

LEDVANCE LUMINAIRES

OPTI-SELECT CUT OFF WALL PACK

OPTISELECT

LEDVANCE LUMINAIRE SPECIFICATION DATA

Catalog #	Comments
Project	
Type	
Prepared by	

PERFORMANCE CLASS™



APPLICATION

The LEDVANCE Performance Class OPTI-SELECT Cut-Off Wall Pack delivers unmatched precision with its full cut-off design, eliminating uplight to reduce glare and light pollution, while the revolutionary OPTI-SELECT technology lets you instantly switch between T2, T3, and T4 distributions via switch — no lens swap required. With CCT and wattage selectability, an integrated photocell, and plug-and-play controls compatibility, it's the ultimate solution for efficient, adaptive outdoor lighting.

BENEFITS & FEATURES

- OPTI-SELECT: Adjustable types II, III and IV distribution, no lens swap needed
- Up to 150 LPW
- Selectable color temperature: 3000/4000/5000K
- CRI>80
- Selectable wattage and lumens:
 - 25/30/40W | 3750/4500/6000lm
 - 40/50/60W | 6000/7500/9000lm
 - 60/80/100W | 9000/12000/15000lm
- DLC 5.1 Premium listing assures high energy efficiency and qualifies this product for utility rebates
- Ready for field installable standalone sensors, no wiring required
- Integrated photocell that can be disabled in the field
- UV stabilized polycarbonate lens



OPTISELECT



Adjustable Light Distribution:
Switch-Controlled T2, T3, and T4 Settings



ELECTRICAL

- 120-347 V_{AC}
- Power Factor >0.9
- THD <20%
- Dimmable 0-10V
- Surge Protection:
 - 4kV (40W)
 - 6kV (60/100W)

RATED LIFE

- 100,000 hours (L₇₀) @ 25°C ambient

WARRANTY

- 5 year
- NLB Trusted Warranty Program

CERTIFICATIONS & LISTINGS

- cULus listed to UL1598 standards
- RoHs
- FCC
- IP65, wet location rated
- DLC 5.1 Premium

OPERATING TEMPERATURE

- -40°F to +122°F (-40°C to +50°C)
- With EMBB: +32°F to +113°F (0°C to +45°C)

INSTALLATION

- Wall mount



INSTALLATION GUIDE

ORDERING GUIDE

WALPAKC	P	SXXX	UNH	D	8	SC2	ADJ	XX	X
PRODUCT NAME	SEGMENTATION	WATTAGE	VOLTAGE	DIMMING	CRI	COLOR TEMPERATURE	OPTICS	COLOR/FINISH	OPTIONS
WALPAKC = Cut Off Wall Pack Luminaire	P = Performance Class	S025 = 25/30/40W S060 = 40/50/60W S100 = 60/80/100W	UNH = 120-347V	D = 0-10V Dimmable	8 = >80	SC2 = 3000/ 4000/5000K	ADJ = Adjustable	BZ = Bronze BL = Black WH = White	P = Photocell E = EMBB

ORDERING INFORMATION

ITEM #	ORDERING ABBREVIATION	WATTAGE (W)	INPUT VOLTAGE (V)	DIM (V)	CRI	CCT	TOTAL LUMENS @ 4000K/MEDIUM (LM)	DLC	LPW	FINISH	OPTIONS	BUG RATING	MTO*
66379	WALPAKCP040UNHD8SC2ADJBZP	25/30/40	120-347	0-10	>80	3000/4000/5000K	3750/4500/6000	5.1 Prem	150	Bronze	Integrated Photocell	B2-U0-G1	-
66380	WALPAKCP060UNHD8SC2ADJBZP	40/50/60	120-347	0-10	>80	3000/4000/5000K	6000/7500/9000	5.1 Prem	150	Bronze	Integrated Photocell	B3-U0-G2	-
66381	WALPAKCP100UNHD8SC2ADJBZP	60/80/100	120-347	0-10	>80	3000/4000/5000K	9000/12000/15000	5.1 Prem	150	Bronze	Integrated Photocell	B3-U0-G2	-
66382	WALPAKCP040UNHD8SC2ADJBLP	25/30/40	120-347	0-10	>80	3000/4000/5000K	3750/4500/6000	5.1 Prem	150	Black	Integrated Photocell	B2-U0-G1	-
66383	WALPAKCP060UNHD8SC2ADJBLP	40/50/60	120-347	0-10	>80	3000/4000/5000K	6000/7500/9000	5.1 Prem	150	Black	Integrated Photocell	B3-U0-G2	-
66384	WALPAKCP100UNHD8SC2ADJBLP	60/80/100	120-347	0-10	>80	3000/4000/5000K	9000/12000/15000	5.1 Prem	150	Black	Integrated Photocell	B3-U0-G2	-
66385	WALPAKCP040UNHD8SC2ADJWHP	25/30/40	120-347	0-10	>80	3000/4000/5000K	3750/4500/6000	5.1 Prem	150	White	Integrated Photocell	B2-U0-G1	-
66386	WALPAKCP060UNHD8SC2ADJWHP	40/50/60	120-347	0-10	>80	3000/4000/5000K	6000/7500/9000	5.1 Prem	150	White	Integrated Photocell	B3-U0-G2	-
66387	WALPAKCP100UNHD8SC2ADJWHP	60/80/100	120-347	0-10	>80	3000/4000/5000K	9000/12000/15000	5.1 Prem	150	White	Integrated Photocell	B3-U0-G2	-

ORDERING INFORMATION (CONTINUED)

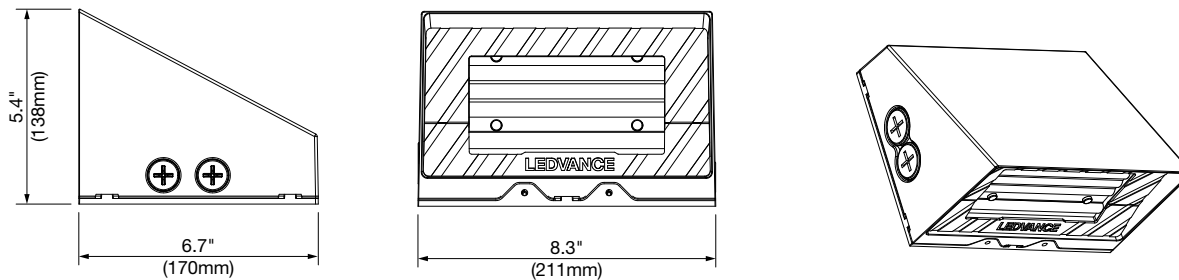
ITEM #	ORDERING ABBREVIATION	WATTAGE (W)	INPUT VOLTAGE (V)	DIM (V)	CRI	CCT	TOTAL LUMENS @ 4000K/MEDIUM (LM)	DLC	LPW	FINISH	OPTIONS	BUG RATING	MTO*
66973	WALPAKCP5040UNHD8SC2ADJBZPE	25/30/40	120-347	0-10	>80	3000/4000 /5000K	3750/4500 /6000	5.1 Prem	150	Bronze	Photocell, EMBB	B2U0G1	✓
66974	WALPAKCP5060UNHD8SC2ADJBZPE	40/50/60	120-347	0-10	>80	3000/4000 /5000K	6000/7500 /9000	5.1 Prem	150	Bronze	Photocell, EMBB	B3U0G2	✓
66975	WALPAKCP5100UNHD8SC2ADJBZPE	60/80/100	120-347	0-10	>80	3000/4000 /5000K	9000/12000 /15000	5.1 Prem	150	Bronze	Photocell, EMBB	B3U0G2	✓
66976	WALPAKCP5040UNHD8SC2ADJBLPE	25/30/40	120-347	0-10	>80	3000/4000 /5000K	3750/4500 /6000	5.1 Prem	150	Black	Photocell, EMBB	B2U0G1	✓
66977	WALPAKCP5060UNHD8SC2ADJBLPE	40/50/60	120-347	0-10	>80	3000/4000 /5000K	6000/7500 /9000	5.1 Prem	150	Black	Photocell, EMBB	B3U0G2	✓
66978	WALPAKCP5100UNHD8SC2ADJBLPE	60/80/100	120-347	0-10	>80	3000/4000 /5000K	9000/12000 /15000	5.1 Prem	150	Black	Photocell, EMBB	B3U0G2	✓
66979	WALPAKCP5040UNHD8SC2ADJWHPE	25/30/40	120-347	0-10	>80	3000/4000 /5000K	3750/4500 /6000	5.1 Prem	150	White	Photocell, EMBB	B2U0G1	✓
66980	WALPAKCP5060UNHD8SC2ADJWHPE	40/50/60	120-347	0-10	>80	3000/4000 /5000K	6000/7500 /9000	5.1 Prem	150	White	Photocell, EMBB	B3U0G2	✓
66981	WALPAKCP5100UNHD8SC2ADJWHPE	60/80/100	120-347	0-10	>80	3000/4000 /5000K	9000/12000 /15000	5.1 Prem	150	White	Photocell, EMBB	B3U0G2	✓

* Made To Order

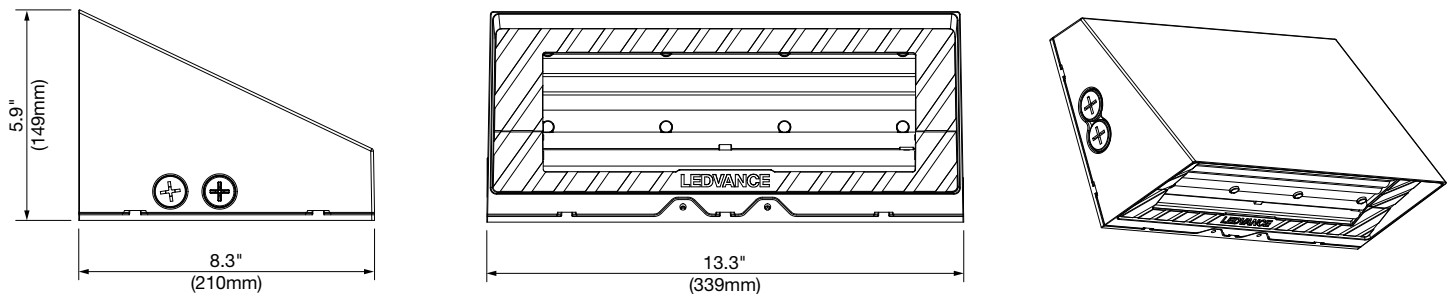
PHYSICAL INFORMATION

PRODUCT DESCRIPTION	LENGTH IN (MM)	WIDTH IN (MM)	HEIGHT IN (MM)	WEIGHT LB(KG)
40W	8.3 (211)	5.4 (138)	6.7 (170)	4.0 (1.8)
60W/100W	13.3 (339)	5.9 (149)	8.3 (210)	6.2 (2.8)

40W



60W/100W



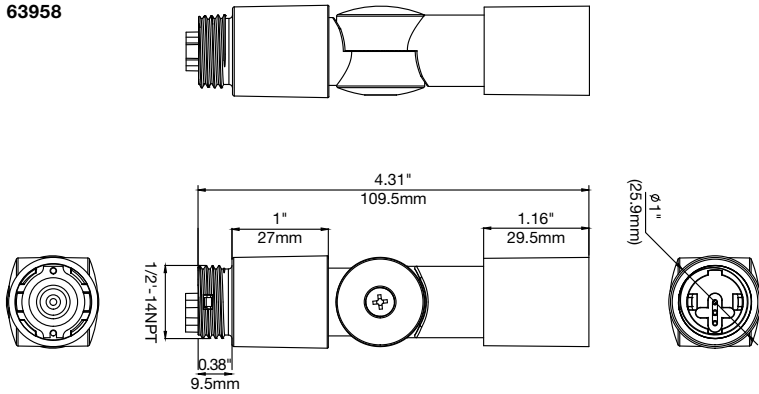
ACCESSORIES

ITEM #	ORDERING ABBREVIATION	ITEM DESCRIPTION
Sensors		
63958	WALPAKN9ASENSORADAPTOR	Daylight/Motion Sensor Adapter — Adapter is required to install the sensor
62664	HIGHBAYPIRMOTIONDAYSENSOR2	Field installable PIR Motion/Daylight Sensor, IP65, Max. mounting height 39ft, White
65622*	HIGHBAYMOTIONDAYSENSOR	Field installable Microwave Motion/Daylight Sensor, IP65, Max. mounting height 49ft, White
65623	REMOTE/MOTIONDAY/001	Remote control for Motion/Daylight Sensors – Remote is required to change default settings

*Microwave sensors are not recommended for outdoor use. Microwave sensors are highly sensitive. Metal, glass, windows, industrial fans, and large obstructions can all generate false triggering. Based on installation, PIR sensor may be a better option, although extreme heat or cold can reduce sensitivity or cause false triggers. For additional application notes, please go to: <https://assets3.ledvanceus.com/media/resource/original/asset-13239171>

SENSOR ADAPTER

63958



The adapter is always required for proper installation. No wiring is necessary. To ensure compatibility, the top cap included with the adapter must be removed to expose the 3-pin base.

BATTERY INFORMATION

	TYPE	STADBY POWER	CHARGING TIME	CHARGING POWER	POWER IN EMERGENCY MODE	DISCHARGE TIME
40W	LiFePO4	1.0W max	24h min	0.5W max	8.8W	90min
60/100W	LiFePO4	1.0W max	24h min	0.5W max	3.9W	90min

OPTIONAL MOTION/DAYLIGHT SENSOR DEFAULT SETTINGS

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%



**MOTION SENSOR
(62664)**



**REMOTE
(65623)**



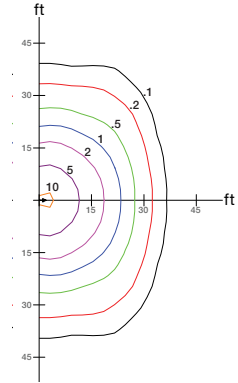
SPEC SHEET

PHOTOMETRIC INFORMATION

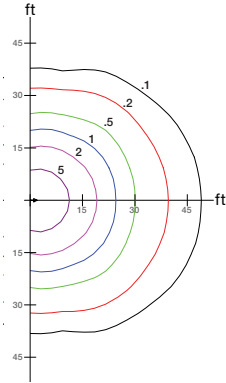
LEDVANCE provides lighting layout services on request — please contact your sales representative.

HORIZONTAL ISO FOOT-CANDLE PLOT

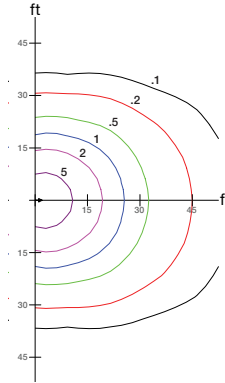
**40W luminaire, T2,
mounted at 15'**



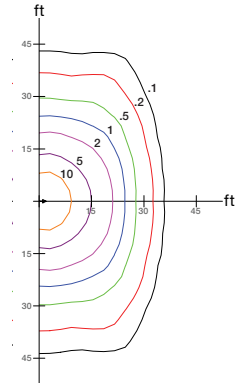
**40W luminaire, T3,
mounted at 15'**



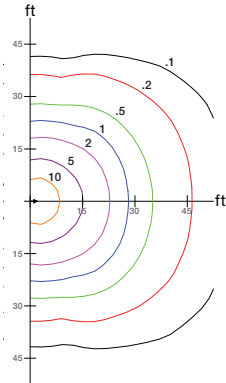
**40W luminaire, T4,
mounted at 15'**



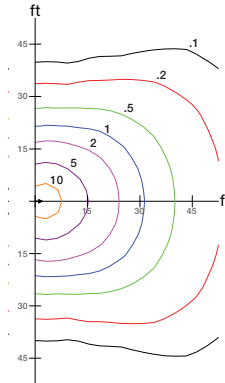
**60W luminaire, T2,
mounted at 15'**



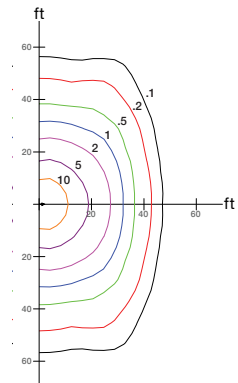
**60W luminaire, T3,
mounted at 15'**



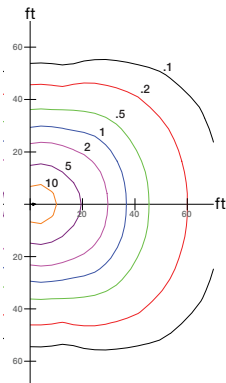
**60W luminaire, T4,
mounted at 15'**



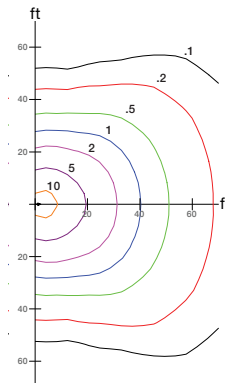
**100W luminaire, T2,
mounted at 20'**



**100W luminaire, T3,
mounted at 20'**



**100W luminaire, T4,
mounted at 20'**



MOUNTING HEIGHT (FT)	10	12	15	18	20
MULTIPLIER	2.25	1.56	1	0.69	0.56
MOUNTING HEIGHT (FT)	15	18	20	22	25
MULTIPLIER	1.78	1.23	1	0.83	0.64

- Multiply the footcandle levels in the diagram according to the desired installation height
- Each tick on the diagram represents a multiple of the mounting height from the fixture

WATTAGE COMPARISON

LED SOURCE WATTAGE/LUMENS	REPLACES TRADITIONAL SOURCE	ENERGY SAVINGS
40W/6,000lm	MH/HPS	100W
60W/9,000lm		250W
100W/15,000lm		400W

LEDVANCE LLC
181 Ballardvale Street, Suite 203
Wilmington, MA 01887 USA
Phone 1-800-LIGHTBULB (1-800-544-4828)
www.ledvanceUS.com

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



SCAN TO FOLLOW US
ON SOCIAL MEDIA