

SPECIFICATIONS

INDOOR

HOUSING

- Powder coat, white, steel housing
- Available in 1x4, 2x2 and 2x4 models

ELECTRICAL

- Quad-Tap (120-277Vac)
- 0-10V Dimmable driver standard
- Operating Temperature: -25°C (-13°F) - 50°C (122°F)
- 2.5kV Surge protection standard

OPTICAL SYSTEM

- PMMA LED lenses for optimal light distribution
- MCT (field selectable between 35K/40K/50K)
- 180,000 hours @ L₇₀
- CRI > 80
- THD < 20%
- Power Factor > 0.90

MOUNTING

- Easy installation in new construction or retrofits. Fits in standard 2x2 or 2x4 grid ceilings
- Surface mount, flange mounting, and cable mounting also optional

CODE COMPLIANCE

- cULus Listed for Damp Locations and insulated ceilings (Type IC-Rated)
- DLC Listed
- FCC Compliant

WARRANTY

- 5 Year



VLCB3-B-MCT LED Wattage and Color Selectable Basket

ORDERING INFORMATION

CATALOG #	Size	Wattage	Lumens	Color
VLCB3-B-14X1L-QT-MCT	1X4	24W - 33W	3309 - 4345 Lm	35K/40K/50K
VLCB3-B-22X1L-QT-MCT	2x2	22W - 32W	3073 - 4370 Lm	35K/40K/50K
VLCB3-B-24X1L-QT-MCT	2X4	32W - 44W	4460 - 5850 Lm	35K/40K/50K

OPTIONS (Ships Installed)

- EM5** - 5W Emergency Battery
 - EM10** - 10W Emergency Battery
 - EM13** - 13W Emergency Battery
 - MOCS** - Microwave Sensor
- See page 2 for emergency ballast info*

ACCESSORIES (Order Separately, Ships on Side)

- HD05R** - Remote Control (required for programming factory installed sensor)
- DWST-B** - Toggle Wall Switch, 0-10V Dimming
- DWSD-B** - Decora Wall Switch, 0-10V Dimming
- DWSB-B** - Button Wall Switch, 0-10V Dimming
- VLFP9-B-FMK14** - 1X4 Flange Mount Kit
- VLFP9-B-SMK14** - 1X4 Surface Mount Kit
- VLFP9-B-SMK22** - 2x4 Surface Mount Kit
- VLFP9-B-SMK24** - 2x2 Surface Mount Kit
- VLFP9-B-DWK22** - 2X2 Drywall Kit
- VLFP9-B-DWK24** - 2X4 Drywall Kit
- VLFP9-B-CMK** - Cable Mount Kit

LUMEN INFORMATION

Catalog #	Low Lumens			Mid Lumens			High Lumens		
VLCB3-B-14	3500K	4000K	5000K	3500K	4000K	5000K	3500K	4000K	5000K
	4239	4345	4257	3930	4105	4028	3309	3444	3396
	33W	32W	33W	30W	29W	30W	25W	24W	25W
VLCB3-B-22	3500K	4000K	5000K	3500K	4000K	5000K	3500K	4000K	5000K
	3073 Lm	3176 Lm	3120 Lm	3640 Lm	3772 Lm	3649 Lm	4220 Lm	4370 Lm	4196 Lm
	22W	22W	22W	27W	27W	27W	32W	31W	32W
VLCB3-B-24	3500K	4000K	5000K	3500K	4000K	5000K	3500K	4000K	5000K
	4466 Lm	4566 Lm	4460 Lm	4922 Lm	5062 Lm	5002 Lm	5653 Lm	5850 Lm	5675 Lm
	33W	32W	33W	37W	36W	37W	44W	43W	44W

ELECTRICAL INFORMATION

Catalog #	Input Amps (A)								
	Low Lumens			Mid Lumens			High Lumens		
	120V	240V	277V	120V	240V	277V	120V	240V	277V
VLCB3-B-14 (35K)	0.28	0.14	0.12	0.25	0.13	0.11	0.21	0.10	0.09
VLCB3-B-14 (40K)	0.26	0.13	0.11	0.24	0.12	0.10	0.20	0.10	0.09
VLCB3-B-24 (50K)	0.28	0.14	0.12	0.25	0.13	0.11	0.21	0.10	0.09
VLCB3-B-22 (35K)	0.18	0.09	0.08	0.23	0.11	0.10	0.27	0.13	0.12
VLCB3-B-22 (40K)	0.18	0.09	0.08	0.23	0.11	0.10	0.26	0.13	0.11
VLCB3-B-22 (50K)	0.18	0.09	0.08	0.23	0.11	0.10	0.27	0.13	0.12
VLCB3-B-24 (35K)	0.28	0.14	0.12	0.31	0.15	0.13	0.37	0.18	0.16
VLCB3-B-24 (40K)	0.27	0.13	0.12	0.30	0.15	0.13	0.36	0.18	0.16
VLCB3-B-24 (50K)	0.28	0.14	0.12	0.31	0.15	0.13	0.37	0.18	0.16

COMPATIBILITY

Installed Emergency Drivers

Catalog #	EM5		EM10		EM13	
	Watts	EM Lumens	Watts	EM Lumens	Watts	EM Lumens
VLCB3-B-MCT	5.0W	755	10.7W	1617	13.7W	1940

Compatible Dimmers

Manufacturer	Model #	Dimming Range	Load Switching Capacity
Best Lighting	DWS-010V-T	10% - 100%	600W
Best Lighting	DWS-010V-D	10% - 100%	600W
Leviton	IP710-LFZ	10% - 100%	1200W
Lutron	DVSTV	10% - 100%	450W

VLCB3-B-14

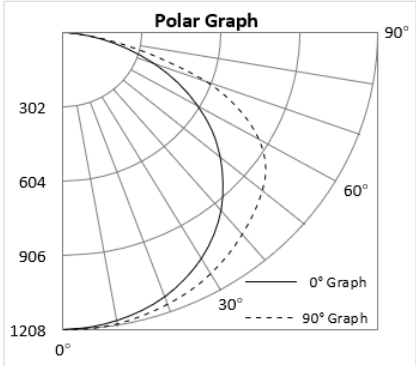
Luminaire Data

Description	1X4 Center Basket Lumen and Kelvin Select
Total Lumens	4,225
Input Wattage	33
Efficacy (lm/W)	126
Spacing Criterion (0-180°)	1.32
Spacing Criterion (90-270°)	1.42

Photometrics based on 35K CCT and set
to highest lumen output.

Zonal Lumen Summary

Zone	Lumens	%Fixt
0-20°	449	10.6%
0-30°	973	23.0%
0-40°	1,637	38.7%
20-50°	1,926	45.6%
40-70°	2,114	50.0%
0-60°	3,116	73.7%
0-80°	4,133	97.8%
0-90°	4,213	99.7%
90-180°	12	0.3%
0-180°	4,225	100.0%



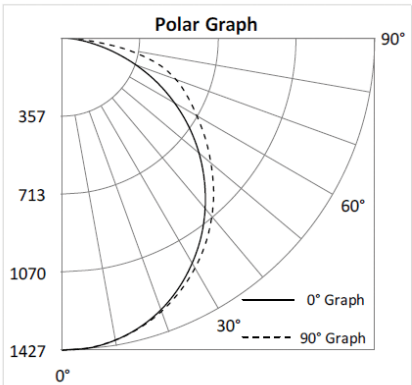
VLCB3-B-22

Luminaire Data

Description	Center Basket 2X2 4L 5K - LKFS
Total Lumens	4,205
Input Wattage	32
Efficacy (lm/W)	131
Spacing Criterion (0-180°)	1.24
Spacing Criterion (90-270°)	1.28

Zonal Lumen Summary

Zone	Lumens	%Fixt
0-20°	521	12.4%
0-30°	1,104	26.3%
0-40°	1,807	43.0%
20-50°	2,017	48.0%
40-70°	1,936	46.0%
0-60°	3,206	76.2%
0-80°	4,102	97.5%
0-90°	4,202	99.9%
90-180°	3	0.1%
0-180°	4,205	100.0%



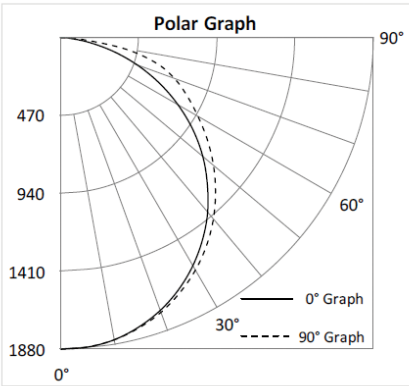
VLCB3-B-24

Luminaire Data

Description	Center Basket 2X4 6L 5K - LKFS
Total Lumens	5,675
Input Wattage	44
Efficacy (lm/W)	129
Spacing Criterion (0-180°)	1.26
Spacing Criterion (90-270°)	1.28

Zonal Lumen Summary

Zone	Lumens	%Fixt
0-20°	689	12.1%
0-30°	1,465	25.8%
0-40°	2,407	42.4%
20-50°	2,706	47.7%
40-70°	2,630	46.3%
0-60°	4,305	75.9%
0-80°	5,526	97.4%
0-90°	5,671	99.9%
90-180°	4	0.1%
0-180°	5,675	100.0%



DIMENSIONS

