LEDVANCE

# LEDVANCE LUMINAIRES
## VAPOR TIGHT WIDE BODY

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 Premium listing to maximize rebate opportunities.

## BENEFITS & FEATURES

- Up to 155 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 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 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<br>S160 = 120/140/160W<br>S135 = 70/100/135W<br>S50 = 30/40/50W | UNH = 120-347V<br>DHV = 347V or 480V | D = 0-10V Dimming | 8 = 80 CRI | SC7= 3500/ 4000/5000K | 24 = 2 foot<br>48 = 4 foot | GR = Gray | 6C = 6 foot cord<br>10C = 10 foot cord<br>L7 = 10 foot cord and L7 plug<br>E = Emergency Battery Backup<br>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 | MTO* | OPTIONS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 66309 | WVAP/PS265UNHD8SC7/48GR | 185/225 /265 | 120-347 | 0-10 | >80 | 3500 /4000 /5000K | 28,860 /34,425 /40,000 | 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 | 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 | Prem | Up to 155 | 2' | Gray | – | – |
| 66315 | WVAP/PS050UNHD8SC7/24GR | 30/40 /50 | 120-347 | 0-10 | >80 | 3500 /4000 /5000K | 4680 /6120 /7500 | 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 | 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 | 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 | 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 | 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 | Prem | Up to 155 | 4' | Gray | ✔ | Emergency Battery Backup |

*Made to Order

## 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 | MTO* | OPTIONS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 66393 | WVAP/PS160UNHD8SC7/48GRE | 120/140 /160 | 120-347 | 0-10 | >80 | 3500 /4000 /5000K | 18,720 /21,420 /24,000 | 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 | 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 | Prem | Up to 155 | 2' | Gray | ✔ | Emergency Battery Backup |
| 66396 | WVAP/PS265UNHD8SC7/48GR6C | 185/225 /265 | 120-347 | 0-10 | >80 | 3500 /4000 /5000K | 28,860 /34,425 /40,000 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | Prem | Up to 155 | 4' | Gray | ✔ | Sensor and 6' Cord |

*Made to Order

## 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 | MTO* | OPTIONS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 61196 | WVAP/PS160DHVD8SC7/48GRD6C | 120/140 /160 | 347 or 480 | 0-10 | >80 | 3500 /4000 /5000K | 18,720 /21,420 /24,000 | 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 | 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 | 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 | 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 | 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 | 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 | Prem | Up to 155 | 4' | Gray | ✔ | 10' Cord and Emergency Battery Backup |
| 66531 | WVAPPS265UNHD8SC748GRDE | 185/225 /265 | 120-347 | 0-10 | >80 | 3500 /4000 /5000K | 28,860 /34,425 /40,000 | 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 | 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 | 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 | 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 | 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 | 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 | Prem | Up to 155 | 2' | Gray | ✔ | 10' Cord and L7 Plug |
| 68235 | WVAPPS050UNHD8SC724GRL7 | 30/40 /50 | 120-347 | 0-10 | >80 | 3500 /4000 /5000K | 4680 /6120 /7500 | Prem | Up to 155 | 2' | Gray | ✔ | 10' Cord and L7 Plug |

*Made to Order

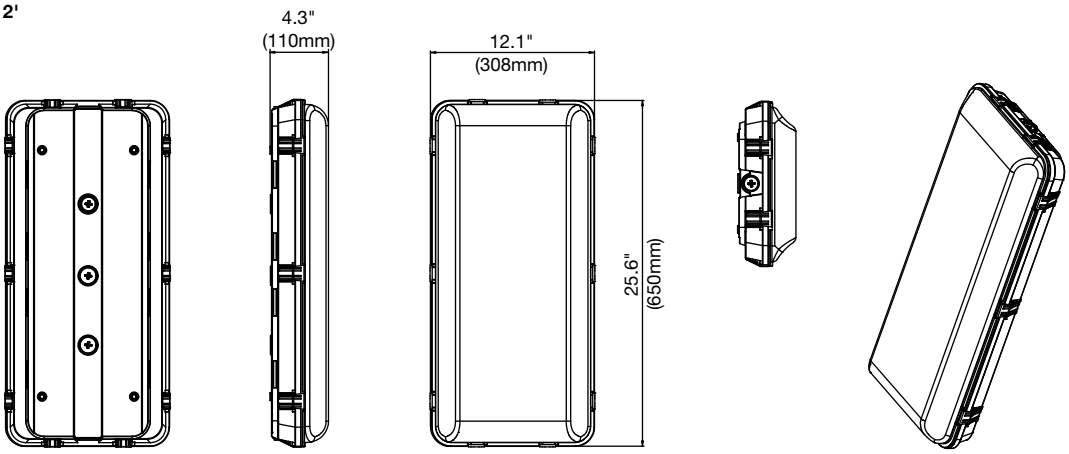
## WATTAGE COMPARISON

| 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% |

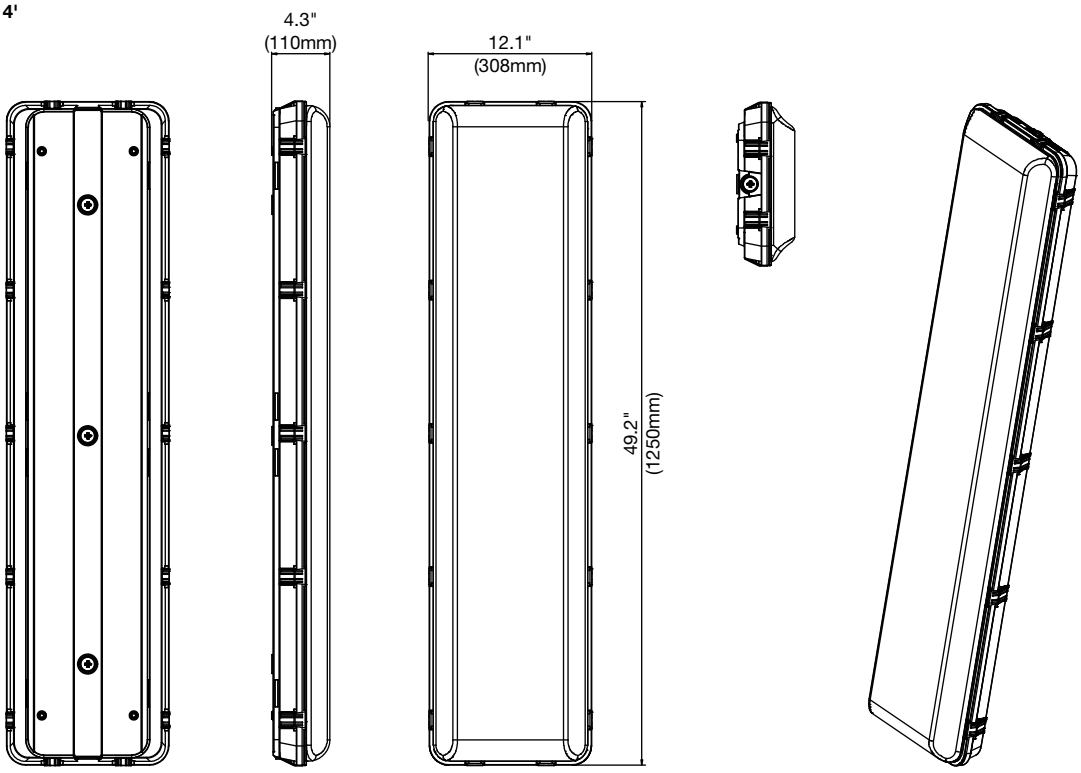
## PHYSICAL INFORMATION

| 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'**



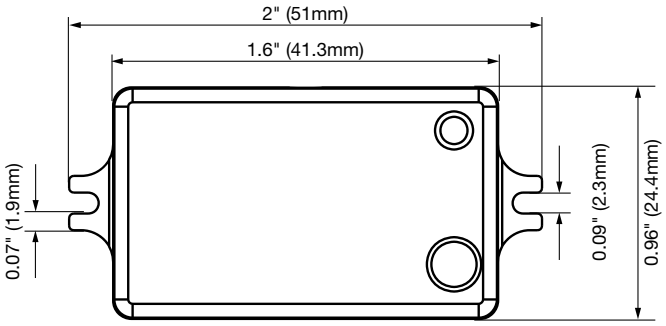

**4'**



## 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 66592 |
| 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**



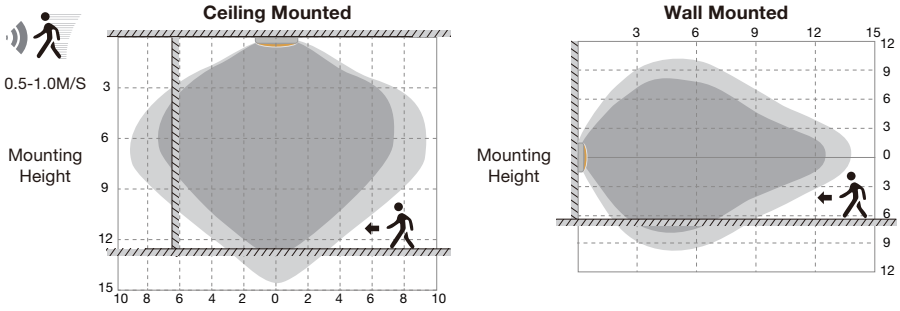

**60573**



**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


**LEDVANCE NORTH AMERICAN HEADQUARTERS**

LEDVANCE LLC.
181 Ballardvale Street, Suite 203
Wilmington, MA 01887
Phone: +1 978 753 5000

**LEDVANCE CANADIAN HEADQUARTERS**

LEDVANCE LTD./LTE.
5450 Explorer Drive, Suite 100
Mississauga, Ontario L4W 5N1
Phone: +1 905 361 93 33

**LEDVANCE.COM/EN-US**



LEDVANCE is a registered trademark.
All other trademarks are those of their respective owners.
Specifications subject to change without notice.

© 2026 LEDVANCE LLC