LEDVANCE

LEDVANCE LUMINAIRES
LINEAR HIGH BAY
OPTI-SELECT

OPTISELECT

LEDVANCE LUMINAIRE SPECIFICATION DATA

Catalog #	Comments
Project	
Type	
Prepared by	

VALUE CLASS™



LINK

CONTROLS READY

APPLICATION

The all new Linear High Bay OPTI-SELECT is the first of its kind — combining all the flexibility in one fixture. It features wattage, CCT, and distribution selectability. You are now able to pick whether you want a wide distribution or aisle distribution at the flip of a switch. Ideal for warehouse applications, school gyms, municipalities, and corridors; the possibilities are endless.

BENEFITS & FEATURES

- Dual Selectability facilitates inventory management and allows for on-site lighting adjustment
- Offered in three selectable distributions: 90×90° / 65×95° / 45×100°
- CCT Selectable 3500/4000/5000K
- Offered in four selectable wattage ranges:
  - 105/135/165W
  - 175/195/220W
  - 255/275/300W
  - 340/370/400W
- All fixtures are shipped with a pre-wired sensor base which is ready to accept an optional field-installed screw-in motion/ daylight sensor
- Compatible with field installable LEDVANCE LINK™ components
- CRI >80
- V-hooks and 3-foot mounting chains are included
- Optional wire guards, surface mounting brackets, and pendant mounting brackets are available
- Up to 150 LPW
- Energy savings up to 73%
- DLC listed

ELECTRICAL

- 120-347 and 277-480VAC
- Power Factor >.9
- THD <20%
- Dimmable 0-10V)
- 6kV surge protection

OPERATING TEMPERATURE

- -40°F to +122°F (-40°C to +50°C)
- -30°F to +122°F (-30°C to +50°C) with sensor

RATED LIFE

- 100,000 hours (L_{70})

CERTIFICATIONS & LISTINGS

- RoHS
- cULus
- DLC listed
- FCC
- Damp location
- IK09

WARRANTY

- 5 year

INSTALLATION

- V-Hooks and 3 foot mounting chains included
- Optional surface mount brackets, pendant mount brackets, and aircraft cable mounts are available. Please see the Accessories section for further information
- Suitable for damp locations

ORDERING GUIDE

LNHIBA	V	SXXX	XXX	D	8	SC7	ADJ	WH	XXX
PRODUCT NAME	GENERATION	WATTAGE	VOLTAGE	DIMMING	CRI	COLOR TEMP	DISTRIBUTION	COLOR/ FINISH	OPTIONS
LNHIBA = Linear High Bay	V = Value Class	S165 = 105/135/165W S220 = 175/195/220W S300 = 255/275/300W S400 = 340/370/400W	UNH = 120-347V HUV = 277-480V	D = 0-10V Dimming	8 = 80 CRI	SC7 = 3500/ 4000/5000K	ADJ = Adjustable	WH = White	E = Emergency Battery Back Up 10C = 10' Cord 12C = 12' Cord

ORDERING INFORMATION

ITEM #	ORDERING ABBREVIATION	WATTAGE (W)	INPUT VOLTAGE (V)	DIM (V)	CRI	CCT	TOTAL FIXTURE LUMENS (LM)	DLC	LPW	DISTRIBU-TION	FINISH	OPTIONS	MTO*
66438	LNHIBAV/S165UNHD8SC7/ADJ/WH	105/135/165	120-347	0-10	>80	3500/4000 /5000K	15,750/20,250 /24,750	√	Up to 150	Adjustable	White	–	–
66439	LNHIBAV/S220UNHD8SC7/ADJ/WH	175/195/220	120-347	0-10	>80	3500/4000 /5000K	26,250/29,250 /33,000	√	Up to 150	Adjustable	White	–	–
66440	LNHIBAV/S300UNHD8SC7/ADJ/WH	255/275/300	120-347	0-10	>80	3500/4000 /5000K	38,250/41,250 /45,000	√	Up to 150	Adjustable	White	–	–
66441	LNHIBAV/S400UNHD8SC7/ADJ/WH	340/370/400	120-347	0-10	>80	3500/4000 /5000K	51,000/55,500 /60,000	√	Up to 150	Adjustable	White	–	–
66442	LNHIBAV/S165HUVD8SC7/ADJ/WH	105/135/165	277-480	0-10	>80	3500/4000 /5000K	15,750/20,250 /24,750	√	Up to 150	Adjustable	White	–	–
66443	LNHIBAV/S220HUVD8SC7/ADJ/WH	175/195/220	277-480	0-10	>80	3500/4000 /5000K	26,250/29,250 /33,000	√	Up to 150	Adjustable	White	–	–
66444	LNHIBAV/S300HUVD8SC7/ADJ/WH	255/275/300	277-480	0-10	>80	3500/4000 /5000K	38,250/41,250 /45,000	√	Up to 150	Adjustable	White	–	–
66445	LNHIBAV/S400HUVD8SC7/ADJ/WH	340/370/400	277-480	0-10	>80	3500/4000 /5000K	51,000/55,500 /60,000	√	Up to 150	Adjustable	White	–	–
67090	LNHIBAV/S165UNHD8SC7/ADJ/WHE	105/135/165	120-347	0-10	>80	3500/4000 /5000K	15,750/20,250 /24,750	√	Up to 150	Adjustable	White	Emergency Battery Backup	√
67091	LNHIBAV/S220UNHD8SC7/ADJ/WHE	175/195/220	120-347	0-10	>80	3500/4000 /5000K	26,250/29,250 /33,000	√	Up to 150	Adjustable	White	Emergency Battery Backup	√
67092	LNHIBAV/S300UNHD8SC7/ADJ/WHE	255/275/300	120-347	0-10	>80	3500/4000 /5000K	38,250/41,250 /45,000	√	Up to 150	Adjustable	White	Emergency Battery Backup	√

*Made To Order

ORDERING INFORMATION (CONTINUED)

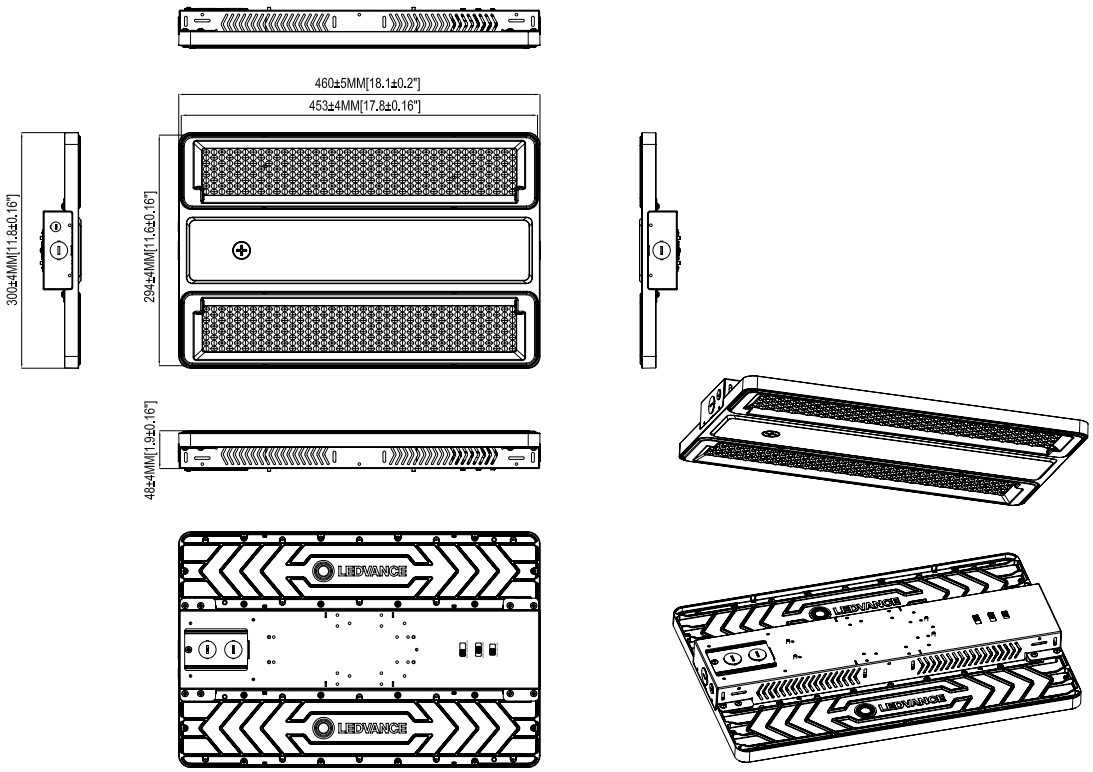
ITEM #	ORDERING ABBREVIATION	WATTAGE (W)	INPUT VOLTAGE (V)	DIM (V)	CRI	CCT	TOTAL FIXTURE LUMENS (LM)	DLC	LPW	DISTRIBU-TION	FINISH	OPTIONS	MTO*
67093	LNHIBAV/S400UNHD8SC7/ADJ/WHE	340/370/400	120-347	0-10	>80	3500/4000 /5000K	51,000/55,500 /60,000	✓	Up to 150	Adjustable	White	Emergency Battery Backup	✓
67094	LNHIBAV/S165HUVD8SC7/ADJ/WHE	105/135/165	277-480	0-10	>80	3500/4000 /5000K	15,750/20,250 /24,750	✓	Up to 150	Adjustable	White	Emergency Battery Backup	✓
67095	LNHIBAV/S220HUVD8SC7/ADJ/WHE	175/195/220	277-480	0-10	>80	3500/4000 /5000K	26,250/29,250 /33,000	✓	Up to 150	Adjustable	White	Emergency Battery Backup	✓
67096	LNHIBAV/S300HUVD8SC7/ADJ/WHE	255/275/300	277-480	0-10	>80	3500/4000 /5000K	38,250/41,250 /45,000	✓	Up to 150	Adjustable	White	Emergency Battery Backup	✓
67097	LNHIBAV/S400HUVD8SC7/ADJ/WHE	340/370/400	277-480	0-10	>80	3500/4000 /5000K	51,000/55,500 /60,000	✓	Up to 150	Adjustable	White	Emergency Battery Backup	✓
66996	LNHIBAV/S165UNHD8SC7/ADJ/WH10C	105/135/165	120-347	0-10	>80	3500/4000 /5000K	15,750/20,250 /24,750	✓	Up to 150	Adjustable	White	10' Cord	✓
66997	LNHIBAV/S220UNHD8SC7/ADJ/WH10C	175/195/220	120-347	0-10	>80	3500/4000 /5000K	26,250/29,250 /33,000	✓	Up to 150	Adjustable	White	10' Cord	✓
66998	LNHIBAV/S300UNHD8SC7/ADJ/WH10C	255/275/300	120-347	0-10	>80	3500/4000 /5000K	38,250/41,250 /45,000	✓	Up to 150	Adjustable	White	10' Cord	✓
66999	LNHIBAV/S400UNHD8SC7/ADJ/WH10C	340/370/400	120-347	0-10	>80	3500/4000 /5000K	51,000/55,500 /60,000	✓	Up to 150	Adjustable	White	10' Cord	✓
67000	LNHIBAV/S165HUVD8SC7/ADJ/WH10C	105/135/165	277-480	0-10	>80	3500/4000 /5000K	15,750/20,250 /24,750	✓	Up to 150	Adjustable	White	10' Cord	✓
67001	LNHIBAV/S220HUVD8SC7/ADJ/WH10C	175/195/220	277-480	0-10	>80	3500/4000 /5000K	26,250/29,250 /33,000	✓	Up to 150	Adjustable	White	10' Cord	✓
67002	LNHIBAV/S300HUVD8SC7/ADJ/WH10C	255/275/300	277-480	0-10	>80	3500/4000 /5000K	38,250/41,250 /45,000	✓	Up to 150	Adjustable	White	10' Cord	✓
67003	LNHIBAV/S400HUVD8SC7/ADJ/WH10C	340/370/400	277-480	0-10	>80	3500/4000 /5000K	51,000/55,500 /60,000	✓	Up to 150	Adjustable	White	10' Cord	✓
67297	LNHIBAV/S165UNHD8SC7ADJ/WHE10C	105/135/165	120-347	0-10	>80	3500/4000 /5000K	15,750/20,250 /24,750	✓	Up to 150	Adjustable	White	Emergency Battery Backup & 10' Cord	✓
67294	LNHIBAVS400UNHD8SC7ADJWH12C	340/370/400	120-347	0-10	>80	3500/4000 /5000K	51,000/55,500 /60,000	✓	Up to 150	Adjustable	White	12' Cord	✓
67295	LNHIBAVS400UNHD8SC7ADJWHE10C	340/370/400	120-347	0-10	>80	3500/4000 /5000K	51,000/55,500 /60,000	✓	Up to 150	Adjustable	White	Emergency Battery Backup & 10' Cord	✓
67296	LNHIBAVS400UNHD8SC7ADJWHE12C	340/370/400	120-347	0-10	>80	3500/4000 /5000K	51,000/55,500 /60,000	✓	Up to 150	Adjustable	White	Emergency Battery Backup & 12' Cord	✓
67298	LNHIBAVS220UNHD8SC7ADJWHE10C	175/195/220	120-347	0-10	>80	3500/4000 /5000K	26,250/29,250 /33,000	✓	Up to 150	Adjustable	White	Emergency Battery Backup & 10' Cord	✓
67299	LNHIBAVS300UNHD8SC7ADJWHE10C	255/275/300	120-347	0-10	>80	3500/4000 /5000K	38,250/41,250 /45,000	✓	Up to 150	Adjustable	White	Emergency Battery Backup & 10' Cord	✓

*Made To Order

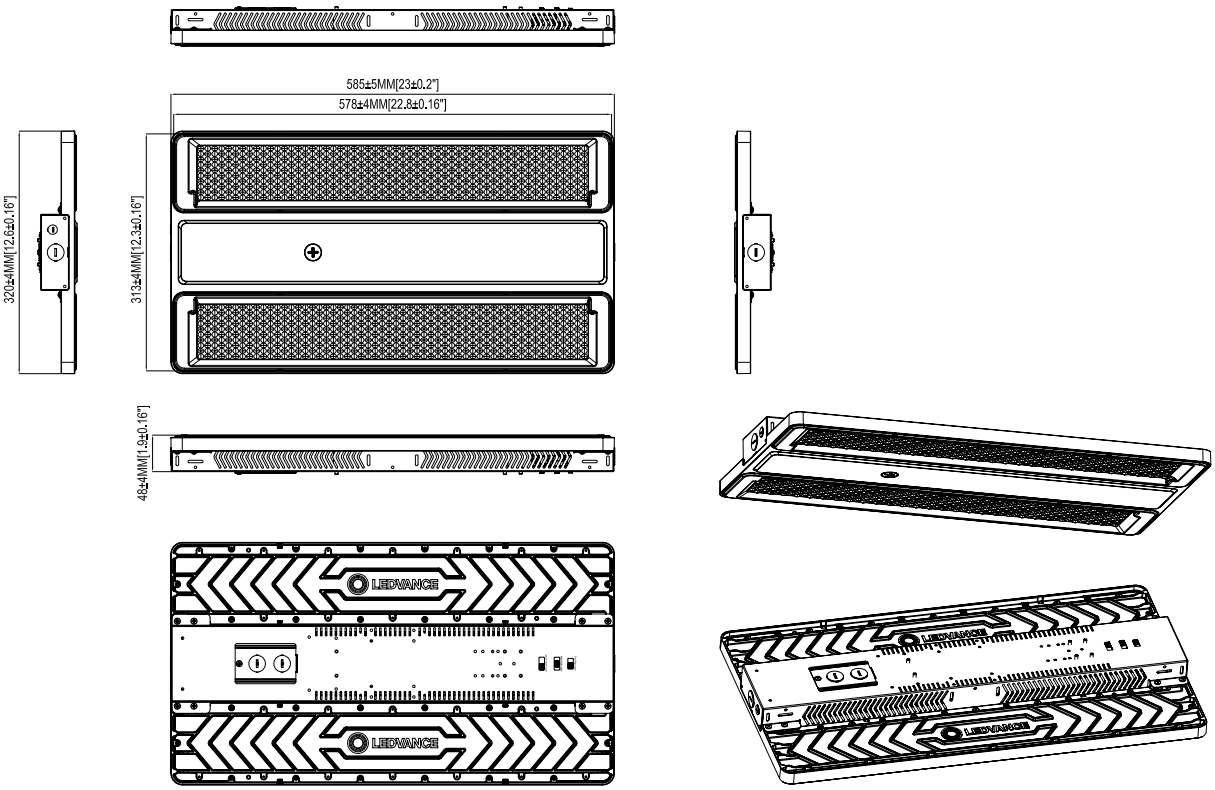
PHYSICAL INFORMATION

PRODUCT DESCRIPTION	LENGTH IN (MM)	WIDTH IN (MM)	HEIGHT IN (MM)	WEIGHT
165W	18.1 (460mm)	11.8 (300mm)	1.9 (48mm)	6.6 lb/3kg
220/300W	23 (585mm)	12.6 (320mm)	1.9 (48mm)	8.8 lb/4kg
400W	27.6 (700mm)	13.2 (335mm)	1.9 (48mm)	12.5 lb/5.7kg

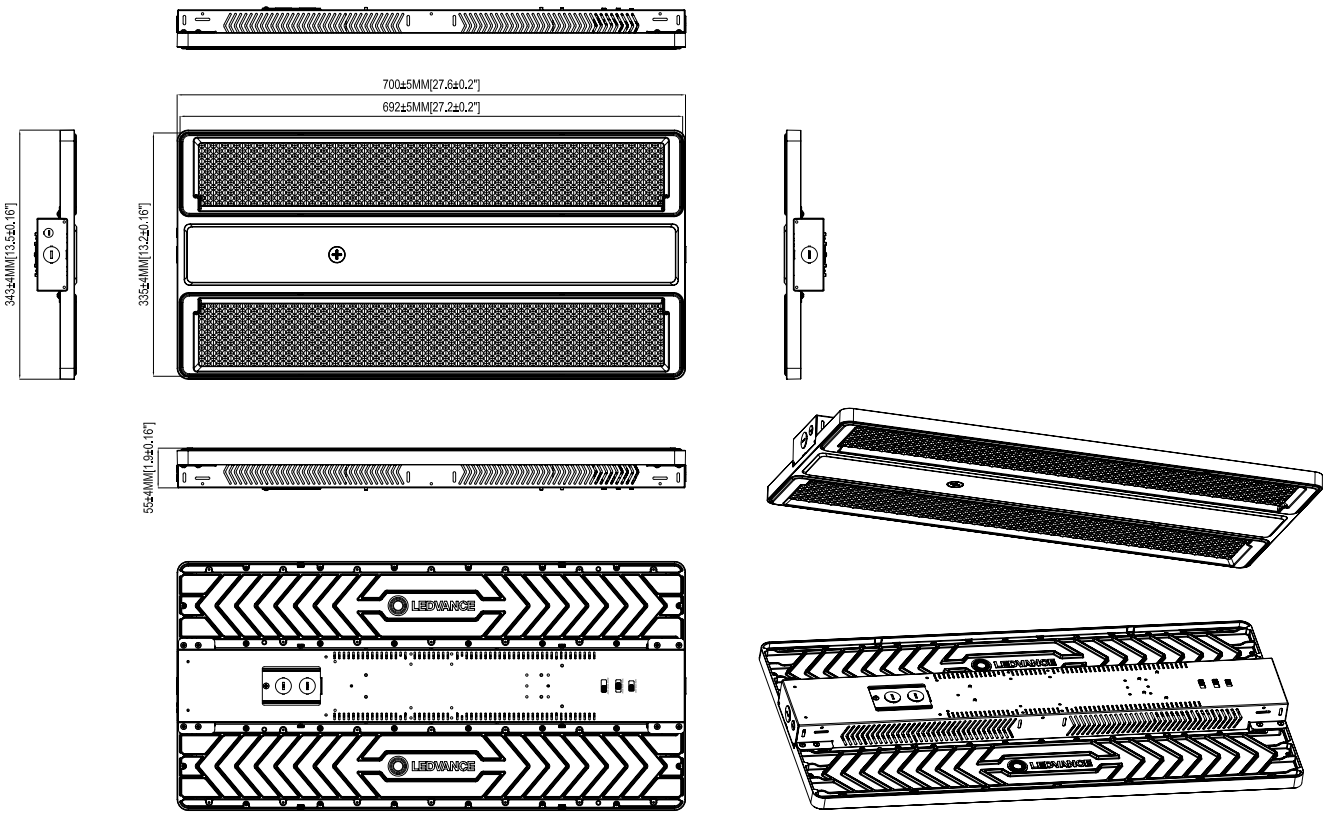
165W



220/300W



400W



ACCESSORIES

ITEM #	ORDERING ABBREVIATION	ITEM DESCRIPTION
63065	LNHIBA6A/WG02/WH	Wire Guard for Linear High Bay – fits 165W and 220W, white
63066	LNHIBA6A/WG03/WH	Wire Guard for Linear High Bay – fits 300W, white
66876	LNHIBAV/WG04/WH	Wire Guard for Linear High Bay – fits 400W, white
63068	LNHIBA6A/SURFMTGBRACKET02/WH	Surface Mount Brackets for Linear High Bay, fits 105W through 400W, white, must order two brackets for mounting one fixture (cannot be used with EMBB driver)
63070	LNHIBA6A/PENDMTGBRACKET02/WH	Pendant Mount Bracket for Linear High Bay, fits 105W through 400W, white, one bracket included per SKU for mounting one fixture, fits 1/2" or 3/4" conduit (cannot be used with EMBB driver)
65622	HIGHBAY/MOTIONDAYSENSOR	Field installable microwave Motion/Daylight sensor, Max. mounting height of 49ft.*
62664	HIGHBAY/PIR/MOTIONDAYSENSOR2	Field installable PIR DC Motion/Daylight Sensor, IP65, Max. mounting height 39 ft.*
65623	REMOTE/MOTIONDAY/001	Remote control for Motion/Daylight Sensors (65622 and 62664) – Remote is required to change default settings
66877	LNHIBAV/CHAINMT5	5' Chain and Hook kit for 105-400W
66878	LNHIBAV/CHAINMT10	10' Chain and Hook kit for 105-400W
66879	LNHIBAV/CABLEMT5	5' Cable and Hook kit for 105-400W
66880	LNHIBAV/CABLEMT10	10' Cable and Hook kit for 105-400W
66881	LNHIBAV/HOOKCHAINKT	Replacement 3' Chain and Hook kit for 105-400W

*To change default settings, must use 65623 remote control.

OPTIONAL MOTION/DAYLIGHT SENSOR DEFAULT SETTINGS (65622 AND 62664)*

Detection Area	100%
Hold time – Time fixtures stays at 100% after last motion before dimming	10 minutes
Daylight threshold – Light level above which lights will remain off	50 Lux
Stand-by period – Time light remains dimmed before shutting off	60 minutes
Stand-by dimming – dimming level of light during the stand-by period	30%

*The default settings can only be changed by using the optional remote 65623

OPTIONAL LEDVANCE LINK™ ACCESSORIES

Field Installable components compatible with the Linear High Bay OPTI-SELECT

LINK Wireless Control



62634



62630



75943

BENEFITS & FEATURES

- The LEDVANCE LINK™ Bluetooth® Mesh Low Voltage components use Bluetooth® technology for easy and secure wireless communication
- Enables indoor LEDVANCE luminaires to become Bluetooth® enabled and allows for luminaires to be turned on/off and dimmed (manual or auto)
- The LEDVANCE LINK™ Controller (62630) and Sensor (62634) require the simple adapter (75943) to screw into the luminaire
- Components can be used up to 40ft height
- Control using either the LEDVANCE LINK™ App or the wireless wall controller



62636

ORDERING INFORMATION

ITEM #	ORDERING ABBREVIATION	DESCRIPTION
62634*	SENSORHB/PIRAUX12V/BLE	Bluetooth® Mesh low voltage sensor & controller Bluetooth® – BLE enabled daylight/motion sensor
62630*	ADAPTER/AUX12V/BLE	Bluetooth® Mesh low voltage controller – BLE enabled fixture
75943	ADAPTER3P3.5SC	Sensor adapter for integration of LEDVANCE LINK™ 3.5mm components to 3-pin sensor sockets
62636	WALLSWITCH5KEYBLE	Bluetooth® Mesh 5-button controller — battery operated

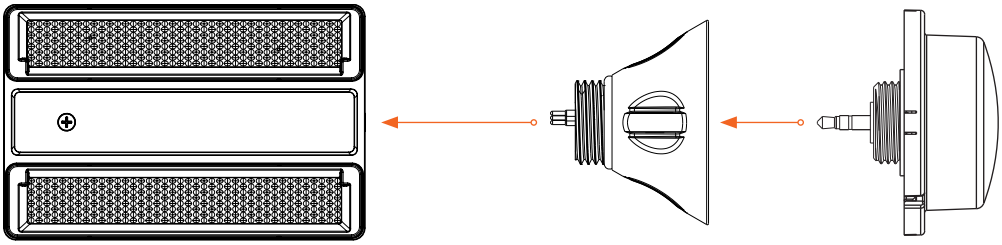
*Requires BLE adapter 75943

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

COMMISSIONING GUIDE

62630

62634



Download on the App Store

GET IT ON Google Play

WATTAGE COMPARISON

TRADITIONAL SOURCE	TRADITIONAL SYSTEM WATATGE	LED SYSTEM WATTAGE	ENERGY SAVINGS
175W MH	210	105	50%
250W MH	290	105	64%
250W HPS	295	135	54%
250W MH	290	165	43%
250W HPS	295	175	41%
320 MH	370	195	47%
400W HPS	460	195	58%
320 MH	370	220	41%
400W HPS	460	220	52%
400W MH	450	255	43%
400W HPS	460	275	40%
400W MH	450	300	33%
750W MH	820	340	59%
750W HPS	840	340	60%
1000W MH	1080	370	66%
1000W HPS	1100	370	66%
750W HPS	840	400	52%
1000W MH	1080	400	63%
1000W HPS	1100	400	64%

LEDVANCE UNITED STATES 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.
The Bluetooth® word mark and logos are registered trademarks owned by the Bluetooth SIG, Inc. and any use of such marks by LEDVANCE LLC is under license.
All other trademarks are those of their respective owners.
Specifications subject to change without notice.

© 2026 LEDVANCE LLC