

PROJECT NAME		DATE	
CAT. NUMBER			
NOTES			

SPEC SHEET

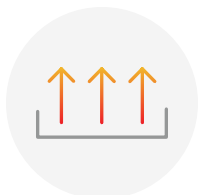
Wrap 1 (WR1)

LED WRAP FIXTURE



Guaranteed Performance

Performance of the light fixture is guaranteed for 20 years, including lumen output (L70), and color temperature. Driver is guaranteed for 10 years.



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.

KEY FEATURES

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

TECHNICAL SPECS

LUMEN OUTPUT	EFFICACY	WATTS	PART NUMBER
2,448	153	16	LL-WR1-4-41K-15W
2,718	151	18	LL-WR1-4-41K-18W
3,234	147	22	LL-WR1-4-41K-22W
3,708	143	26	LL-WR1-4-41K-26W
4,185	140	30	LL-WR1-4-41K-30W
5,047	136	37	LL-WR1-4-41K-36W
5,346	119	45	LL-WR1-4-41K-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.

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.

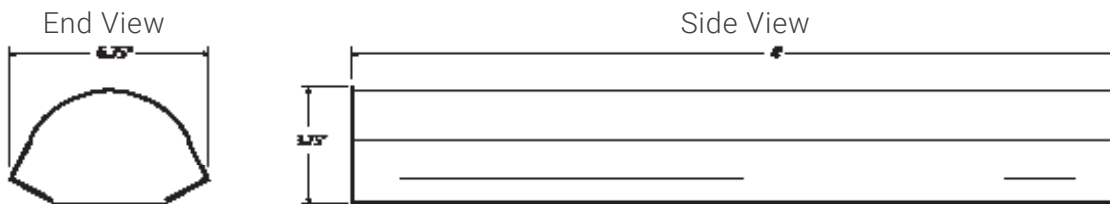
$$4,215 \times \frac{0.980}{1.000} = 4,131$$

CCT
Actual lumens

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

4,215
Nominal lumens

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 BBU-08W 8 watt battery backup, for 15W, 18W and 22W models Contact factory for control options.

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
CABLEKIT	Gripple Cable Kit. Includes (two) 10 ft. aircraft "Y" cables and snap hooks (one pair).
LL-ODIM	Outboard dimmer switch.

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

- **20 Year Performance Warranty:** Performance of the light fixture is guaranteed for 20 years, including lumen maintenance (L70) and color temperature. LED driver is guaranteed for 10 years. "Defective" is considered if ten percent (10%) or more of the LEDs, per product, are non-operating LEDs, total lumen depreciation exceeds 30% (L70), or color temperature has shifted more than 500° Kelvin within the warranty period. See terms and conditions at <https://linmoreled.com/warranty>

LISTINGS & CERTIFICATIONS

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

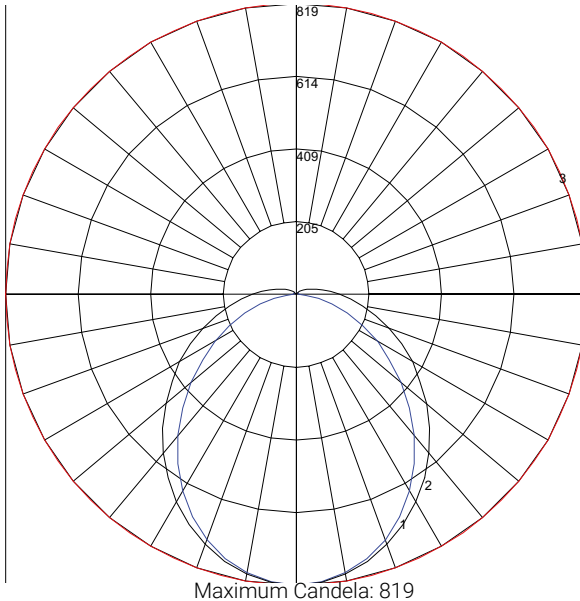


LIGHT DISTRIBUTION

FROSTED

[Download IES Files](#)

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



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 factory.
5. muRata available with extended lead time. Contact factory for more information.

Linmore LED Labs, Inc.

2360 S Orange Ave, Fresno, CA 93725

559 485 6010 | info@linmoreled.com | linmoreled.com



All specifications are subject to change without notice. Please visit linmoreled.com for latest information. All values are typical or design values and series averages. Actual performance may differ as a result of end-user environments and applications. Consult Linmore LED with specific inquiries. Copyright © 2022, Linmore LED Labs, Inc. All rights reserved. No part of this document may be reproduced in any form without the prior written permission of Linmore LED.

Updated: 2022.09.23