



ECW™ Series

LED Economic Wraparound Fixture

DESCRIPTION

The ECW Series of LED Wraparound fixtures are a cost effective and an energy-saving replacement for less efficient fluorescent wrap-around fixtures. The ECW wrap fixture features a full length RADIUS lens and a one-piece fabricated steel body. These LED wraparound fixtures are ideal for lighting in parking garages, stairwells, and/or to help you meet applicable building and safety codes in residential multi-family buildings, workshops, utility rooms, corridors, and other commercial applications.



ECW Series
4' Length
 36W (4000 Lumens)

Specification Features



Construction

Rugged construction, solid die formed, cold-rolled steel housing. All surfaces powder coated after fabrication. Frosted polystyrene diffusers provides even consistent light while reducing glare. Lens design and materials provide uniform appearance without pixelation.

Qualifications

All luminaires are built to UL 1598 and 2108 standards, and bear appropriate ETL labels. Damp location labeling is standard. Emergency equipped fixtures labeled UL924. Adheres to LM70, LM80, and TM21 industry standards.

Warranty

3-year limited warranty. See complete warranty for terms and exclusions. (Labor not included).

Electrical

Equipped standard with fixed output driver. Long-Life LED's 60,000 hours at L80 with projected life over 100,000 hours for reduced life cycle maintenance costs. CCT adjustable switch included.

Installation

Suitable for surface mounting, suspension, or stem mounting, individually or in continuous.

Rated Life 60,000 hours
Limited Warranty 3 years
Efficacy Up to 111 LPW

Quick Ship
 ECW-4-36-MV-MCT

Ordering Information

Example: ECW-4-36-MV-MCT

ECW	4	36	MV	MCT	
Series	Size	Rated Wattage	Driver Type	Color Temp	
ECW LED Economic Wraparound	4- 4' Length	4 <input type="checkbox"/> ng <input type="checkbox"/> 36W (4000 Lumens)	MV- 120-277V	MCT- 3000/3500/4000K Selectable Switch; 80+ CRI	

Specifications and Dimensions subject to change without notice.

Performance Summary

Input Voltage	120-277V
Input Frequency	50/60 Hz
Rated Wattage	See Performance Table
Delivered Lumens	See Performance Table
Efficacy	> 111 LPW (typ.)
CRI	80+, R9> 0
Available CCT ¹	3000/3500/4000K
Color Consistency ²	5-step MacAdam Ellipse
Rated Life	50,000 hours
L70 ³	> 72,000 hours or > 45,000
Power Factor	>0.99
THD	< 20%
Dimming	N/A
Operating Temp.	-18°C to 40°C

Performance Data

Lens Type	Form Factor	Catalog No.	Rated Wattage (W)	Delivered Lumens	Efficacy (lm/W)
Acrylic	4'	ECW-4-36-MV-MCT	36	4000	111

NOTES:

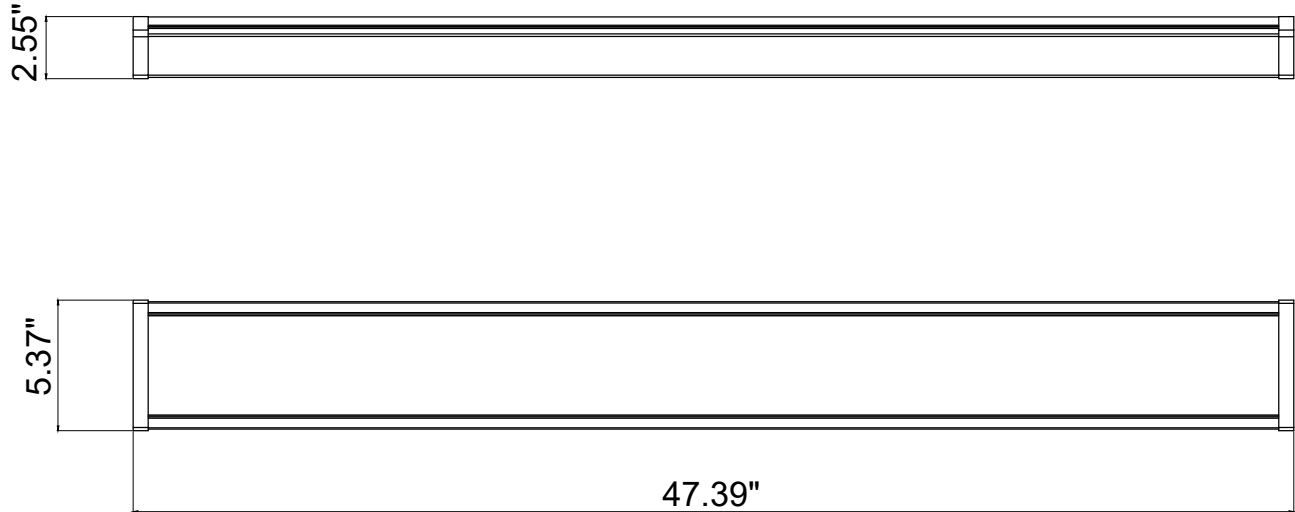
- ¹ Made to order items. Minimum 90 day lead time. Minimum 500 order quantity.
- ² Energy star listed
- ³ Quick ship: 4000K. Other CCTs may require a lead time or be special order
- ⁴ Typical color consistency. May vary or be changed.
- ⁵ L70 hours calculated based on LED package manufacturer LM80 report and ISTMT report of LED in luminaire. Stated values are for select catalog numbers. Contact manufacturer for detailed information
- ⁶ Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C.



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Product Dimensions

ECW-4



Photometric Data

ECW-4-36-MV-MCT

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	846.04	27.47%	27.47%
0-40	1370.90	44.51%	44.51%
0-60	2382.68	77.35%	77.35%
0-90	3035.65	98.55%	98.55%
0-120	3069.49	99.65%	99.65%
0-180	3080.24	100.00%	100.00%
60-90	652.97	21.20%	21.20%
90-120	33.84	1.10%	1.10%
90-130	36.61	1.19%	1.19%
90-150	41.03	1.33%	1.33%
90-180	44.50	1.44%	1.44%
0-62.06	2464.19	80.00%	80.00%

Utilization factor table for indoor luminaire

RHOC	80			70			50			30			10			0
RHOW	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR	COEFFICIENTS OF UTILIZATION RHOF=20 CU															
0	1.19	1.19	1.19	1.16	1.16	1.16	1.10	1.10	1.10	1.05	1.05	1.05	1.01	1.01	1.01	0.99
1	1.03	0.99	0.95	1.01	0.97	0.93	0.96	0.93	0.90	0.92	0.90	0.87	0.88	0.86	0.84	0.82
2	0.90	0.83	0.77	0.88	0.82	0.76	0.84	0.79	0.74	0.81	0.76	0.72	0.77	0.74	0.71	0.68
3	0.79	0.71	0.64	0.77	0.70	0.64	0.74	0.68	0.62	0.71	0.66	0.61	0.68	0.64	0.60	0.58
4	0.70	0.61	0.55	0.69	0.60	0.54	0.66	0.59	0.53	0.63	0.57	0.52	0.61	0.56	0.51	0.49
5	0.63	0.54	0.47	0.61	0.53	0.47	0.59	0.52	0.46	0.57	0.50	0.45	0.55	0.49	0.45	0.43
6	0.56	0.47	0.41	0.55	0.47	0.41	0.53	0.46	0.40	0.52	0.45	0.40	0.50	0.44	0.39	0.37
7	0.51	0.42	0.36	0.50	0.42	0.36	0.49	0.41	0.36	0.47	0.40	0.35	0.46	0.40	0.35	0.33
8	0.47	0.38	0.32	0.46	0.38	0.32	0.45	0.37	0.32	0.43	0.37	0.32	0.42	0.36	0.31	0.29
9	0.43	0.35	0.29	0.42	0.34	0.29	0.41	0.34	0.29	0.40	0.33	0.29	0.39	0.33	0.28	0.27
10	0.40	0.32	0.26	0.39	0.31	0.26	0.38	0.31	0.26	0.37	0.31	0.26	0.36	0.30	0.26	0.24



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