



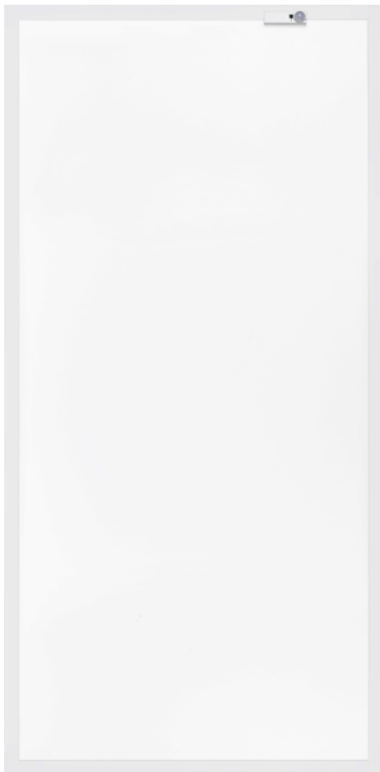
LEDVANCE LUMINAIRES

PANEL WITH SNAP IN SENSOR

LEDVANCE LUMINAIRE SPECIFICATION DATA

Catalog #	Comments
Project	
Type	
Prepared by	

VALUE CLASS™



APPLICATION

LEDVANCE Backlit Dual Selectable Panel with front port for adding PIR Sensor (audio-jack 3.5mm classic connection). A versatile product that offers a quick and easy selection from three light colors and three maximum lumen output options in the same product. It is the ideal solution for offices, schools, hospitality and commercial applications.

BENEFITS & FEATURES

- Control Ready (Sensor and Remote sold separately)
- 3 selectable light colors: 3500K, 4000K and 5000K
- 3 selectable wattage and lumen outputs
- Backlit technology that offers even lighting distribution without shadowing
- DLC Premium listed to maximize rebate opportunities
- Qualified as LLLC (Luminaire Level Lighting Controls) under DLC for maximum utility rebate eligibility (pending)



ELECTRICAL

- 120-277V_{AC}
- Power Factor >0.9
- THD <20%
- Dimmable 0-10V

OPERATING TEMPERATURE

- -4°F to +104°F (-20°C to +40°C)

RATED LIFE

- 50,000 hours (L₇₀)

CERTIFICATIONS & LISTINGS

- cETLus
- ROHS
- FCC
- DLC Premium
- TAA
- Damp Rating

WARRANTY

- 5 year
- NLB Trusted Warranty Program

INSTALLATION

- Surface mounting kit, suspension kit, flange kit

ORDERING GUIDE

PANELF	XXX	UNV	D	8	SC7	XX	WH	SS
PRODUCT NAME	SELECTABLE WATTAGE	VOLTAGE	DIMMING	CRI	COLOR TEMP (CCT)	DIMENSIONS	COLOR/FINISH	SENSOR RECEPTACLE
PANELF = LED Panel	022 = up to 22 Watts 027 = up to 27 Watts	UNV = 120-277V	D = 0-10V	8 = >80	SC7 = 3500K, 4000K, 5000K	14 = 1' x 4' 22 = 2' x 2' 24 = 2' x 4'	WH = White	SS = Sensor Receptacle

ORDERING INFORMATION

ITEM #	ORDERING ABBREVIATION	WATTAGE (W)	INPUT VOLTAGE (V)	DIMMING	CRI	COLOR TEMP	FIXTURE LUMENS (LM)	DLC
66506	PANELF022UNVD8SC714WHSS	11/16/22	120-277	0-10V	>80	3500/4000/5000K	1500/2250/3000	Premium
66507	PANELF022UNVD8SC722WHSS	11/16/22	120-277	0-10V	>80	3500/4000/5000K	1500/2250/3000	Premium
66508	PANELF027UNVD8SC724WHSS	16/22/27	120-277	0-10V	>80	3500/4000/5000K	2250/3100/3750	Premium

WATTAGE COMPARISON

	TRADITIONAL SOURCE	TRADITIONAL SYSTEM WATTAGE	LED SYSTEM WATTAGE	ENERGY SAVINGS
1 x 4 2 x 2	FO28 2 x 28	49	11	77%
	FO28 2 x 28	49	16	67%
	FO28 2 x 28	49	22	55%
	FO32 2 x 32	56	11	80%
	FO32 2 x 32	56	16	71%
	FO32 2 x 32	56	22	60%
2 x 4	3 x 32	84	16	81%
	3 x 32	84	22	74%
	3 x 32	84	27	68%
	4 x 32	111	16	86%
	4 x 32	111	22	80%
	4 x 32	111	27	76%

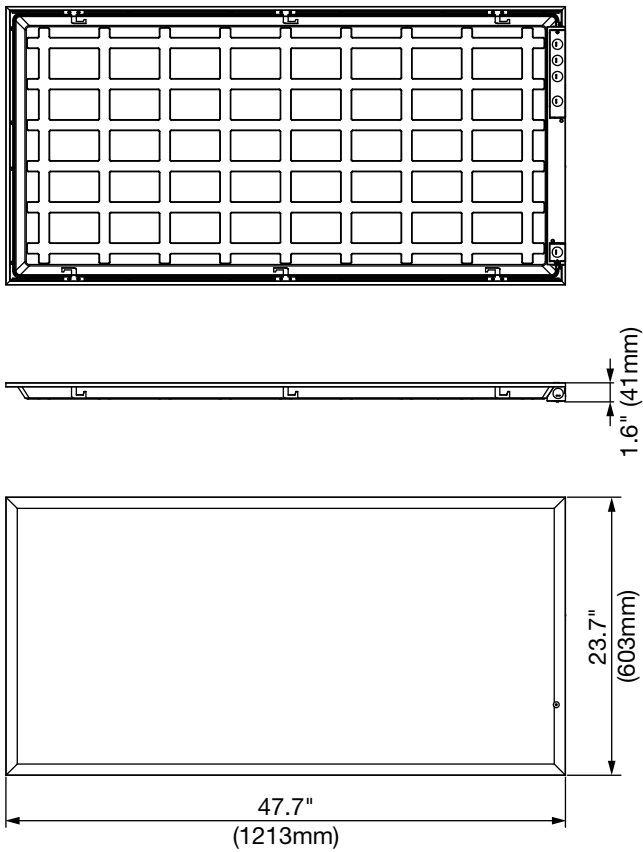
DIMMER COMPATIBILITY

BRAND	TYPE	MODEL
Leviton	0-10V	DS710
Leviton	0-10V	IP710
Lutron	0-10V	NTSTV-DV
Lutron	0-10V	NFTV
Lutron	0-10V	DVTV-WH
Legrand	0-10V	H4FBL3PW

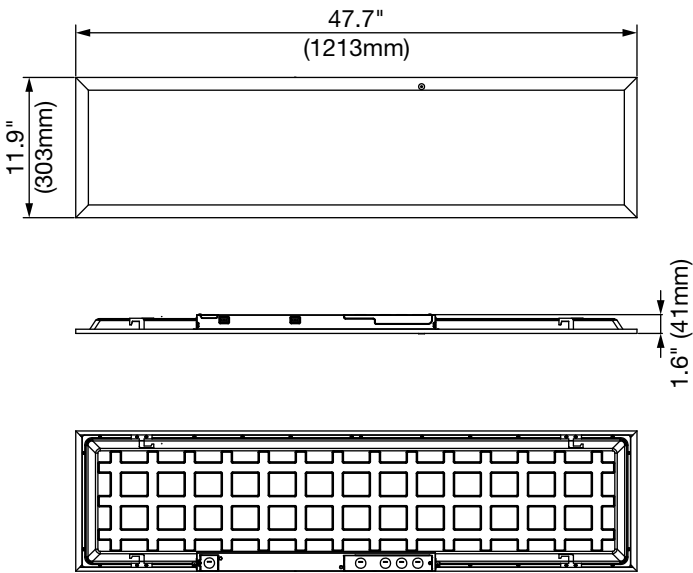
PHYSICAL INFORMATION

PRODUCT DESCRIPTION	LENGTH IN (MM)	WIDTH IN (MM)	HEIGHT IN (MM)
1 × 4	47.7 (1213)	11.9 (303)	1.6 (41)
2 × 2	23.7 (603)	23.7 (603)	1.6 (41)
2 × 4	47.7 (1213)	23.7 (603)	1.6 (41)

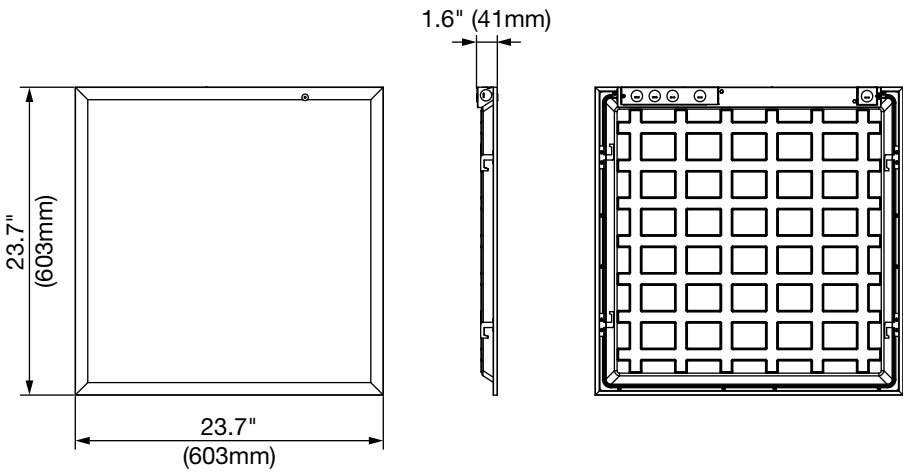
2 × 4



1 × 4



2 × 2

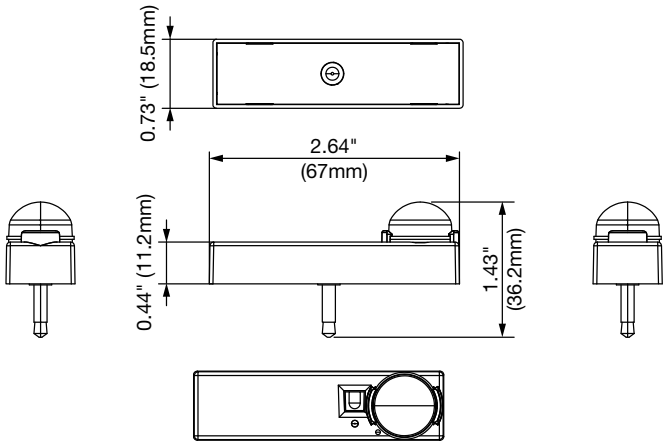
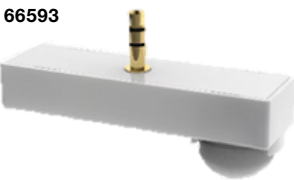


ACCESSORIES

ITEM #	ORDERING ABBREVIATION	ITEM DESCRIPTION
66593	HIBAYPIRSENSOR3.5PIN	Stand-alone PIR and daylight sensor with a 3.5mm snap-in audio jack base. Max. mounting height 13ft
66592	HIBAYSENSORG2REMOTE	Programming remote G2 for stand-alone sensors. Use only if you want other than default setting on the sensor(s). See Sensor Compatibility list for additional information.
75740	EMBB2A21WUNVDIMD	Field-installable Emergency Battery 21W, 0-10V dim, LiFePO4 battery, 90 mins. suitable for Type-B, Type-C and LUM products
75934	SENSA12PIR3.5DSR	SILVAIR 3.5mm Audio Jack PIR Sensor/12V/12ft
62064	SMKIT3A/22/WH	Surface Mount Kit for 2x2 Backlit Panel, extruded aluminum, white finish
62065	SMKIT3A/24/WH	Surface Mount Kit for 2x4 Backlit Panel, extruded aluminum, white finish
62066	SMKIT3A/14/WH	Surface Mount Kit for 1x4 Backlit Panel, extruded aluminum, white finish
62067	SPKIT3A	Suspension Kit for Backlit Panels
60457	FK1A14GWH	Flange Kit for 1x4 Panel
60458	FK1A22GWH	Flange Kit for 2x2 Panel
60459	FK1A24GWH	Flange Kit for 2x4 Panel

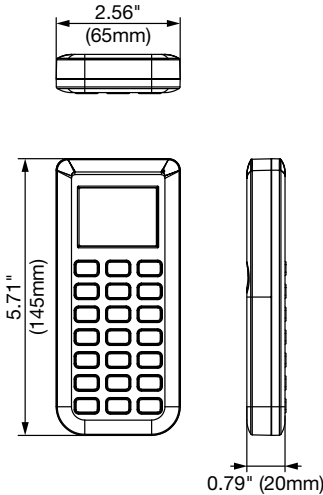
SENSOR

DEFAULT SETTINGS: 66593	
Power	100%
Detection Area	100%
Hold Time	5 sec
Stand-by Dimming	10%
Stand-by Period	0 sec
Daylight Function	Disable



REMOTE

66592



DLC NCL CONTROLS FEATURES

- Energy Monitoring
- Personal Control
- Daylight Sensor
- Vacancy/Occupancy Sensor
- Controls Ready (Integral Sensor Receptacle)
- High-End Trim (maximum light level tuning)
- Bluetooth® Connectivity
- LLLC (Luminaire Level Lighting Control)



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