



Project	
Notes	
Type	Date
Cat. No.	

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 RADIUSed polystyrene lens and a one-piece fabricated steel body. These LED wraparound fixtures are ideal to help you meet applicable building and safety codes in residential multi-family buildings, workshops, utility rooms, corridors, and other 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

5-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 100 LPW

Quick Ship

ECW-4-36-MV-MCT

Ordering Information

Example: ECW-4-36-MV-MCT

ECW	4	36	MV	MCT	
Series ECW LED Economic Wraparound	Size 4- 4' Length	Rated Wattage 4' Length 36W (4000 Lumens)	Driver Type MV- 120-277V	Color Temp 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	> 100 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
	2'	ECW-2-26-MV-MCT	26	2600	100

NOTES:

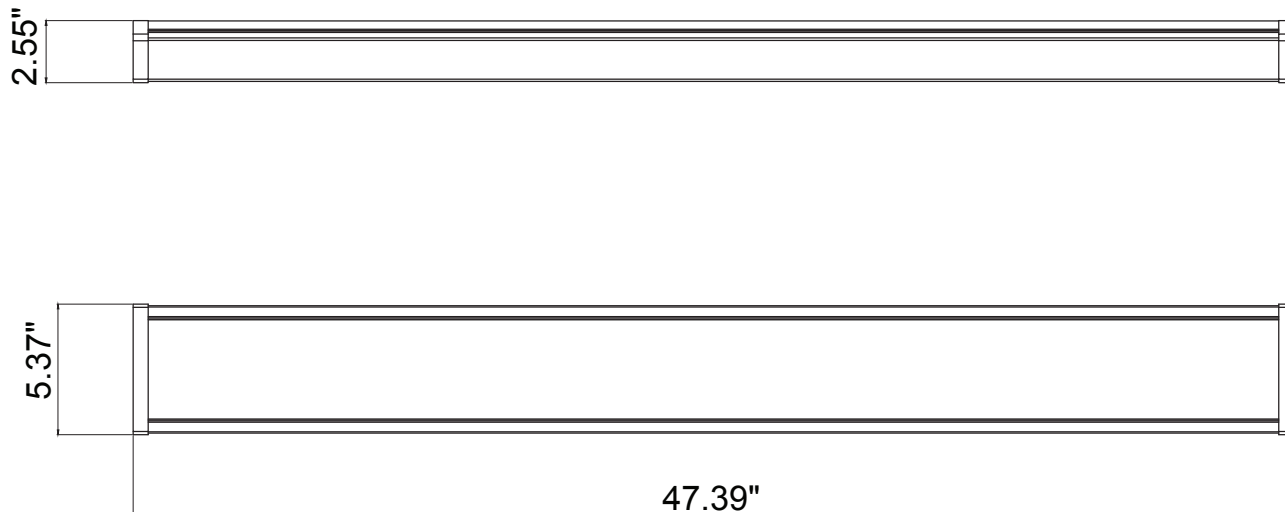
- ¹ Made to order items. Minimum 90 day lead time. Minimum 500 order quantity.
- ² Energy star listed
- ³ Quick ship: 4000K. Other CCTs may require a lead time or be special order
- ⁴ Typical color consistency. May vary or be changed.
- ⁵ L70 hours calculated based on LED package manufacturer LM80 report 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.



Specifications and Dimensions subject to change without notice.

Product Dimensions

ECW-4



Photometric Data

ECW-4-40-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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