
66388	WVAP/PS265DHVD8SC7/48GR	185/225 /265	347 or 480	0-10	>80	3500/4000 /5000K	28,860/34,425 /40,000	5.1 Prem.	Up to 155	4'	Gray	–
66389	WVAP/PS160DHVD8SC7/48GR	120/140 /160	347 or 480	0-10	>80	3500/4000 /5000K	18,720/21,420 /24,000	5.1 Prem.	Up to 155	4'	Gray	–
66390	WVAP/PS135DHVD8SC7/24GR	70/100 /135	347 or 480	0-10	>80	3500/4000 /5000K	10,500/15,000 /20,250	5.1 Prem.	Up to 155	2'	Gray	–
66391	WVAP/PS050DHVD8SC7/24GR	30/40 /50	347 or 480	0-10	>80	3500/4000 /5000K	4680/6120 /7500	5.1 Prem.	Up to 155	2'	Gray	–
66392	WVAP/PS265UNHD8SC7/48GRE	185/225 /265	120-347	0-10	>80	3500/4000 /5000K	28,860/34,425 /40,000	5.1 Prem.	Up to 155	4'	Gray	Emergency Battery Backup
66393	WVAP/PS160UNHD8SC7/48GRE	120/140 /160	120-347	0-10	>80	3500/4000 /5000K	18,720/21,420 /24,000	5.1 Prem.	Up to 155	4'	Gray	Emergency Battery Backup
66394	WVAP/PS135UNHD8SC7/24GRE	70/100 /135	120-347	0-10	>80	3500/4000 /5000K	10,500/15,000 /20,250	5.1 Prem.	Up to 155	2'	Gray	Emergency Battery Backup
66395	WVAP/PS050UNHD8SC7/24GRE	30/40 /50	120-347	0-10	>80	3500/4000 /5000K	4680/6120 /7500	5.1 Prem.	Up to 155	2'	Gray	Emergency Battery Backup

ORDERING INFORMATION (CONTINUED)

ITEM #	ORDERING ABBREVIATION	WATTAGE (W)	INPUT VOLTAGE (V)	DIM. (V)	CRI	COLOR TEMP (CCT)	TOTAL FIXTURE LUMENS (LM)	DLC	LPW	LENGTH	FINISH	OPTIONS
66396	WVAP/PS265UNHD8SC7/48GR6C	185/225 /265	120-347	0-10	>80	3500/4000 /5000K	28,860/34,425 /40,000	5.1 Prem.	Up to 155	4'	Gray	6' Cord
66397	WVAP/PS160UNHD8SC7/48GR6C	120/140 /160	120-347	0-10	>80	3500/4000 /5000K	18,720/21,420 /24,000	5.1 Prem.	Up to 155	4'	Gray	6' Cord
66398	WVAP/PS135UNHD8SC7/24GR6C	70/100 /135	120-347	0-10	>80	3500/4000 /5000K	10,500/15,000 /20,250	5.1 Prem.	Up to 155	2'	Gray	6' Cord
66399	WVAP/PS050UNHD8SC7/24GR6C	30/40 /50	120-347	0-10	>80	3500/4000 /5000K	4680/6120/ 7500	5.1 Prem.	Up to 155	2'	Gray	6' Cord
66400	WVAP/PS265DHVD8SC7/48GR6C	185/225 /265	347 or 480	0-10	>80	3500/4000 /5000K	28,860/34,425 /40,000	5.1 Prem.	Up to 155	4'	Gray	6' Cord
66401	WVAP/PS160DHVD8SC7/48GR6C	120/140 /160	347 or 480	0-10	>80	3500/4000 /5000K	18,720/21,420 /24,000	5.1 Prem.	Up to 155	4'	Gray	6' Cord
66402	WVAP/PS135DHVD8SC7/24GR6C	70/100 /135	347 or 480	0-10	>80	3500/4000 /5000K	10,500/15,000 /20,250	5.1 Prem.	Up to 155	2'	Gray	6' Cord
66403	WVAP/PS050DHVD8SC7/24GR6C	30/40 /50	347 or 480	0-10	>80	3500/4000 /5000K	4680/6120 /7500	5.1 Prem.	Up to 155	2'	Gray	6' Cord
66426	WVAP/PS265UNHD8SC7/48/GRD	185/225 /265	120-347	0-10	>80	3500/4000 /5000K	28,860/34,425 /40,000	5.1 Prem.	Up to 155	4'	Gray	Sensor
66425	WVAP/PS160UNHD8SC7/48/GRD	120/140 /160	120-347	0-10	>80	3500/4000 /5000K	18,720/21,420 /24,000	5.1 Prem.	Up to 155	4'	Gray	Sensor
66424	WVAP/PS135UNHD8SC7/24/GRD	70/100 /135	120-347	0-10	>80	3500/4000 /5000K	10,500/15,000 /20,250	5.1 Prem.	Up to 155	2'	Gray	Sensor
66423	WVAP/PS050UNHD8SC7/24/GRD	30/40 /50	120-347	0-10	>80	3500/4000 /5000K	4680/6120 /7500	5.1 Prem.	Up to 155	2'	Gray	Sensor
66468	WVAP/PS265DHVD8SC7/48/GRD	185/225 /265	347 or 480	0-10	>80	3500/4000 /5000K	28,860/34,425 /40,000	5.1 Prem.	Up to 155	4'	Gray	Sensor
66469	WVAP/PS160DHVD8SC7/48/GRD	120/140 /160	347 or 480	0-10	>80	3500/4000 /5000K	18,720/21,420 /24,000	5.1 Prem.	Up to 155	4'	Gray	Sensor
66470	WVAP/PS135DHVD8SC7/24/GRD	70/100 /135	347 or 480	0-10	>80	3500/4000 /5000K	10,500/15,000 /20,250	5.1 Prem.	Up to 155	2'	Gray	Sensor
66471	WVAP/PS050DHVD8SC7/24/GRD	30/40 /50	347 or 480	0-10	>80	3500/4000 /5000K	4680/6120 /7500	5.1 Prem.	Up to 155	2'	Gray	Sensor
61191	WVAP/PS265UNHD8SC7/48GRD6C	185/225 /265	120-347	0-10	>80	3500/4000 /5000K	28,860/34,425 /40,000	5.1 Prem.	Up to 155	4'	Gray	Sensor and 6' Cord
61192	WVAP/PS160UNHD8SC7/48GRD6C	120/140 /160	120-347	0-10	>80	3500/4000 /5000K	18,720/21,420 /24,000	5.1 Prem.	Up to 155	4'	Gray	Sensor and 6' Cord
61193	WVAP/PS135UNHD8SC7/24GRD6C	70/100 /135	120-347	0-10	>80	3500/4000 /5000K	10,500/15,000 /20,250	5.1 Prem.	Up to 155	2'	Gray	Sensor and 6' Cord
61194	WVAP/PS050UNHD8SC7/24GRD6C	30/40 /50	120-347	0-10	>80	3500/4000 /5000K	4680/6120 /7500	5.1 Prem.	Up to 155	2'	Gray	Sensor and 6' Cord
61195	WVAP/PS265DHVD8SC7/48GRD6C	185/225 /265	347 or 480	0-10	>80	3500/4000 /5000K	28,860/34,425 /40,000	5.1 Prem.	Up to 155	4'	Gray	Sensor and 6' Cord
61196	WVAP/PS160DHVD8SC7/48GRD6C	120/140 /160	347 or 480	0-10	>80	3500/4000 /5000K	18,720/21,420 /24,000	5.1 Prem.	Up to 155	4'	Gray	Sensor and 6' Cord
61197	WVAP/PS135DHVD8SC7/24GRD6C	70/100 /135	347 or 480	0-10	>80	3500/4000 /5000K	10,500/15,000 /20,250	5.1 Prem.	Up to 155	2'	Gray	Sensor and 6' Cord
61198	WVAP/PS050DHVD8SC7/24GRD6C	30/40 /50	347 or 480	0-10	>80	3500/4000 /5000K	4680/6120 /7500	5.1 Prem.	Up to 155	2'	Gray	Sensor and 6' Cord
68227	WVAPPS265UNHD8SC748GRL7	185/225 /265	120-347	0-10	>80	3500/4000 /5000K	28,860/34,425 /40,000	5.1 Prem.	Up to 155	4'	Gray	10' cord and L7 plug
68228	WVAPPS160UNHD8SC748GRL7	120/140 /160	120-347	0-10	>80	3500/4000 /5000K	18,720/21,420 /24,000	5.1 Prem.	Up to 155	4'	Gray	10' cord and L7 plug
68229	WVAPPS265UNHD8SC748GRE10C	185/225 /265	120-347	0-10	>80	3500/4000 /5000K	28,860/34,425 /40,000	5.1 Prem.	Up to 155	4'	Gray	10' cord and Emergency Battery Backup
68230	WVAPPS160UNHD8SC748GRE10C	120/140 /160	120-347	0-10	>80	3500/4000 /5000K	18,720/21,420 /24,000	5.1 Prem.	Up to 155	4'	Gray	10' cord and Emergency Battery Backup

ORDERING INFORMATION (CONTINUED)

ITEM #	ORDERING ABBREVIATION	WATTAGE (W)	INPUT VOLTAGE (V)	DIM. (V)	CRI	COLOR TEMP (CCT)	TOTAL FIXTURE LUMENS (LM)	DLC	LPW	LENGTH	FINISH	OPTIONS
66531	WVAPPS265UNHD8SC748GRDE	185/225 /265	120-347	0-10	>80	3500/4000 /5000K	28,860/34,425 /40,000	5.1 Prem.	Up to 155	4'	Gray	Sensor and Emergency Battery Backup
66532	WVAPPS160UNHD8SC748GRDE	120/140 /160	120-347	0-10	>80	3500/4000 /5000K	18,720/21,420 /24,000	5.1 Prem.	Up to 155	4'	Gray	Sensor and Emergency Battery Backup
66533	WVAPPS135UNHD8SC724GRDE	70/100 /135	120-347	0-10	>80	3500/4000 /5000K	10,500/15,000 /20,250	5.1 Prem.	Up to 155	2'	Gray	Sensor and Emergency Battery Backup
66534	WVAPPS050UNHD8SC724GRDE	30/40 /50	120-347	0-10	>80	3500/4000 /5000K	4680/6120 /7500	5.1 Prem.	Up to 155	2'	Gray	Sensor and Emergency Battery Backup
68232	WVAPPS135UNHD8SC724GRE10C	70/100 /135	120-347	0-10	>80	3500/4000 /5000K	10,500/15,000 /20,250	5.1 Prem.	Up to 155	2'	Gray	10' cord and L7 plug and Emergency Battery Backup
68233	WVAPPS050UNHD8SC724GRE10C	30/40 /50	120-347	0-10	>80	3500/4000 /5000K	4680/6120 /7500	5.1 Prem.	Up to 155	2'	Gray	10' cord and L7 plug and Emergency Battery Backup
68234	WVAPPS135UNHD8SC724GRL7	70/100 /135	120-347	0-10	>80	3500/4000 /5000K	10,500/15,000 /20,250	5.1 Prem.	Up to 155	2'	Gray	10' cord and L7 plug

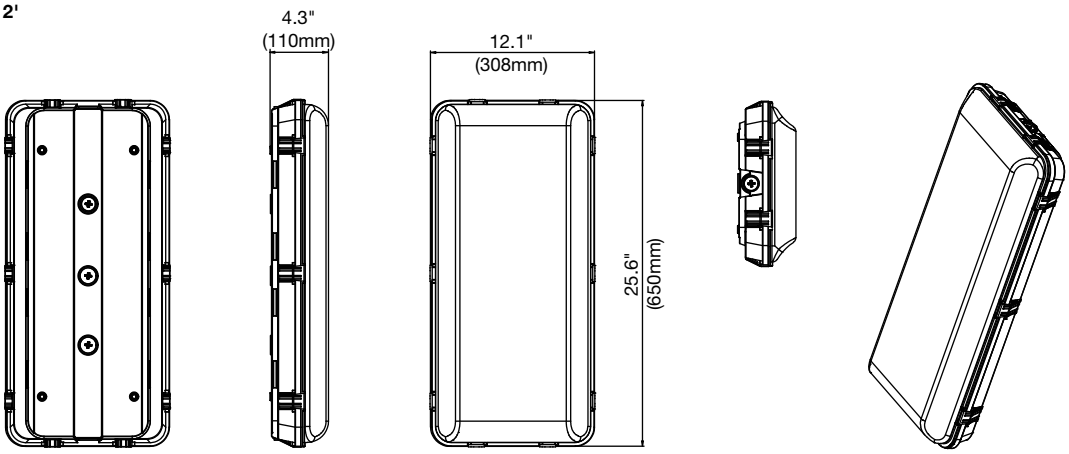
WATTAGE COMPARISON

TRADITIONAL SOURCE	TRADITIONAL SYSTEM WATTAGE	LED SYSTEM WATTAGE	ENERGY SAVINGS
70W HPS	91	30	67%
100W HPS	120	30	75%
100W MH	130	40	69%
100W HPS	120	40	67%
100W MH	130	50	62%
150W HPS	170	50	71%
150W MH	188	70	63%
175W MH	210	70	67%
175W MH	210	100	52%
250W MH	290	120	59%
250W HPS	295	120	59%
250W MH	290	145	50%
250W HPS	295	135	54%
320 MH	370	140	62%
400W HPS	460	140	70%
320 MH	370	160	57%
400W HPS	460	160	65%
400W MH	450	160	64%
400W HPS	460	185	60%
400W MH	450	185	59%
750W MH	820	185	77%
750W HPS	840	225	73%
1000W MH	1080	225	79%
1000W HPS	1100	225	80%
750W HPS	840	265	68%
1000W MH	1080	265	75%
1000W HPS	1100	265	76%

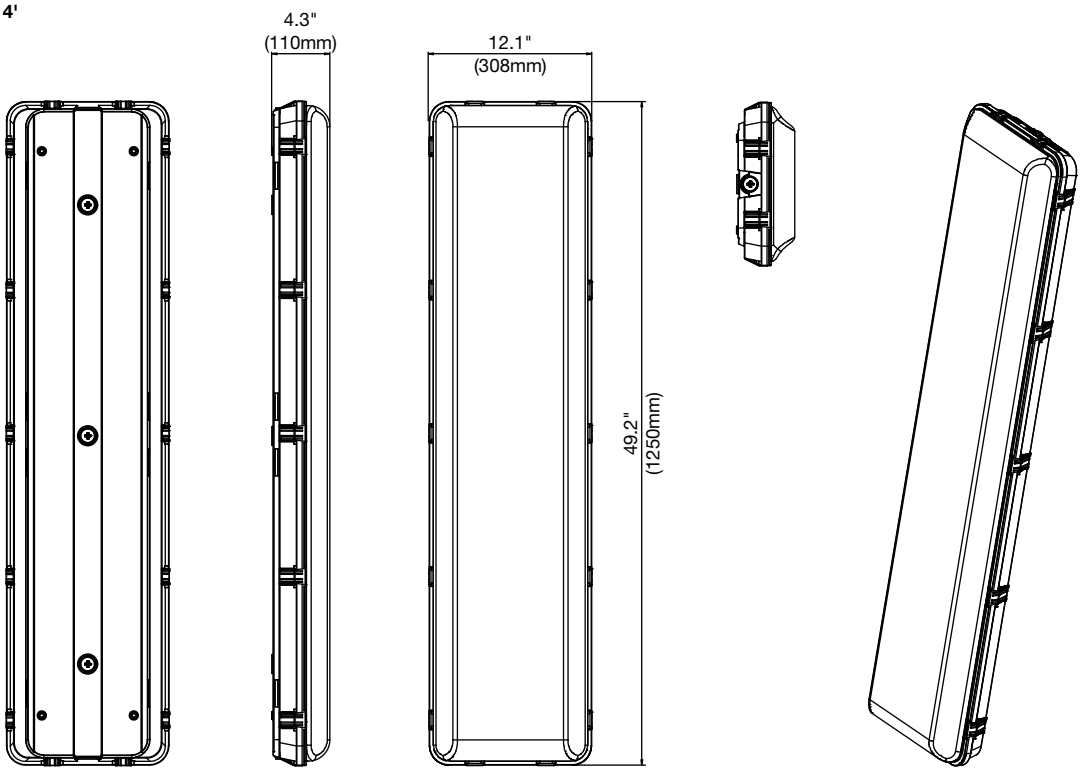
PHYSICAL INFORMATION

LUMINAIRE DESCRIPTION	LENGTH IN (MM)	WIDTH IN (MM)	HEIGHT IN (MM)	WEIGHT LB (KG)
50/135W	25.6 (650)	12.1 (308)	4.3 (110)	12 (5.4)
160/265W	49.2 (1250)	12.1 (308)	4.3 (110)	24 (10.9)

2'



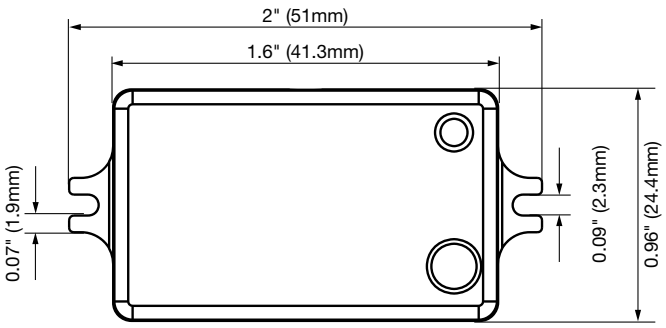
4'



ACCESSORIES

ITEM #	ORDERING ABBREVIATION	ITEM DESCRIPTION
66347	MOTIONDAYSENSORMICRO12M	Internal, field installed Microwave Motion/Daylight Sensor, 39 feet max. mounting height, default settings can only be changed using Remote 60105
66592	HIBAYSENSORG2REMOTE	Sensor Remote (functional up to 49ft (15m))
60573	LNHIBA2A/CHAINMT	Chain Mount (5 feet, 1 pair)
60574	LNHIBA2A/ACCABLEMT	Cable Mount (5 feet, 1 pair)
62618	VAPOR3A/CLIPS	Replacement Lens Clips (10 per bag)

66347



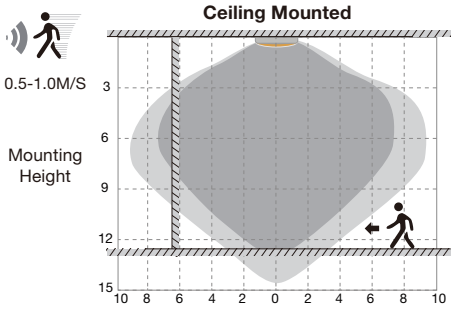
60573

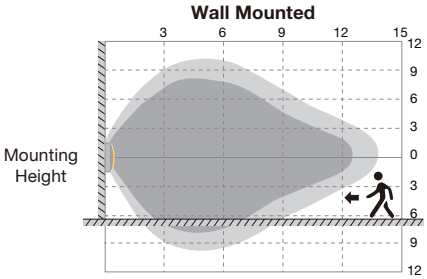


60574



OPTIONAL MOTION DETECTION PATTERNS





Highest mounting height is 12m.

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

Well Detected Area Possibly Detected Area

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