

LEDVANCE LUMINAIRES

WRAP HNG

LEDVANCE LUMINAIRE SPECIFICATION DATA

Catalog #	Comments
Project	
Type	
Prepared by	

PERFORMANCE CLASS™



APPLICATION

Ideal in retrofit and new installations, the LEDVANCE Wide Body Wrap HNG luminaire features a full width lens that is evenly illuminated from edge-to-edge to create a uniform lighting distribution.

BENEFITS & FEATURES

- CCT and Wattage Selectable
- Available in 2ft and 4ft
- New, modern, angular polycarbonate lens
- Advanced Quad-Pack LED optical design for maximum uniformity from edge-to-edge of the luminaire
- Lens is removed without tools for simple access to the wiring and fast, efficient installation
- V-hook mounting bracket included
- Optional end-to-end joiner bracket for continuous row mounting
- Factory installed polarized wiring system is included in every fixture, making them ready for single circuit through wiring of row-mounted fixtures. No additional wiring is needed; saving time, material, and money
- End mounted 3.5mm sensor base is factory installed in each luminaire to accept simple external, screw-in, PIR motion/daylight sensors or LEDVANCE LINK™ components
- Optional 8W emergency battery back-up
- DLC 5.1 Listed
- Wide luminaire body covers the footprint of the fixture that was removed
- White powder coated metal body
- CRI >80
- Screw-In LINK™ Compatible
- Suitable for installation within clothes closet storage spaces when installed per NEC 410.16 requirements



ELECTRICAL

- 120-347 V_{AC}
- Power Factor >90%
- 12V auxiliary output on driver
- THD <20%
- 0-10V dimmable down to 10%
- 2.5kV surge protection
- UL Damp rated, for indoor use
- cULus Listed to UL 1598 and CSA C22.2 standards

MOUNTING ACCESSORIES

- Included V-hooks
- Optional aircraft cables
- Optional mounting chains
- Optional end-to-end joiner brackets

RATED LIFE

- >125,000 hours (L₇₀) @25°C ambient

OPERATING TEMPERATURE

- 40°F to +122°F (-40°C to +50°C)

UNIQUE SELLING POINTS

- CCT and wattage selectable
- Pre-wired for single circuit continuous row mounting
- Simple field installable PIR, Microwave, or LINK sensors
- Full edge-to-edge lens illumination

INSTALLATION

- Can be surface mounted or suspended with included V-hook mounting brackets
- Can be suspended using optional aircraft cable mounts
- Pre-wired for simple single-circuit row mounting. (Refer to Table 1 for maximum circuit loading)
- Optional end-to-end joiner brackets for continuous row mounting
- Indoor use

WARRANTY

- 5 year
- NLB Trusted Warranty Program

WATTAGE COMPARISON

TRADITIONAL SOURCE	TRADITIONAL SYSTEM WATTAGE	LED SYSTEM WATTAGE	ENERGY SAVINGS	SIZE
1×32 T8	28	15	46%	2'
1×32 T8	28	20	29%	2'
2×28W T8	49	25	49%	2'
2×32W T8	56	30	46%	2'; 4"
2×32W T8	56	40	29%	4'
3×32W T8	75	40	47%	4'
3×32W T8	75	50	33%	4'
2×54W T5	87	50	43%	4'
3×32W T8	75	60	20%	4'
2×54W T5	87	60	31%	4'

ORDERING GUIDE

WRAP	HNG /	XXX	UNX	D	8	SC7 /	XX /	WH /	XX
NAME	MODEL	SELECTABLE WATTAGE†	INPUT VOLTAGE	DIMMING	CRI	SELECTABLE CCT	SIZE	COLOR	OPTIONS*
Wrap	HNG	S030 = 15/20/25/30W S060 = 30/40/50/60W	UNH = 120-347V	D = 0-10V Dimming	8 = 80+	SC7 = 3500/4000/5000K	24 = 2ft 48 = 4ft	WH = White	D = Microwave Motion/Daylight Sensor†† E = Emergency Back-up Battery††† DE = Microwave Motion/Daylight Sensor and Emergency Back-up Battery

†Default setting is highest wattage and 4000K
††Sensor can also be ordered separately and is easily field installed

ORDERING INFORMATION

ITEM #	ORDERING ABBREVIATION	POWER (W)†	INPUT VOLTAGE (V)	DIM. (V)	CRI	COLOR TEMP	TOTAL FIXTURE LUMENS (LM) @25°C & 4000K	LPW @ 25°C & 4000K	SIZE	DLC	OPTIONS	MTO*
64117	WRAP/HNG/S030UNHD8SC7/24WH	15/20/25/30	120-347	0-10V	>80	3500/4000 /5000K	2145/2840 /3525/4200	140	2ft	✓	–	–
64118	WRAP/HNG/S060UNHD8SC7/48WH	30/40/50/60	120-347	0-10V	>80	3500/4000 /5000K	4290/5680 /7050/8400	140	4ft	✓	–	–
66261	WRAPHNG/S030UNHD8SC7/24WH/D††	15/20/25/30	120-347	0-10V	>80	3500/4000 /5000K	2145/2840 /3525/4200	140	2ft	✓	Microwave Motion/Daylight Sensor††	✓
66262	WRAPHNG/S060UNHD8SC7/48WH/D††	30/40/50/60	120-347	0-10V	>80	3500/4000 /5000K	4290/5680 /7050/8400	140	4ft	✓	Microwave Motion/Daylight Sensor††	✓
64018	WRAP/HNG/S030UNHD8SC7/24WH/E	15/20/25/30	120-347	0-10V	>80	3500/4000 /5000K	2145/2840 /3525/4200	140	2ft	✓	Emergency Battery Back-up†††	✓
64019	WRAP/HNG/S060UNHD8SC7/48WH/E	30/40/50/60	120-347	0-10V	>80	3500/4000 /5000K	4290/5680 /7050/8400	140	4ft	✓	Emergency Battery Back-up†††	✓
66259	WRAPHNG/S030UNHD8SC7/24WH/DE	15/20/25/30	120-347	0-10V	>80	3500/4000 /5000K	2145/2840 /3525/4200	140	2ft	✓	Microwave Motion/Daylight Sensor; Emergency Battery Back-up†††	✓
66260	WRAPHNG/S060UNHD8SC7/48WH/DE	30/40/50/60	120-347	0-10V	>80	3500/4000 /5000K	4290/5680 /7050/8400	140	4ft	✓	Microwave Motion/Daylight Sensor; Emergency Battery Back-up†††	✓

*Made to Order
†Default setting is highest wattage and 4000K
††Sensor can also be ordered separately and is easily field installed
†††8W Emergency Back-up Battery provides 1000 lumens for 90 minutes

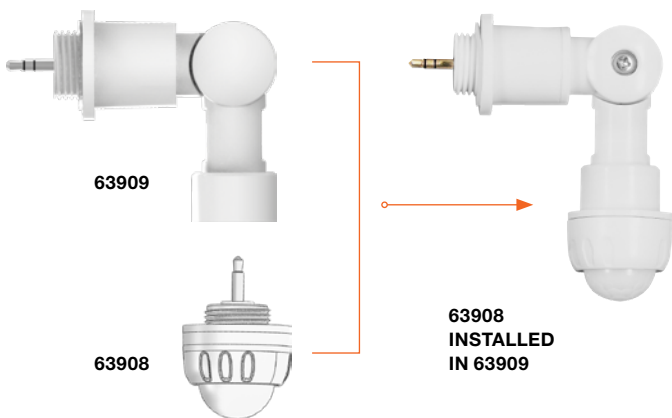
ACCESSORIES

ITEM #	ORDERING ABBREVIATION	ITEM DESCRIPTION
63906	CABLEMOUNT/10FT	Adjustable aircraft cable mount (10 feet, 1 Pair)
60573	LNHIBA2A/CHAINMT	Chain Mount (5 feet, 1 pair)
65625***	WRAP/HNG/JOINBRKT	Joiner Bracket with screws for end-to-end mounting of luminaires — External sensors cannot be used with end-to-end mounted luminaires
63907	MOTIONDAYSENSOR/MICRO/6M	Internal, field installed Microwave Motion/Daylight Sensor, 19.69 feet max. mounting height, default settings can only be changed using Remote 66592*
63908**	MOTIONDAYSENSOR/PIR/6M/PIN	External, field installed PIR Motion/Daylight Sensor, requires bracket 63909, 19.69 feet max. mounting height, default settings can only be changed using Remote 66592*
63909**	PINBRACKET/LSHAPE/ADJUSTABLE	L-Shaped, adjustable bracket for PIR sensor 63908 and 3.5mm pin-based LINK accessories
66592*	HIBAYSENSORG2REMOTE	Remote with screen for Microwave and PIR Motion Sensors — this is required to change the default settings of 63907 and 63908
62630**	ADAPTER/AUX12V/BLE	LINK Bluetooth® Mesh low voltage controller — BLE enables fixture, requires bracket 63909
62634**	SENSORHB/PIRAUX12V/BLE	LINK Bluetooth® Mesh low voltage sensor & controller Bluetooth® — BLE enabled daylight/motion sensor, requires bracket 63909

*Remote 66592 is required to change the default setting of sensors 63907 and 63908

**PIR sensor 63908 and LINK components require bracket 63909 for installation on WRAP HNG

***External PIR and LINK components cannot be used when luminaires are mounted end-to-end



**WRAP HNG WITH
L-BRACKET & PIR SENSOR**



**66592
SENSOR
REMOTE**



63907



62634



62630

DEFAULT MICROWAVE AND PIR MOTION SENSOR SETTINGS**

Detection Area	100%
Hold Time	5 Minutes
Daylight Threshold	50 Lux
Stand-by Period	30 Minutes
Stand-by Dimming	30%

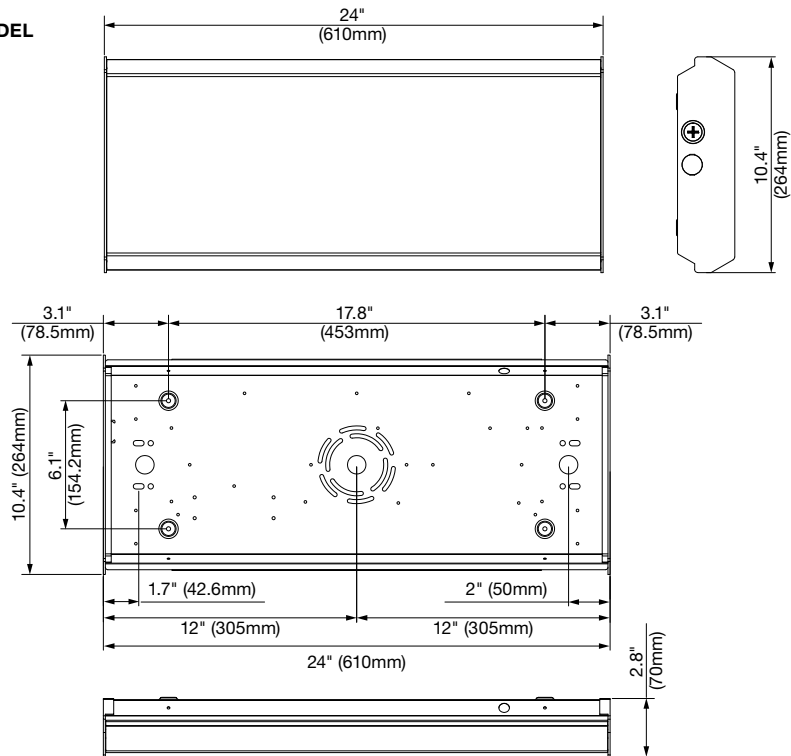
**Changing the default sensor settings requires optional remote 66592



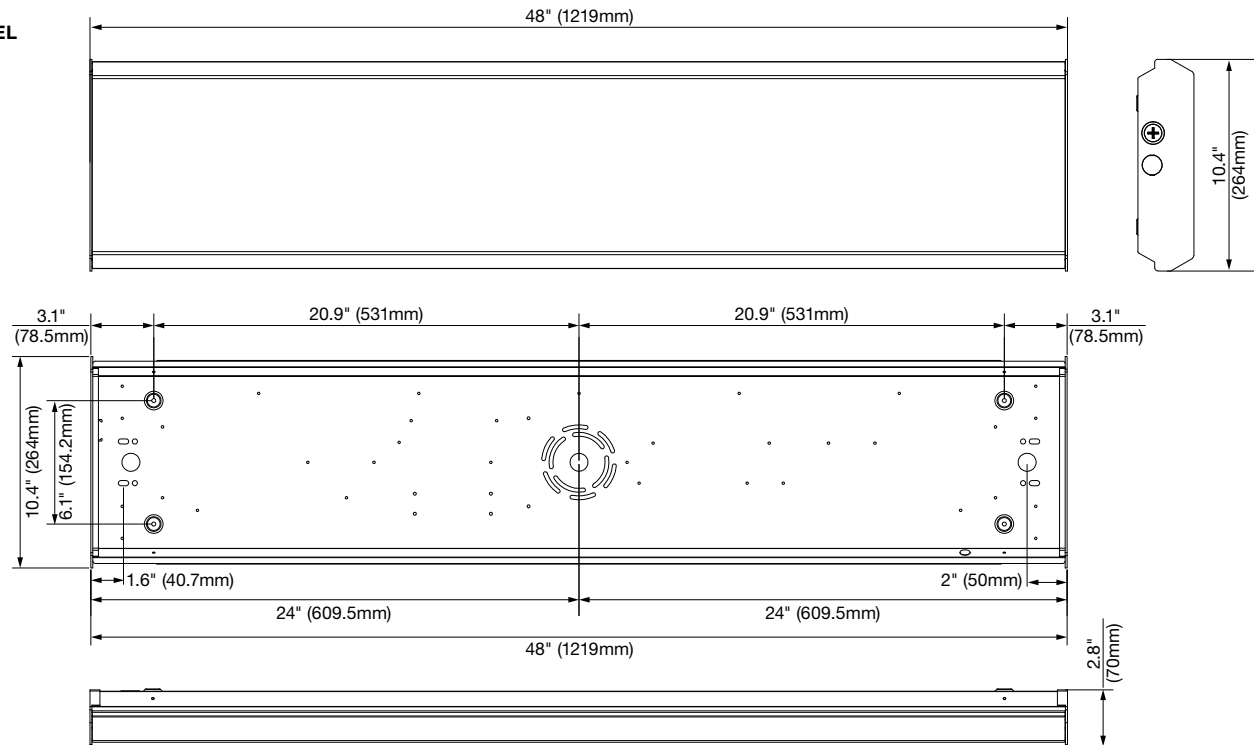
PHYSICAL INFORMATION

LUMINAIRE DESCRIPTION	LENGTH IN (MM)	WIDTH IN (MM)	HEIGHT IN (MM)
2 Foot	24 (610)	10.4 (264)	2.8 (71)
4 Foot	48 (1219)	10.4 (264)	2.8 (71)

2' MODEL



4' MODEL



SIMPLIFIED END-TO-END WIRING

- The Wrap HNG luminaires are supplied with polarized connectors for through wiring.
- Row mounted fixtures must be mounted so that the male and female connectors in adjoining fixtures face each other.
- Feed one of the connectors through the knockouts and push the connectors together until they click.
- The main power input wiring will be unused in every fixture that is connected to the feed fixture in the row. The unused input wire **MUST** be disconnected from those fixtures using the quick-disconnect that is pre-wired on the input wiring.



TABLE 1

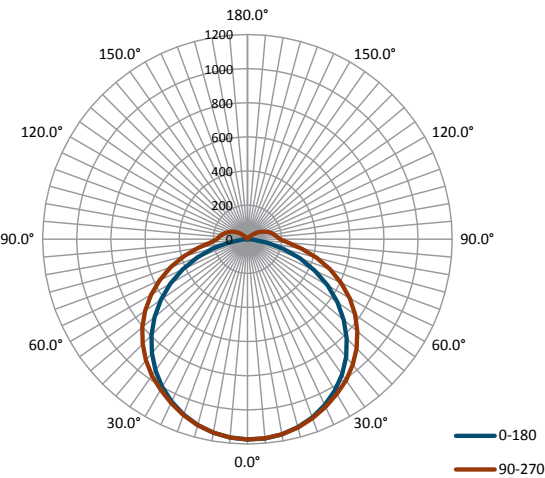
FIXTURE LENGTH	MAXIMUM CONNECTED FIXTURES		
	@120V	@277V	@347V
2ft	14	34	42
4ft	7	17	21

WARNING!: The **MAXIMUM** number of fixtures that can be joined using the supplied polarized connectors are listed in Table 1.

QUAD-PACK OPTICAL PERFORMANCE

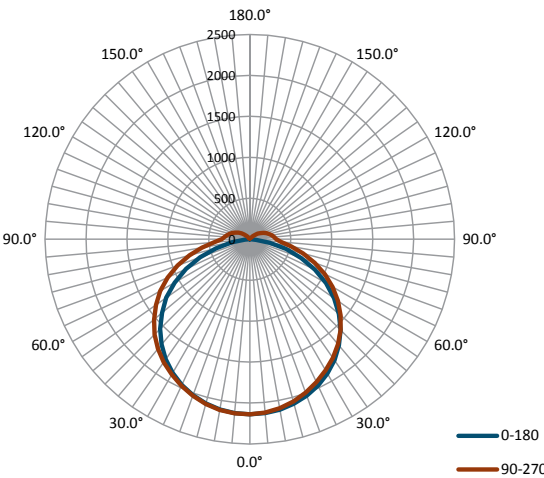
LUMINOUS INTENSITY DISTRIBUTION

2ft Luminaire, 120V, 30W, 3500K



	C0/180	C45/225	C90/270	C135/315	AVG.
BEAM ANGLE (50% IMAx)	114.6	123.4	130.0	123.9	123.0
FIELD ANGLE (10% IMAx)	159.4	178.7	222.9	181.4	185.6

4ft Luminaire, 120V, 60W, 3500K



	C0/180	C45/225	C90/270	C135/315	AVG.
BEAM ANGLE (50% IMAx)	119.9	126.2	129.3	126.8	125.6
FIELD ANGLE (10% IMAx)	161.1	181.6	221.9	186.7	187.8



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