

PROJECT NAME		DATE	
CAT. NUMBER			
NOTES			

SPEC SHEET

Wrap 1 (WR1)

LED WRAP FIXTURE



KEY FEATURES

- 2,500 to 5,400 lumens
- Up to 154 LPW
- 180° light distribution
- High-reflectance coating
- Rapid installation
- Impact resistant
- FCC CFR 47 Part 15



Modern Design

Nice lines and a contoured lens bring an aesthetic appeal to a category dominated by inferiority.



Superior Heat Dissipation

Aluminum heat sinks and patented air flow cavity allow for superior heat dissipation.



Controls and Sensors

0-10V dimming and a broad range of occupancy and daylight sensors available as an option, including wireless controls.



TECHNICAL SPECS

LUMEN OUTPUT	EFFICACY	WATTS	PART NUMBER
2,464	154	16	LL-WR1-4-50K-15W
2,736	152	18	LL-WR1-4-50K-18W
3,256	148	22	LL-WR1-4-50K-22W
3,734	144	26	LL-WR1-4-50K-26W
4,215	141	30	LL-WR1-4-50K-30W
5,084	137	37	LL-WR1-4-50K-36W
5,391	120	45	LL-WR1-4-50K-44W

Typical lumen output (±10%) at 120V (LV) under 25°C ambient temperature at 5000K.

Lumen Multipliers

Allows to calculate the actual lumen output for your application. Apply each multiplier to the lumens of the shaded table.

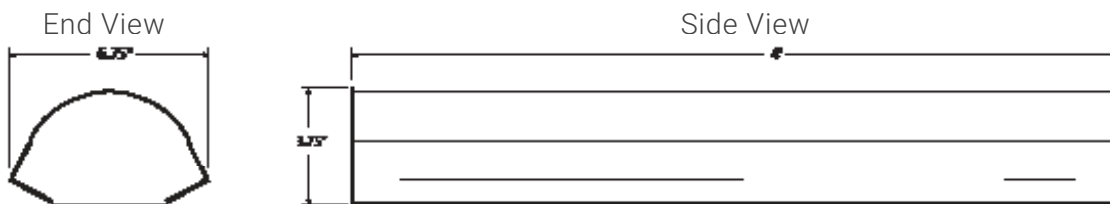
COLOR TEMP	
CCT	Multiplier
5000	1.000
4100	1.000
3500	0.980

Example: How to calculate the actual lumen output of the 4,215 model at 3500K.

- 1) Find the lumens from the lumen output column.
- 2) Apply all the corresponding multipliers.

$$\begin{array}{ccccccc}
 4,215 & \times & 0.980 & = & 4,131 \\
 \text{Nominal lumens} & & \text{CCT} & & \text{Actual lumens}
 \end{array}$$

DIMENSIONS & DRAWINGS



DIMENSIONS				
Size	Length (in)	Width (in)	Height (in)	Weight (lb)
4	48	6.75	3.75	10

ORDERING

MODEL	SIZE	CCT	WATTAGE	OPTIONS
LL-WR1-	4	50K 5000K 41K 4100K 35K 3500K Other CCT available upon request	15W 18W 22W 26W 30W 36W 44W	ODIM Outboard Dimmer Switch LEDD Enocean Relay QBM Linmore LED UltraLink MCW-BLE McWong sensor for use with UltraLink only HBP-112 Wattstopper ON / OFF sensor, L-7 Lens. BBU-08W 8 watt battery backup, for 16W, 18W and 22W fixtures BBU-025W 25 watt battery backup, for 26W, 30W, 36W and 44W fixtures

ORDERING EXAMPLES

Standard: LL-WR1-4-35K-22W

With Options: LL-WR1-4-35K-22W-**ODIM**

ACCESSORIES

Must be ordered separately. Packaged separately.

FIXTURE ACCESSORIES

Part Number	Description
LL-UPH-CABS	Aircraft Cable, universal yoke and toggle kit, 6' suspension cable adjustable to 1', sold in pairs.

SWITCHES *ORDERED SEPARATELY

EO-ESRPB	Enocean switch. Single rocker with Bluetooth®.
EO-EDRPB	Enocean switch. Double rocker with Bluetooth®.
EO-ESRP	Enocean switch. Single rocker.
EO-EDRP	Enocean switch. Double rocker.

FEATURES & SPECIFICATIONS

CONSTRUCTION

- **Extruded Aluminum Heat Sinks:** The heat sink extrusion is made of 6063 T5 Aluminum with substantial fins & surface area for superior heat dissipation. Interior PCB Board is made of aluminum core and mechanically bonded to the aluminum extrusion heat sink.
- **LEDs:** Only top tier performance diodes for ultra high lumens and wattage.
- **Patented Air Flow Cavity**
- **Assembled in the USA**

ELECTRICAL

- **Power Input:** 120-277V.
- **Power Factor:** Greater than 0.9 (0.99 typical).
- **Total Harmonic Distortion:** <9%.

OPERATION

- **Environment:** Dry/Damp, for interior applications. Suitable for most food processing applications.
- **Ambient Range Operation:** -40°C up to 50°C (-40°F up to 120°F).

OPTICS

- **CCT:** 3500K, 4100K and 5000K standard, other CCT available (extended lead time).
- **CRI:** >80, other CRI available (extended lead time).
- **Lenses:** Integral Volumetric 5" Lens transmits 91% of generated lumens (can be omitted to expose light bar). 180° light distribution.

MOUNTING

- **Mounting:** Fixture is suitable for surface or suspended mounting.

CONTROLS²

- **Dimming:** 0-10V standard. Dim to OFF.
- **Sensors⁵:** Compatible with Wattstopper and McWong sensors, and EnOcean switches.
- **Networked Control Options⁴:** Compatible with Avi-on networked controls and UltraLink SIG Bluetooth® with Mesh Networked Controls³.

WARRANTY

- **Standard:** 10 year product warranty on the entire fixture, including the driver.

LISTINGS & CERTIFICATIONS

- UL 1598.
- RoHS compliant.
- DesignLights™ Consortium Premium.¹
- FCC CFR 47 Part 15.

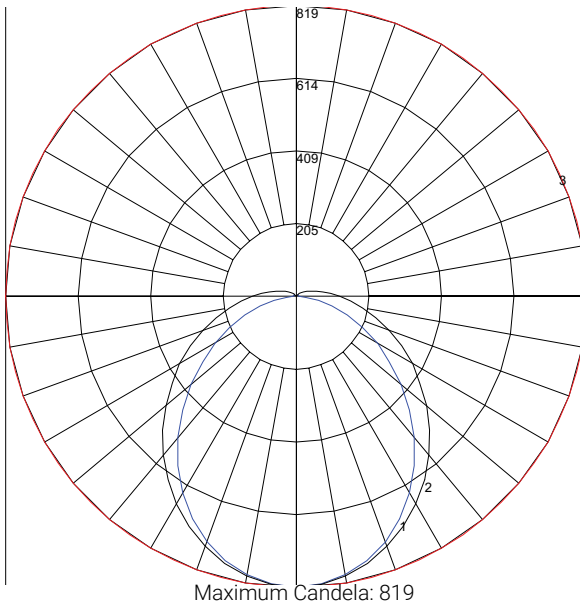


LIGHT DISTRIBUTION

FROSTED

[Download IES Files](#)

Polar Graph
LL-WR1-4-35K-15W-xxx



Maximum Candela: 819

Located at horizontal angle: 0, Vertical angle : 0

#1: Vertical plane through horizontal angles (0-180)(through max Cd.)

#2: Vertical plane through horizontal angles (90-270)

#3: Horizontal cone through vertical angle (0)(through max Cd.)

FOOTNOTES

6.

1. Check QPL for up-to-date listings.
2. Synapse, Daintree and Enlighted are available with extended lead time. Electrical changes and additional components required to make fixture compatible.
3. Requires Enocan switch, McWong sensor or a gateway for complete functionality.
4. Contact your regional sales director.
5. muRata available with extended lead time. Contact factory for more information.

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