

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 Wall Pack Cutoff OPTI-SELECT 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 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
- IK08
- DLC 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 OR @ 2700K (LM)	DLC	LPW	FINISH	OPTIONS	BUG RATING	MTO*
STANDARD PRODUCTS													
66379	WALPAKCP040UNHD8SC2ADJBZP	25/30/40	120-347	0-10	>80	3000/4000 /5000K	3,750/4,500 /6,000	Prem	150	Bronze	Integrated Photocell	B2-U0-G1	–
66380	WALPAKCP060UNHD8SC2ADJBZP	40/50/60	120-347	0-10	>80	3000/4000 /5000K	6,000/7,500 /9,000	Prem	150	Bronze	Integrated Photocell	B3-U0-G2	–
66381	WALPAKCP100UNHD8SC2ADJBZP	60/80/100	120-347	0-10	>80	3000/4000 /5000K	9,000/12,000 /15,000	Prem	150	Bronze	Integrated Photocell	B3-U0-G2	–
66382	WALPAKCP040UNHD8SC2ADJBLP	25/30/40	120-347	0-10	>80	3000/4000 /5000K	3,750/4,500 /6,000	Prem	150	Black	Integrated Photocell	B2-U0-G1	–
66383	WALPAKCP060UNHD8SC2ADJBLP	40/50/60	120-347	0-10	>80	3000/4000 /5000K	6,000/7,500 /9,000	Prem	150	Black	Integrated Photocell	B3-U0-G2	–
66384	WALPAKCP100UNHD8SC2ADJBLP	60/80/100	120-347	0-10	>80	3000/4000 /5000K	9,000/12,000 /15,000	Prem	150	Black	Integrated Photocell	B3-U0-G2	–
66385	WALPAKCP040UNHD8SC2ADJWHP	25/30/40	120-347	0-10	>80	3000/4000 /5000K	3,750/4,500 /6,000	Prem	150	White	Integrated Photocell	B2-U0-G1	–
66386	WALPAKCP060UNHD8SC2ADJWHP	40/50/60	120-347	0-10	>80	3000/4000 /5000K	6,000/7,500 /9,000	Prem	150	White	Integrated Photocell	B3-U0-G2	–
66387	WALPAKCP100UNHD8SC2ADJWHP	60/80/100	120-347	0-10	>80	3000/4000 /5000K	9,000/12,000 /15,000	Prem	150	White	Integrated Photocell	B3-U0-G2	–
66973	WALPAKCP040UNHD8SC2ADJBZPE	25/30/40	120-347	0-10	>80	3000/4000 /5000K	3,750/4,500 /6,000	Prem	150	Bronze	Photocell, EMBB	B2-U0-G1	✓
66974	WALPAKCP060UNHD8SC2ADJBZPE	40/50/60	120-347	0-10	>80	3000/4000 /5000K	6,000/7,500 /9,000	Prem	150	Bronze	Photocell, EMBB	B3-U0-G2	✓
66975	WALPAKCP100UNHD8SC2ADJBZPE	60/80/100	120-347	0-10	>80	3000/4000 /5000K	9,000/12,000 /15,000	Prem	150	Bronze	Photocell, EMBB	B3-U0-G2	✓
66976	WALPAKCP040UNHD8SC2ADJBLPE	25/30/40	120-347	0-10	>80	3000/4000 /5000K	3,750/4,500 /6,000	Prem	150	Black	Photocell, EMBB	B2-U0-G1	✓
66977	WALPAKCP060UNHD8SC2ADJBLPE	40/50/60	120-347	0-10	>80	3000/4000 /5000K	6,000/7,500 /9,000	Prem	150	Black	Photocell, EMBB	B3-U0-G2	✓
66978	WALPAKCP100UNHD8SC2ADJBLPE	60/80/100	120-347	0-10	>80	3000/4000 /5000K	9,000/12,000 /15,000	Prem	150	Black	Photocell, EMBB	B3-U0-G2	✓
66979	WALPAKCP040UNHD8SC2ADJWHPE	25/30/40	120-347	0-10	>80	3000/4000 /5000K	3,750/4,500 /6,000	Prem	150	White	Photocell, EMBB	B3-U0-G2	✓
66980	WALPAKCP060UNHD8SC2ADJWHPE	40/50/60	120-347	0-10	>80	3000/4000 /5000K	6,000/7,500 /9,000	Prem	150	White	Photocell, EMBB	B3-U0-G2	✓
66981	WALPAKCP100UNHD8SC2ADJWHPE	60/80/100	120-347	0-10	>80	3000/4000 /5000K	9,000/12,000 /15,000	Prem	150	White	Photocell, EMBB	B3-U0-G2	✓
DarkSky APPROVED PRODUCTS													
67129	WALPAKCP030UNHD8SC15ADJBZP	15/25/30	120-347	0-10	80	1800/2200 /2700	1,725/2,875 /3,450	–	up to 115	Bronze	Photocell	B1-U0-G1	–
67130	WALPAKCP060UNHD8SC15ADJBZP	40/50/60	120-347	0-10	80	1800/2200 /2700	4,600/5,750 /6,900	–	up to 115	Bronze	Photocell	T2/T3: B2-U0-G1 T4: B2-U0-G2	–
67131	WALPAKCP100UNHD8SC15ADJBZP	60/80/100	120-347	0-10	80	1800/2200 /2700	6,900/9,200 /11,500	–	up to 115	Bronze	Photocell	B3-U0-G2	–
67133	WALPAKCP030UNHD8SC15ADJBLP	15/25/30	120-347	0-10	80	1800/2200 /2700	1,725/2,875 /3,450	–	up to 115	Black	Photocell	B1-U0-G1	–
67134	WALPAKCP060UNHD8SC15ADJBLP	40/50/60	120-347	0-10	80	1800/2200 /2700	4,600/5,750 /6,900	–	up to 115	Black	Photocell	T2/T3: B2-U0-G1 T4: B2-U0-G2	–
67135	WALPAKCP100UNHD8SC15ADJBLP	60/80/100	120-347	0-10	80	1800/2200 /2700	6,900/9,200 /11,500	–	up to 115	Black	Photocell	B3-U0-G2	–
67137	WALPAKCP030UNHD8SC15ADJWHP	15/25/30	120-347	0-10	80	1800/2200 /2700	1,725/2,875 /3,450	–	up to 115	White	Photocell	B1-U0-G1	–
67138	WALPAKCP060UNHD8SC15ADJWHP	40/50/60	120-347	0-10	80	1800/2200 /2700	4,600/5,750 /6,900	–	up to 115	White	Photocell	T2/T3: B2-U0-G1 T4: B2-U0-G2	–
67139	WALPAKCP100UNHD8SC15ADJWHP	60/80/100	120-347	0-10	80	1800/2200 /2700	6,900/9,200 /11,500	–	up to 115	White	Photocell	B3-U0-G2	–
67132	WALPAKCP035UNHDAMBADJBZP	21/28/35	120-347	0-10	–	De-amber	1,050/1,400 /1,750	–	50	Bronze	Photocell	T2: B1-U0-G0 T3/T4: B1-U0-G1	–
67136	WALPAKCP035UNHDAMBADJBLP	21/28/35	120-347	0-10	–	De-amber	1,050/1,400 /1,750	–	50	Black	Photocell	T2: B1-U0-G0 T3/T4: B1-U0-G1	–
67140	WALPAKCP035UNHDAMBADJWHP	21/28/35	120-347	0-10	–	De-amber	1,050/1,400 /1,750	–	50	White	Photocell	T2: B1-U0-G0 T3/T4: B1-U0-G1	–
68036	WALPAKCP030UNHD8SC15ADJBZPE	15/25/30	120-347	0-10	80	1800/2200 /2700	1,725/2,875 /3,450	–	up to 115	Bronze	Photocell, EMBB	B1-U0-G1	✓

ORDERING INFORMATION (CONTINUED)

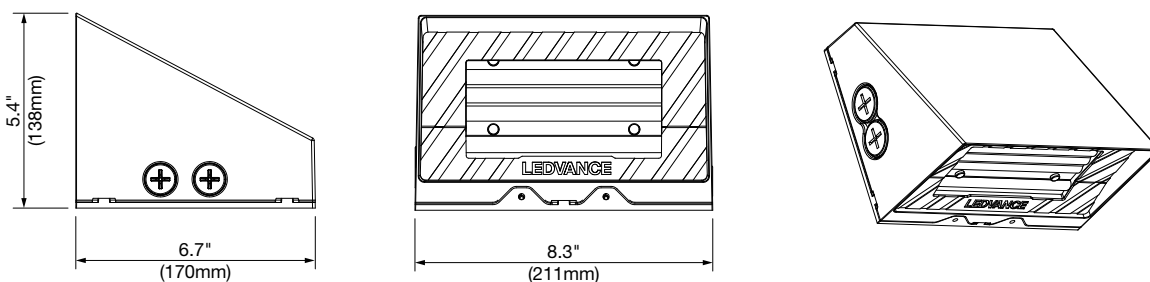
ITEM #	ORDERING ABBREVIATION	WATTAGE (W)	INPUT VOLTAGE (V)	DIM (V)	CRI	CCT	TOTAL LUMENS @ 4000K OR @ 2700K (LM)	DLC	LPW	FINISH	OPTIONS	BUG RATING	MTO*
68037	WALPAKCP030UNHD8SC15ADJBZPE	40/50/60	120-347	0-10	80	1800/2200 /2700	4,600/5,750 /6,900	-	up to 115	Bronze	Photocell, EMBB	B2-U0-G1	✓
68038	WALPAKCP030UNHD8SC15ADJBZPE	60/80/100	120-347	0-10	80	1800/2200 /2700	6,900/9,200 /11,500	-	up to 115	Bronze	Photocell, EMBB	B3-U0-G2	✓
68039	WALPAKCP030UNHD8SC15ADJBLPE	15/25/30	120-347	0-10	80	1800/2200 /2700	1,725/2,875 /3,450	-	up to 115	Black	Photocell, EMBB	B1-U0-G1	✓
68040	WALPAKCP030UNHD8SC15ADJBLPE	40/50/60	120-347	0-10	80	1800/2200 /2700	4,600/5,750 /6,900	-	up to 115	Black	Photocell, EMBB	T2/T3: B2-U0-G1 T4: B2-U0-G2	✓
68041	WALPAKCP030UNHD8SC15ADJBLPE	60/80/100	120-347	0-10	80	1800/2200 /2700	6,900/9,200 /11,500	-	up to 115	Black	Photocell, EMBB	B3-U0-G2	✓
68042	WALPAKCP030UNHD8SC15ADJWHPE	15/25/30	120-347	0-10	80	1800/2200 /2700	1,725/2,875 /3,450	-	up to 115	White	Photocell, EMBB	B1-U0-G1	✓
68043	WALPAKCP030UNHD8SC15ADJWHPE	40/50/60	120-347	0-10	80	1800/2200 /2700	4,600/5,750 /6,900	-	up to 115	White	Photocell, EMBB	T2/T3: B2-U0-G1 T4: B2-U0-G2	✓
68044	WALPAKCP030UNHD8SC15ADJWHPE	60/80/100	120-347	0-10	80	1800/2200 /2700	6,900/9,200 /11,500	-	up to 115	White	Photocell, EMBB	B3-U0-G2	✓
68046	WALPAKCP035UNHDAMBADJBZPE	21/28/35	120-347	0-10	-	De-amber	1,050/1,400 /1,750	-	50	Bronze	Photocell, EMBB	T2: B1-U0-G0 T3/T4: B1-U0-G1	✓
68047	WALPAKCP035UNHDAMBADJBLPE	21/28/35	120-347	0-10	-	De-amber	1,050/1,400 /1,750	-	50	Black	Photocell, EMBB	T2: B1-U0-G0 T3/T4: B1-U0-G1	✓
68048	WALPAKCP035UNHDAMBADJWHPE	21/28/35	120-347	0-10	-	De-amber	1,050/1,400 /1,750	-	50	White	Photocell, EMBB	T2: B1-U0-G0 T3/T4: B1-U0-G1	✓

* Made To Order

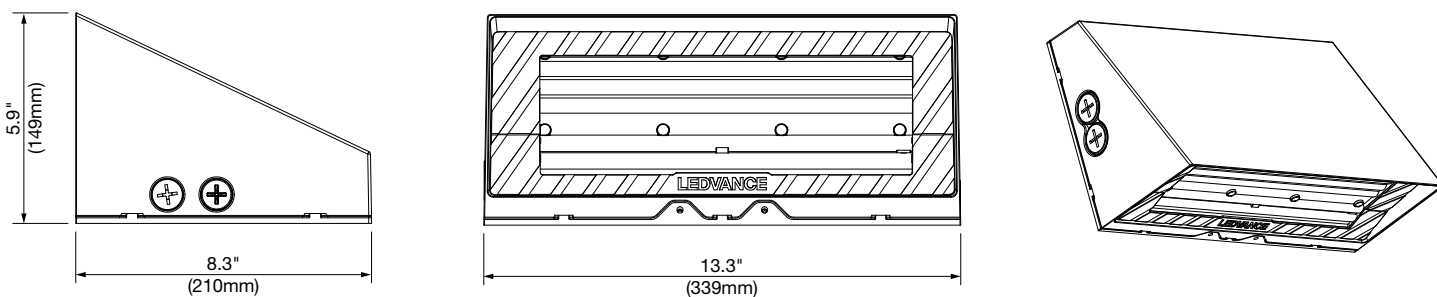
PHYSICAL INFORMATION

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

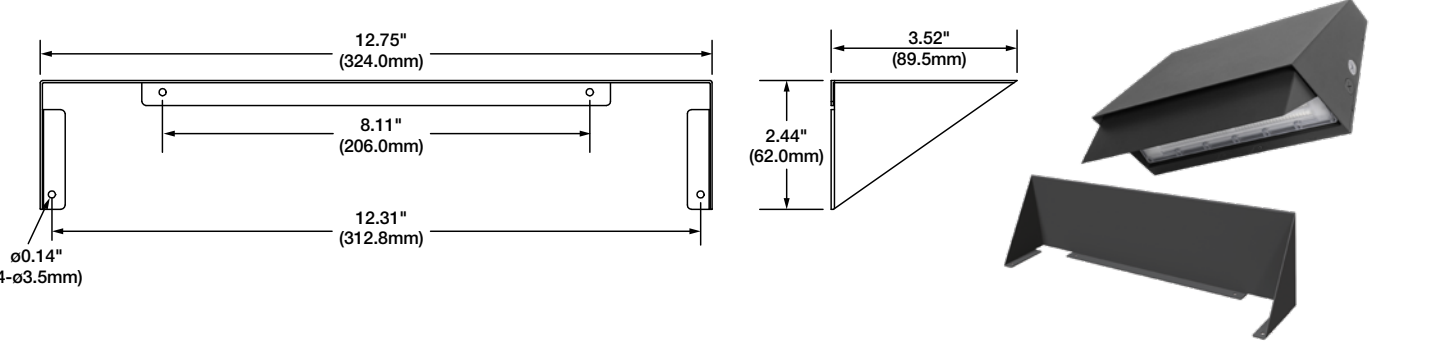
	TYPE	STADBY POWER	CHARGING TIME	CHARGING POWER	POWER IN EMERGENCY MODE	DISCHARGE TIME
40W	LiFePO4	1.0W max	24h min	0.5W max	3.9W	90min
60/100W	LiFePO4	1.0W max	24h min	0.5W max	8.8W	90min

ACCESSORIES

ITEM #	ORDERING ABBREVIATION	ITEM DESCRIPTION
Visors		
67370	WALPAKCPAMBVISORBZ	Visor for Wall Pack OPTI-SELECT 35W, 60W and 100W, Bronze
67371	WALPAKCPAMBVISORBL	Visor for Wall Pack OPTI-SELECT 35W, 60W and 100W, Black
67372	WALPAKCPAMBVISORWH	Visor for Wall Pack OPTI-SELECT 35W, 60W and 100W, White
Standalone 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
LEDVANCE LINK™ Accessories		
75913	SENSOR2ODPIR3.5BLEBLK	Outdoor Bluetooth® Low Energy Mesh PIR sensor with controller, Screw-in Plug & Play, 3.5mm AUX, Black
75944	ADAPTER3P3.5SCBK	LINK™ 3-PIN to 3.5mm Adapter, Black

*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%



MOTION SENSOR
(62664)



REMOTE
(65623)



**SENSORS
SPEC SHEET**

OPTIONAL LEDVANCE LINK™ ACCESSORIES



LINK™ Wireless Control



**BLUETOOTH®
SENSOR**
(75913)



LINK™ ADAPTER
(75944)

BENEFITS & FEATURES

- The LEDVANCE LINK™ Bluetooth® Mesh Low Voltage components use Bluetooth technology for easy and secure wireless communication
- Enables regular LEDVANCE luminaires to become Bluetooth® enabled and allows for luminaires to be turned on/off and dimmed (manual or auto)
- Components can be used up to 40ft fixture mounting height
- Control using either the LEDVANCE LINK™ App or the wireless/wired wall controller

SENSOR INFORMATION

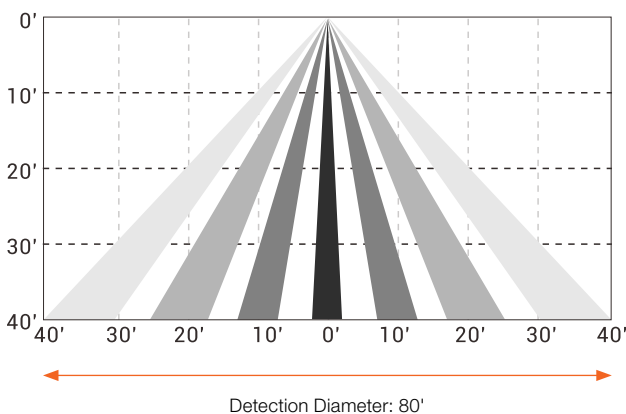
- Photocell Threshold On/Off + PIR sensing technology
- Input voltage: 12V_{DC}
- Bluetooth® transmission range: 200ft (60m) max. (clear line of sight)
- Detection range: 48-80ft Diameter
- Input current: 50mA
- Dimming: 0-10V
- Mounting height: 20-40ft
- Operating temperature: -22°F~131°F (-30°C~55°C)
- IP rating: IP66, wet rated
- Protocol: Bluetooth® Mesh BLE Proprietary



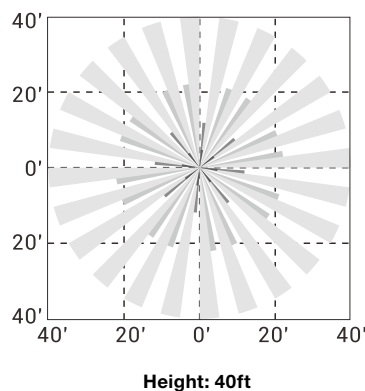
**COMMISSIONING
GUIDE**

MOUNTING HEIGHT: UP TO 40'

Detection Coverage Side View



Detection Coverage Top View

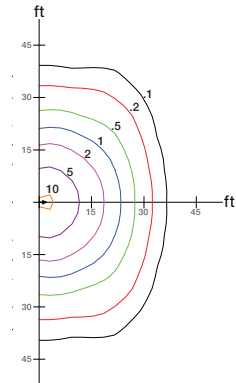


PHOTOMETRIC INFORMATION

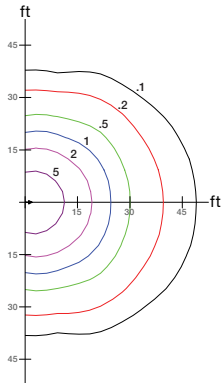
LEDVANCE provides lighting layout services on request — please contact your sales representative.

HORIZONTAL ISO FOOT-CANDLE PLOT

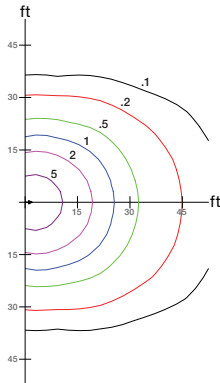
40W luminaire, T2,
mounted at 15'



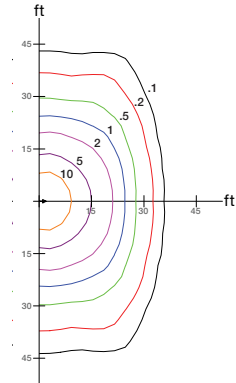
40W luminaire, T3,
mounted at 15'



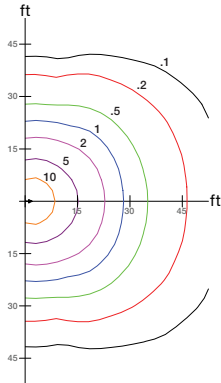
40W luminaire, T4,
mounted at 15'



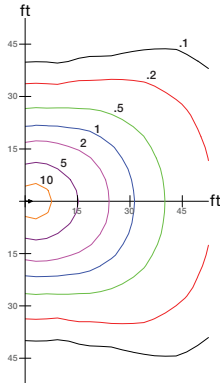
60W luminaire, T2,
mounted at 15'



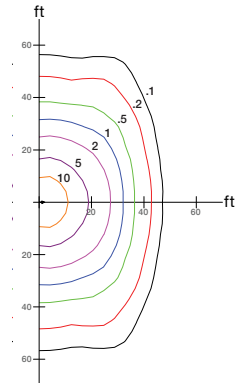
60W luminaire, T3,
mounted at 15'



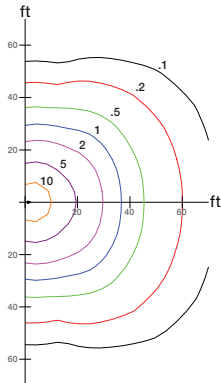
60W luminaire, T4,
mounted at 15'



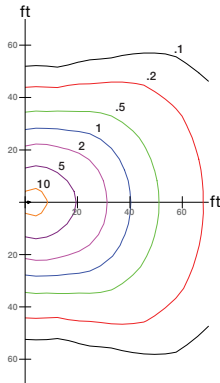
100W luminaire, T2,
mounted at 20'



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



**LEDVANCE NORTH AMERICAN
HEADQUARTERS**

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**LEDVANCE CANADIAN
HEADQUARTERS**

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