



VOL : VOLUMETRIC LED TROFFER

FEATURES

- Architectural recessed luminaire
- Direct/indirect illumination for visual comfort with minimal glare
- Clean line styling complements today's modern office decor
- One for one alternative LED solution to fluorescent luminaires/ fixtures/troffers
- PowerSet feature allows for multiple "set and forget" lumen stops in each fixture
- FieldCCeT feature allows for multiple "set and forget" CCT options in each fixture
- Up to 50% energy savings over fluorescent troffers
- 0-10V dimmable standard
- Up to 140 lumens per watt*
- Available in 2'x2' and 2'x4'

LISTINGS

- UL Listed for dry/damp locations
- IC Rated for insulation contact
- DesignLights Consortium® Premium Qualified - meets the requirements for the highest DLC qualification for efficacy and lumen maintenance

LED CHARACTERISTICS

- Rated lifetime L90: >54,000hrs
- PowerSet: 3500K, 4000K, or 5000K CCT options
- FieldCCeT: 3500K/4000K/5000K selectable
- CRI: 80+

ELECTRICAL

- Input voltage: 120-347V
- Dimming Control: 0-10V (Dim-to-Off)
- Power Factor: >.90
- THD: <10%

CONSTRUCTION

- Reflector precision die-formed, powder-coated, steel construction
- Custom extruded acrylic lens provides even illumination and visual comfort
- Integral earthquake clips
- -4°F to 104°F (-20°C to 40°C) operating temperature

WARRANTY

- 5 year limited warranty; see eiko.com for warranty details
- Additional warranty options available; consult EiKO for details

*At lowest available power setting; typical performance at highest setting is 130 lpw

project name	type
catalog number	
comments	voltage
approved by	date



2x2



2x4

APPLICATIONS

- Conference rooms
- Retail
- Offices
- Hospitality
- Healthcare
- Schools
- Reception areas
- Corridors
- Foyer



ORDERING INFORMATION

EXAMPLE: VOL22/PS40/835/HD

Model	Size	Package	CRI/CCT	Voltage	Dimming	Options
VOL : Volumetric Troffer	22 - 2'x2' 24 - 2'x4'	PS40 - 40/32/26W; 5000/4000/3250lm PS50 - 50/40/32W; 6250/5000/4000lm	835 - 80CRI; 3500K 840 - 80CRI; 4000K 850 - 80CRI; 5000K FCCT - 80CRI; 35/40/5000K	H - 120-347V	D - 0-10V Dimming	See page 2 for additional options

PERFORMANCE SUMMARY

Order Code	Item #	Watts	Nominal Lumens	LPW (Typical)	CCT	CRI	Volts	Fluor. Equiv.	DLC Premium
10992	VOL22/PS40/835/HD	40/32/26W	5000/4000/3250	130	3500K	80+	120-347V	3x 17WT8, 2U31T8	✓
10993	VOL22/PS40/840/HD	40/32/26W	5000/4000/3250	130	4000K	80+	120-347V	3x 17WT8, 2U31T8	✓
10994	VOL22/PS40/850/HD	40/32/26W	5000/4000/3250	130	5000K	80+	120-347V	3x 17WT8, 2U31T8	✓
10996	VOL24/PS50/835/HD	50/40/32W	6250/5000/4000	130	3500K	80+	120-347V	2x 32T8, 3x 32T8	✓
10997	VOL24/PS50/840/HD	50/40/32W	6250/5000/4000	130	4000K	80+	120-347V	2x 32T8, 3x 32T8	✓
10998	VOL24/PS50/850/HD	50/40/32W	6250/5000/4000	130	5000K	80+	120-347V	2x 32T8, 3x 32T8	✓
10995	VOL22/PS40/FCCT/HD	40/32/26W	5000/4000/3250	130	35/40/5000K	80+	120-347V	3x 17WT8, 2U31T8	✓
10999	VOL24/PS50/FCCT/HD	50/40/32W	6250/5000/4000	130	35/40/5000K	80+	120-347V	2x 32T8, 3x 32T8	✓

ADDITIONAL FACTORY INSTALLED OPTIONS

EXAMPLE: VOL22/PS40/835/HD-EM5W

EM5W - 5W Emergency Battery

EM7.8W - 7.8W Emergency Battery

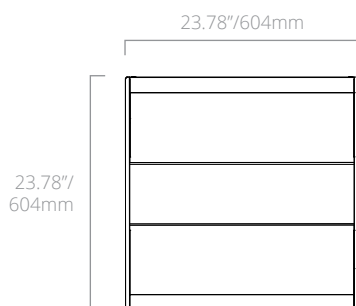
EM15W - 15W Emergency Battery

EM30W - 30W Emergency Battery

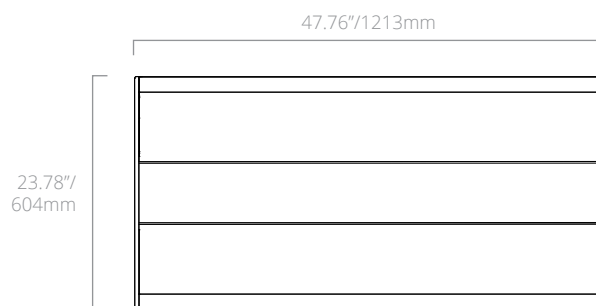
AVAILABLE ACCESSORIES

Order Code	Item #	Description
09898	VOL22-SMK-W	2x2 Surface Mount Kit, White
09899	VOL24-SMK-W	2x4 Surface Mount Kit, White
10366	SLM22-RMK-A	2x2 Recessed Mount Kit, White
10368	SLM24-RMK-A	2x4 Recessed Mount Kit, White

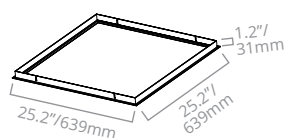
DIMENSIONS



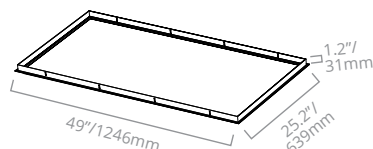
VOL22



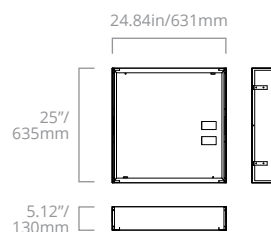
VOL24



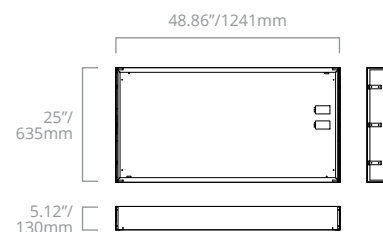
SLM22-RMK-A



SLM24-RMK-A



VOL22-SMK-W

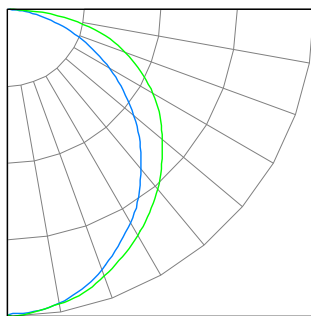


VOL24-SMK-W

PHOTOMETRICS

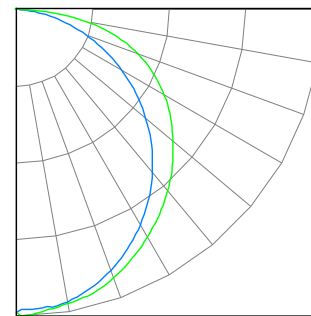
VOL22/PS40/840/HD (Typical performance @40W)

ZONAL LUMEN SUMMARY		
Zone	Lumens	%Fixture
0-30	1278.43	25.6%
0-40	2090.09	41.8%
0-60	3739.43	74.8%
0-80	4835.5	96.7%
0-90	4986.19	99.7%
60-80	1096.08	21.9%
70-80	441.86	8.8%
80-90	150.69	3.0%
0-180	5002.21	100%



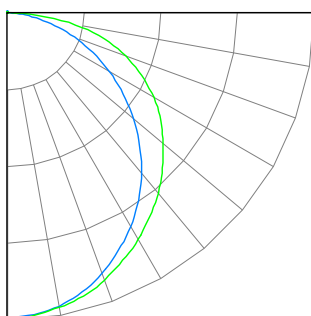
VOL24/PS50/840/HD (Typical performance @50W)

ZONAL LUMEN SUMMARY		
Zone	Lumens	%Fixture
0-30	1342.03	25.1%
0-40	2200.93	41.1%
0-60	3963.00	74.1%
0-80	5161.42	96.5%
0-90	5332.91	99.7%
60-80	1198.42	22.4%
70-80	487.49	9.1%
80-90	171.49	3.2%
0-180	5349.24	100%



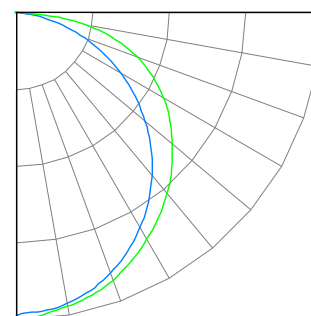
VOL22/PS40/FCCT/HD (Typical performance @40W)

ZONAL LUMEN SUMMARY		
Zone	Lumens	%Fixture
0-30	1364.48	25.6%
0-40	2231.37	41.9%
0-60	3994.32	75.0%
0-80	5160.86	96.9%
0-90	5310.28	99.7%
60-80	1166.54	21.9%
70-80	467.36	8.8%
80-90	149.42	2.8%
0-180	5324.78	100%



VOL24/PS50/FCCT/HD (Typical performance @50W)

ZONAL LUMEN SUMMARY		
Zone	Lumens	%Fixture
0-30	1374.86	25.1%
0-40	2255.59	41.2%
0-60	4064.23	74.2%
0-80	5292.26	96.6%
0-90	5462.18	99.7%
60-80	1228.03	22.4%
70-80	497.99	9.1%
80-90	169.92	3.1%
0-180	5477.54	100%



■ Vertical plane through horizontal angles 0°-180° ■ Vertical plane through horizontal angles 90°-270°

SCALING FACTORS

FIXTURE		WATTS	CCT		
			3500K	4000K	5000K
VOL22	PowerSet	40	1.00	1.00	1.02
		32	0.84	0.84	0.86
		26	0.71	0.71	0.72
	PowerSet FieldCCT	40	0.94	1.00	0.96
		32	0.77	0.82	0.79
		26	0.65	0.69	0.66
VOL24	PowerSet	50	0.98	1.00	1.01
		40	0.79	0.81	0.82
		32	0.66	0.67	0.68
	PowerSet FieldCCT	50	0.94	1.00	0.96
		40	0.74	0.79	0.76
		32	0.62	0.66	0.63