

LEDVANCE LUMINAIRES

WALL PACK CUTOFF

OPTI-SELECT

OPTISELECT

LEDVANCE LUMINAIRE SPECIFICATION DATA

Catalog #	Comments
Project	
Type	
Prepared by	

PERFORMANCE CLASS™



APPLICATION

The LEDVANCE Performance Class OPTI-SELECT Cutoff Wall Pack delivers unmatched precision with its full cutoff 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 or the exclusive 1800/2200/2700K (only 1800/2200/2700K is DarkSky Approved)
- CRI >80
- Selectable wattage and lumens (@4000K):
 - 25/30/40W | 3750/4500/6000lm
 - 40/50/60W | 6000/7500/9000lm
 - 60/80/100W | 9000/12000/15000lm
- DE-AMBER TURTLE-FRIENDLY VERSION suitable for coastal areas to minimize impact on sea turtles
- 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
- DarkSky Approved*

*Only SC15 and De-Amber versions

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 GUIDES



STANDARD PRODUCTS



WARM SPECTRUM



DE-AMBER

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
		60%
		76%
		75%

ORDERING GUIDE

WALPAKC	P	SXXX	UNH	D	8	SCXX	ADJ	XX	X
PRODUCT NAME	SEGMENTATION	WATTAGE	VOLTAGE	DIMMING	CRI	COLOR TEMPERATURE	OPTICS	COLOR/ FINISH	OPTIONS
WALPAKC = Cutoff Wall Pack Luminaire	P = Performance Class	S040 = 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 GUIDE (DarkSky APPROVED PRODUCTS)

WALPAKC	P	SXXX	UNH	D	8	SCXX	ADJ	XX	X
PRODUCT NAME	SEGMENTATION	WATTAGE	VOLTAGE	DIMMING	CRI	COLOR TEMPERATURE	OPTICS	COLOR/ FINISH	OPTIONS
WALPAKC = Cutoff Wall Pack Luminaire	P = Performance Class	S030 = 15/25/30W S035 = 21/28/35W S060 = 40/50/60W S100 = 60/80/100W	UNH = 120-347V	D = 0-10V Dimmable	8 = >80	SC15 = 1800/ 2200/2700K AMB = De-Amber	ADJ = Adjustable	BZ = Bronze BL = Black WH = White	P = Photocell E = EMBB

ORDERING INFORMATION

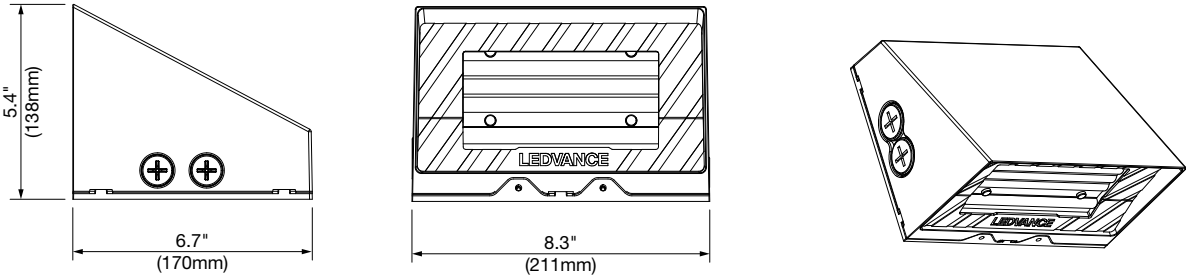
ITEM #	ORDERING ABBREVIATION	WATTAGE (W)	INPUT VOLTAGE (V)	DIM (V)	CRI	CCT	TOTAL LUMENS @ 4000K/ MEDIUM (LM)	DLC	LPW	FINISH	OPTIONS	BUG RATING	MTO*
STANDARD PRODUCTS													
66379	WALPAKCPS040UNHD8SC2ADJBZP	25/30/40	120-347	0-10	>80	3000/4000 /5000K	3750/4500 /6000	5.1 Prem	150	Bronze	Integrated Photocell	B2-U0-G1	–
66380	WALPAKCPS060UNHD8SC2ADJBZP	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	WALPAKCPS100UNHD8SC2ADJBZP	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	WALPAKCPS040UNHD8SC2ADJBLP	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	WALPAKCPS060UNHD8SC2ADJBLP	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	WALPAKCPS100UNHD8SC2ADJBLP	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	WALPAKCPS040UNHD8SC2ADJWHP	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	WALPAKCPS060UNHD8SC2ADJWHP	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	WALPAKCPS100UNHD8SC2ADJWHP	60/80/100	120-347	0-10	>80	3000/4000 /5000K	9000/12000 /15000	5.1 Prem	150	White	Integrated Photocell	B3-U0-G2	–
66973	WALPAKCPS040UNHD8SC2ADJBZPE	25/30/40	120-347	0-10	>80	3000/4000 /5000K	3750/4500 /6000	5.1 Prem	150	Bronze	Photocell, EMBB	B2U0G1	✓
66974	WALPAKCPS060UNHD8SC2ADJBZPE	40/50/60	120-347	0-10	>80	3000/4000 /5000K	6000/7500 /9000	5.1 Prem	150	Bronze	Photocell, EMBB	B3U0G2	✓
66975	WALPAKCPS100UNHD8SC2ADJBZPE	60/80/100	120-347	0-10	>80	3000/4000 /5000K	9000/12000 /15000	5.1 Prem	150	Bronze	Photocell, EMBB	B3U0G2	✓
66976	WALPAKCPS040UNHD8SC2ADJBLPE	25/30/40	120-347	0-10	>80	3000/4000 /5000K	3750/4500 /6000	5.1 Prem	150	Black	Photocell, EMBB	B2U0G1	✓
66977	WALPAKCPS060UNHD8SC2ADJBLPE	40/50/60	120-347	0-10	>80	3000/4000 /5000K	6000/7500 /9000	5.1 Prem	150	Black	Photocell, EMBB	B3U0G2	✓
66978	WALPAKCPS100UNHD8SC2ADJBLPE	60/80/100	120-347	0-10	>80	3000/4000 /5000K	9000/12000 /15000	5.1 Prem	150	Black	Photocell, EMBB	B3U0G2	✓
66979	WALPAKCPS040UNHD8SC2ADJWHPE	25/30/40	120-347	0-10	>80	3000/4000 /5000K	3750/4500 /6000	5.1 Prem	150	White	Photocell, EMBB	B2U0G1	✓
66980	WALPAKCPS060UNHD8SC2ADJWHPE	40/50/60	120-347	0-10	>80	3000/4000 /5000K	6000/7500 /9000	5.1 Prem	150	White	Photocell, EMBB	B3U0G2	✓
66981	WALPAKCPS100UNHD8SC2ADJWHPE	60/80/100	120-347	0-10	>80	3000/4000 /5000K	9000/12000 /15000	5.1 Prem	150	White	Photocell, EMBB	B3U0G2	✓
DarkSky APPROVED PRODUCTS													
67129	WALPAKCPS030UNHD8SC15ADJBZP	15/25/30	120-347	0-10	80	1800/2200 /2700	1725/2875 /3450	–	up to 115	Bronze	Photocell	B2-U0-G1	–
67130	WALPAKCPS060UNHD8SC15ADJBZP	40/50/60	120-347	0-10	80	1800/2200 /2700	4200/5250 /6300	–	up to 115	Bronze	Photocell	B3-U0-G2	–
67131	WALPAKCPS100UNHD8SC15ADJBZP	60/80/100	120-347	0-10	80	1800/2200 /2700	6900/9200 /11500	–	up to 115	Bronze	Photocell	B3-U0-G2	–
67133	WALPAKCPS030UNHD8SC15ADJBLP	15/25/30	120-347	0-10	80	1800/2200 /2700	1725/2875 /3450	–	up to 115	Black	Photocell	B2-U0-G1	–
67134	WALPAKCPS060UNHD8SC15ADJBLP	40/50/60	120-347	0-10	80	1800/2200 /2700	4200/5250 /6300	–	up to 115	Black	Photocell	B3-U0-G2	–
67135	WALPAKCPS100UNHD8SC15ADJBLP	60/80/100	120-347	0-10	80	1800/2200 /2700	6900/9200 /11500	–	up to 115	Black	Photocell	B3-U0-G2	–
67137	WALPAKCPS030UNHD8SC15ADJWHP	15/25/30	120-347	0-10	80	1800/2200 /2700	1725/2875 /3450	–	up to 115	White	Photocell	B2-U0-G1	–
67138	WALPAKCPS060UNHD8SC15ADJWHP	40/50/60	120-347	0-10	80	1800/2200 /2700	4200/5250 /6300	–	up to 115	White	Photocell	B3-U0-G2	–
67139	WALPAKCPS100UNHD8SC15ADJWHP	60/80/100	120-347	0-10	80	1800/2200 /2700	6900/9200 /11500	–	up to 115	White	Photocell	B3-U0-G2	–
67132	WALPAKCPS035UNHDAMBADJBZP	21/28/35	120-347	0-10	–	De-amber	1050/1400 /1750	–	up to 150	Bronze	Photocell	B1-U0-G1	–
67136	WALPAKCPS035UNHDAMBADJBLP	21/28/35	120-347	0-10	–	De-amber	1050/1400 /1750	–	up to 150	Black	Photocell	B1-U0-G1	–
67140	WALPAKCPS035UNHDAMBADJWHP	21/28/35	120-347	0-10	–	De-amber	1050/1400 /1750	–	up to 150	White	Photocell	B1-U0-G1	–

* Made To Order

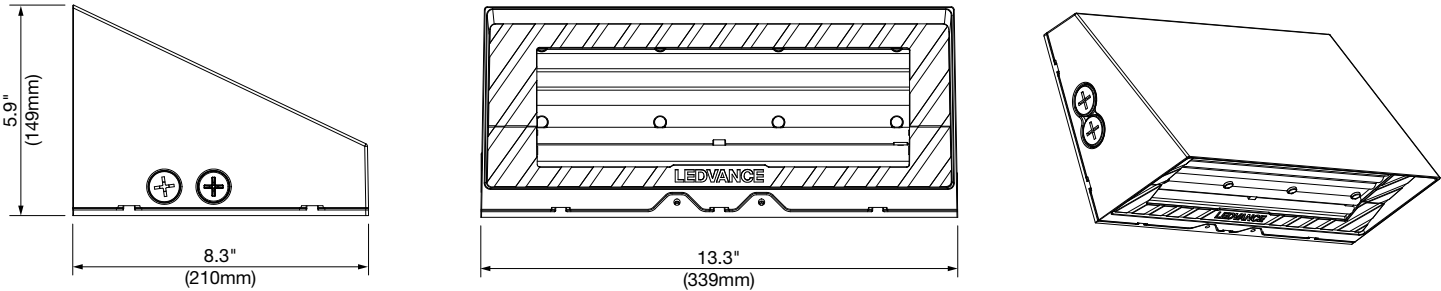
PHYSICAL INFORMATION

PRODUCT DESCRIPTION	LENGTH IN (MM)	WIDTH IN (MM)	HEIGHT IN (MM)	WEIGHT LB(KG)
30W/40W	8.3 (211)	5.4 (138)	6.7 (170)	4.0 (1.8)
35W	13.3 (339)	5.9 (149)	8.3 (210)	5.7 (2.6)
60W/100W	13.3 (339)	5.9 (149)	8.3 (210)	6.2 (2.8)

30W/40W



35W/60W/100W



BATTERY INFORMATION

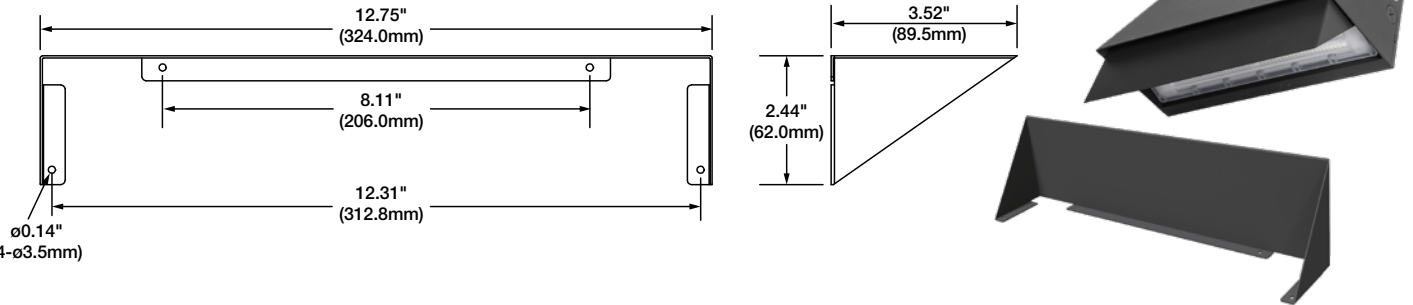
	TYPE	STADBY POWER	CHARGING TIME	CHARGING POWER	POWER IN EMERGENCY MODE	DISCHARGE TIME
40W	LiFePO4	1.0W max	24h min	0.5W max	3.9W	90min
60/100W	LiFePO4	1.0W max	24h min	0.5W max	8.8W	90min

ACCESSORIES

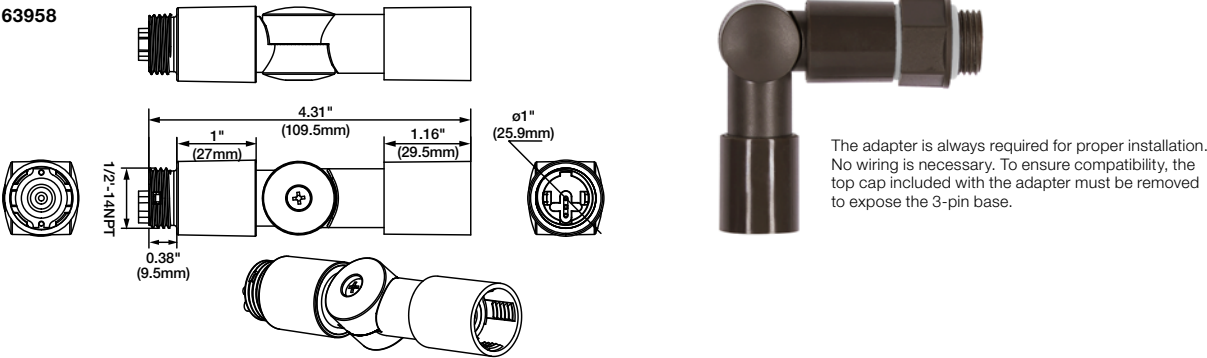
ITEM #	ORDERING ABBREVIATION	ITEM DESCRIPTION
Visors		
67370	WALPAKCPAMBVISORBZ	Visor for Wall Pack OPTI-SELECT 35W, Bronze
67371	WALPAKCPAMBVISORBL	Visor for Wall Pack OPTI-SELECT 35W, Black
67372	WALPAKCPAMBVISORWH	Visor for Wall Pack OPTI-SELECT 35W, White
Sensors		
63958	WALPAKN9ASENSORADAPTOR	Daylight/Motion 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>

VISOR



SENSOR ADAPTER



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%

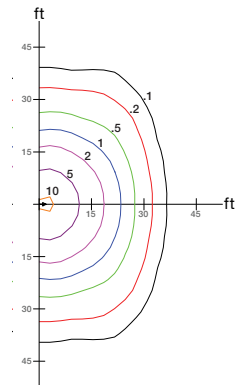


PHOTOMETRIC INFORMATION

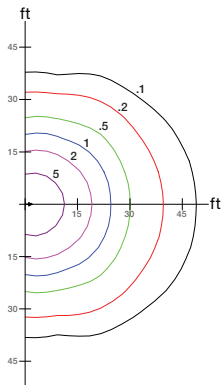
LEDVANCE provides lighting layout services on request — please contact your sales representative.

HORIZONTAL ISO FOOT-CANDLE PLOT

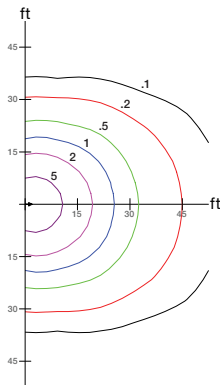
40W luminaire, T2,
mounted at 15'



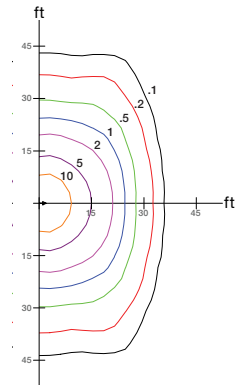
40W luminaire, T3,
mounted at 15'



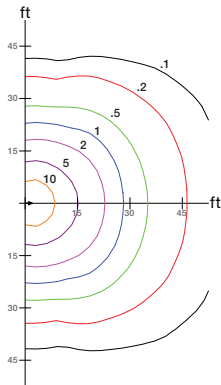
40W luminaire, T4,
mounted at 15'



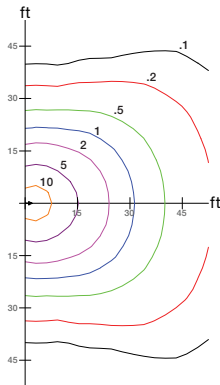
60W luminaire, T2,
mounted at 15'



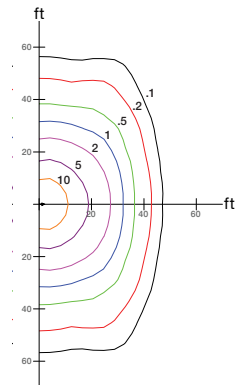
60W luminaire, T3,
mounted at 15'



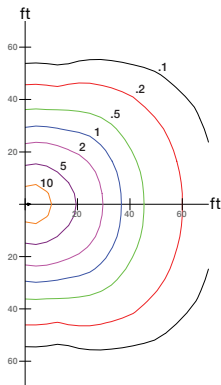
60W luminaire, T4,
mounted at 15'



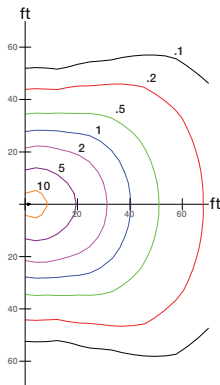
100W luminaire, T2,
mounted at 20'



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

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