

OLYMPUS

Soft, even light with very little glare sets OLYMPUS apart from a standard flat troffer. The indirect design conceals the LEDs, and a solid aluminum center spine works as the heat sink. 1x4, 2x2 and 2x4 sizes, 90 CRI, UGR under 20, selectable power and CCT.

Commercial Office

Healthcare

Schools

Retail



Key Specifications

Electrical

Input voltage	120-277V/347V
Power factor	> 0.9
THD	< 20%
Dimming	0-10V · 1%
Power	24W to 50W

Optical

Efficacy	30K 108 · 35K 123 · 40K 126lm/W
CRI	90
UGR	< 20
CCT	Selectable 3000/3500/4000K
Distribution	115°

Physical

Sizes	1x4 · 2x2 · 2x4
Heat sink	Aluminum center spine
LED source	Concealed, indirect
Mounting	Recessed T-grid
Ambient	-20°C to 50°C
Accessories	Remote emergency battery backup

Certifications

Listings	5-Yr Warranty · cETLus · RoHS
Lumen maintenance	L88 at 50000h

System Warranty

5 years

Eralux will warrant defective drivers, LEDs and boards for 5 years from the date of purchase. This warranty is valid only if the fixture is installed and used as per installation guides and specifications. If a defect is present, Eralux will send drivers and boards at no fee with thorough replacement instructions along with instructions on the return of the defective parts back to Eralux.

Lumen Maintenance

L88 at 50000h

Rated for 88% initial lumen output at 50000h of operation, operated at 25°C ambient temperature; per guidelines published by the Illuminating Engineering Society (IES).

Ordering Guide - Fixture

Assembled Catalog Number

[RESET](#)

RC-OL

01 **FIXTURE FAMILY**



RC-OL
ERALUX Olympus Indirect Center Basket Troffer, 120-277V/347V

02 **SIZE**

14 1x4ft 36/42/50W	22 2x2ft 24/30/36W	24 2x4ft 36/42/50W	14 · 22 · 24 4860/5670/6750lm · 3240/4050/4860lm · 4860/5670/6750lm
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03 **CCT**

-30/35/40
3000/3500/4000K selectable

04 **CONTROL**

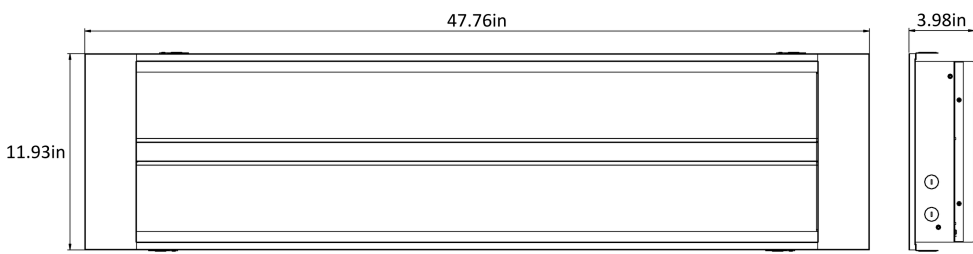
1DIM
0-10V
1% dimming

05 **FINISH**

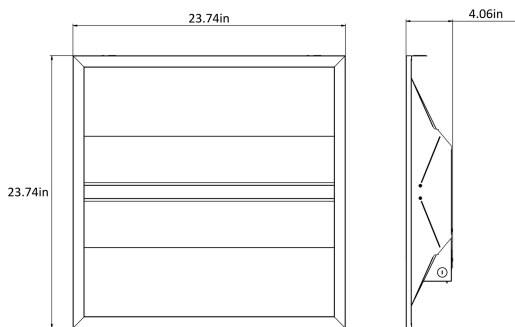

-WH
White

Dimensions

RC-OL14



RC-OL22



Dimensions (continued)

RC-OL24



Accessories & Controls

Remote Emergency Battery Backup

BLD-HM08D-YYY

Emergency LED driver, 8W

BLD-HM15D-YYY

Emergency LED driver, 15W

BLD-HM25D-YYY

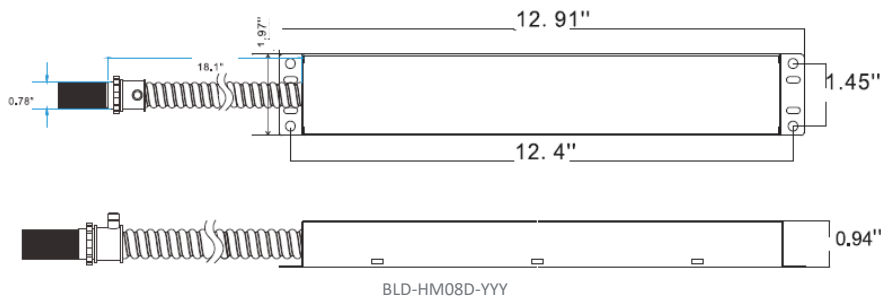
Emergency LED driver, 25W

The BLD-HMXXD-YYY series LED Emergency Driver is UL listed for field and factory installations. It switches to emergency mode during power failures, providing up to 90min of lighting. With an integrated battery, charger, and converter, it delivers 8W, 15W or 25W constant power at 170V DC. Ideal for 0-10V dimmable indoor commercial LED fixtures, such as flat panels, troffers, downlights, and linear strip lights.



Input Voltage	100-347V
Power Frequency	50/60Hz
Input Power	6W max · 12W · 12W
Output Voltage	170V DC
Output Power	8W · 15W · 25W
Ambient Temperature	0°C to 50°C 30°F to 122°F
Installation	Remote

Dimensions

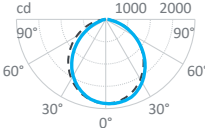


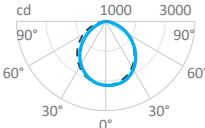
Photometric Data

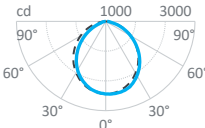
Lumen Estimate Adjustment Factors

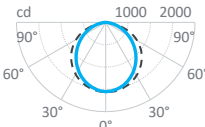
3000K $\times 0.98$ 3500K $\times 1$ 4000K $\times 1.01$

Factors for 90 CRI. Lumen output varies based on CCT and CRI; multiply by the factor for the CCT ordered.

RC-OL14		ZONE	LUMENS	% FIXTURE		DISTANCE	CENTER Fc	BEAM WIDTH	
1x4 · 36W · 3500K									
		0-20°	686.00	14.09		1.7ft	651	4.1ft	4.6ft
Wattage	34.9W	0-30°	1444.24	29.67		3.3ft	173	8.0ft	8.8ft
CCT	3500K	0-40°	2333.86	47.94		5.0ft	75.3	12.1ft	13.4ft
Distribution	115°	0-60°	3977.89	81.71		6.7ft	41.9	16.2ft	18.0ft
		0-80°	4788.88	98.37		8.3ft	27.3	20.1ft	22.2ft
		0-90°	4861.22	99.85		10.0ft	18.8	24.2ft	26.8ft
						Vert. spread			100.9°
						Horiz. spread			106.5°

RC-OL14		ZONE	LUMENS	% FIXTURE		DISTANCE	CENTER Fc	BEAM WIDTH	
1x4 · 42W · 3500K									
		0-20°	782.26	14.08		1.7ft	743	4.1ft	4.6ft
Wattage	40.4W	0-30°	1647.10	29.65		3.3ft	197	8.0ft	8.8ft
CCT	3500K	0-40°	2663.05	47.94		5.0ft	85.9	12.1ft	13.4ft
Distribution	115°	0-60°	4538.49	81.69		6.7ft	47.9	16.2ft	18.0ft
		0-80°	5463.85	98.35		8.3ft	31.2	20.1ft	22.2ft
		0-90°	5546.38	99.84		10.0ft	21.5	24.2ft	26.8ft
						Vert. spread			100.9°
						Horiz. spread			106.5°

RC-OL14		ZONE	LUMENS	% FIXTURE		DISTANCE	CENTER Fc	BEAM WIDTH	
1x4 · 50W · 3500K									
Wattage	46.4W	0-20°	887.45	14.08		1.7ft	844	4.1ft	4.6ft
CCT	3500K	0-30°	1868.33	29.65		3.3ft	224	8.0ft	8.9ft
Distribution	115°	0-40°	3020.14	47.93		5.0ft	97.6	12.1ft	13.5ft
		0-60°	5148.20	81.70		6.7ft	54.3	16.2ft	18.1ft
		0-80°	6197.74	98.35		8.3ft	35.4	20.1ft	22.4ft
		0-90°	6291.88	99.85		10.0ft	24.4	24.2ft	26.9ft
						Vert. spread			100.9°
						Horiz. spread			106.8°

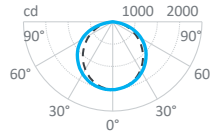
RC-OL22					DISTANCE	CENTER Fc	BEAM WIDTH	
2x2 · 36W · 3500K								
		0-20°	564.69	12.95	1.7ft	537	4.3ft	5.9ft
Wattage	35.4W	0-30°	1195.84	27.43	3.3ft	143	8.4ft	11.5ft
CCT	3500K	0-40°	1954.22	44.82	5.0ft	62.1	12.7ft	17.5ft
Distribution	115°	0-60°	3454.29	79.23	6.7ft	34.6	17.0ft	23.4ft
		0-80°	4305.99	98.76	8.3ft	22.5	21.1ft	29.0ft
		0-90°	4354.32	99.87	10.0ft	15.5	25.4ft	35.0ft
					Vert. spread			103.6°
					Horiz. spread			120.5°

Photometric Data

RC-OL24

2x4 · 36W · 3500K

	ZONE	LUMENS	% FIXTURE
	0-20°	554.24	12.77
Wattage	0-30°	1176.38	27.12
CCT	0-40°	1927.05	44.42
Distribution	0-60°	3424.86	78.94
	0-80°	4283.91	98.74
	0-90°	4334.00	99.90

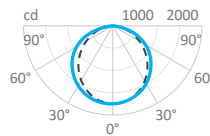


DISTANCE	CENTER Fc	BEAM WIDTH	
1.7ft	526	6.0ft	4.5ft
3.3ft	140	11.6ft	8.8ft
5.0ft	60.8	17.6ft	13.3ft
6.7ft	33.9	23.5ft	17.8ft
8.3ft	22.1	29.2ft	22.0ft
10.0ft	15.2	35.1ft	26.5ft
Vert. spread		120.7°	
Horiz. spread		106.0°	

RC-OL24

2x4 · 42W · 3500K

	ZONE	LUMENS	% FIXTURE
	0-20°	637.65	12.79
Wattage	0-30°	1353.27	27.14
CCT	0-40°	2215.56	44.43
Distribution	0-60°	3936.01	78.92
	0-80°	4923.53	98.72
	0-90°	4981.19	99.88

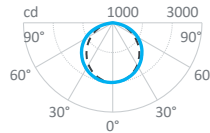


DISTANCE	CENTER Fc	BEAM WIDTH	
1.7ft	604	6.0ft	4.5ft
3.3ft	160	11.6ft	8.8ft
5.0ft	69.8	17.6ft	13.3ft
6.7ft	38.9	23.6ft	17.8ft
8.3ft	25.3	29.3ft	22.1ft
10.0ft	17.4	35.3ft	26.6ft
Vert. spread		120.9°	
Horiz. spread		106.2°	

RC-OL24

2x4 · 50W · 3500K

	ZONE	LUMENS	% FIXTURE
	0-20°	732.01	12.78
Wattage	0-30°	1553.62	27.12
CCT	0-40°	2544.49	44.42
Distribution	0-60°	4519.60	78.90
	0-80°	5654.06	98.70
	0-90°	5721.34	99.88



DISTANCE	CENTER Fc	BEAM WIDTH	
1.7ft	693	6.0ft	4.5ft
3.3ft	184	11.6ft	8.8ft
5.0ft	80.1	17.6ft	13.3ft
6.7ft	44.6	23.6ft	17.8ft
8.3ft	29.1	29.2ft	22.0ft
10.0ft	20.0	35.2ft	26.6ft
Vert. spread		120.8°	
Horiz. spread		106.0°	