



CT-VT-KFS

VAPOR TIGHT LUMINAIRES

KELVIN FIELD SELECTABLE

PROJECT	TYPE	CATALOG#



Model	Size (inches) & Weight (lbs)			
	L (in)	W (in)	H (in)	Weight
CT-VT-6L-KFS	45.7	4.7	4.3	4
CT-VT-14L-KFS	50	10	4.1	13
CT-VT-20L-KFS	50	10	4.1	14

OPTICAL

- Polycarbonate lens.
- Field selectable 3500k (warm/neutral white), 4000k (neutral white) and 5000k (cool white) color temperatures*.
- Selectable lumen outputs range from 6,000, 14,000 to 20,000 nominal lumens and uses 42, 100 to 150 nominal watts*.
- Long-life LEDs provide 137,000 hours of operation with at least 70% of initial lumen output (L70), and 42,000 hours with at least 90% of initial lumen output (L90)**.
- LED chromaticity based on ≤ 5 -step ANSI quadrangles.
- LED color maintenance ≤ 0.002 chromaticity shift ($\Delta u'v'$) over the initial 6,000 hours of operation.
- Color rendering index $> 80\%$.

HOUSING

- Polycarbonate housing and stainless steel lens clips.

ORDERING INFORMATION

Example: CT-VT-14L-KFS

SERIES	NOMINAL LUMEN OUTPUT (SELECTABLE)	KELVIN SELECTABLE
CT-VT	6L 6,000 nominal lumens	KFS*
	14L 14,000 nominal lumens	
	20L 20,000 nominal lumens	

*Field Selectable

ELECTRICAL

- Operating temperature (ambient): -20°C to 40°C (-4°F to 104°F).
- Universal 120-277V AC voltage (50-60Hz) is standard.
- 0-10VDC dimming drivers are standard.
- Input transient surge protection = 1 kV.
- Power factor > 0.90 .
- Total harmonic distortion $< 20\%$.

CODE COMPLIANCE

- cETLus listed for wet locations.
- VT-6L DLC listed; VT-14L & 20L DLC Premium listed.
- Complies with FCC part 15, class A.
- ETL sanitation listed for non-splash food zone to comply with NSF/ANSI 2 standard.
- NEMA 4X
- IP67 rated for ingress protection.
- IK10 rated for impact.

WARRANTY

- 5 year warranty on all electronics and housing.

* Contact factory for other color temperature and lumen packages.

**L70 & L90 hours are IES TM-21-11 calculated hours.



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ELECTRICAL DATA

SERIES	MEASUREMENTS	LOW LUMENS			MID LUMENS			HIGH LUMENS		
		3500K	4000K	5000K	3500K	4000K	5000K	3500K	4000K	5000K
CT-VT-KFS	Lumens	5965	6256	6105	13,673	14,327	13,956	20,380	21,447	20,590
	Watt	44	42	44	99	93	99	150	141	150
	Efficacy	136	148	138	137	156	141	136	152	137
	Input Current (A)	120V = 0.37	120V = 0.35	120V = 0.37	120V = 0.83	120V = 0.78	120V = 0.83	120V = 1.25	120V = 1.18	120V = 1.25
240V = 0.18		240V = 0.18	240V = 0.18	240V = 0.41	240V = 0.39	240V = 0.41	240V = 0.63	240V = 0.59	240V = 0.63	
277V = 0.16		277V = 0.15	277V = 0.16	277V = 0.36	277V = 0.34	277V = 0.36	277V = 0.54	277V = 0.51	277V = 0.54	

PHOTOMETRICS

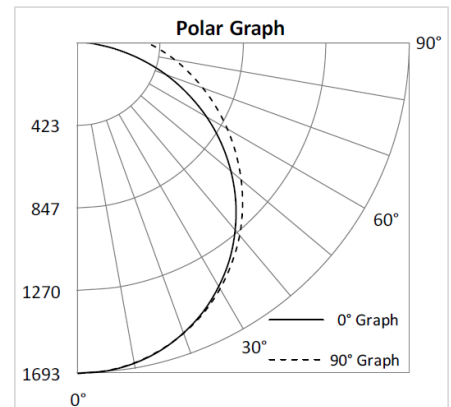
CT-VT-6L-KFS

Luminaire Data

Description	4' Vapor Tight 6L 35K - KFS
Total Lumens	5,965
Input Wattage	44
Efficacy (lm/W)	136
Spacing Criterion (0-180°)	1.28
Spacing Criterion (90-270°)	1.28
Photometric calculated at 5000k- high lumens setting	

Zonal Lumen Summary

Zone	Lumens	%Fixt
0-20°	621	10.4%
0-30°	1,323	22.2%
0-40°	2,180	36.5%
20-50°	2,468	41.4%
40-70°	2,476	41.5%
0-60°	3,942	66.1%
0-80°	5,183	86.9%
0-90°	5,526	92.6%
90-180°	439	7.4%
0-180°	5,965	100.0%



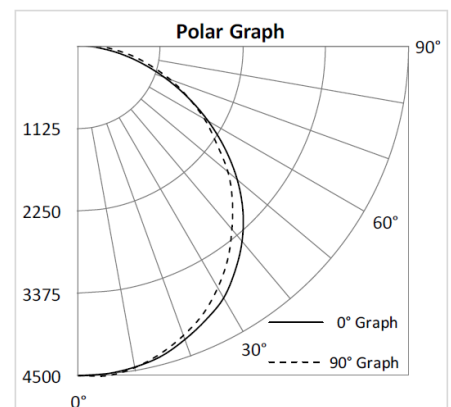
CT-VT-14L-KFS

Luminaire Data

Description	4' Vapor Tight 14L 35K - KFS
Total Lumens	13,673
Input Wattage	100
Efficacy (lm/W)	137
Spacing Criterion (0-180°)	1.32
Spacing Criterion (90-270°)	1.26
Photometric calculated at 5000k- high lumens setting	

Zonal Lumen Summary

Zone	Lumens	%Fixt
0-20°	1,653	12.1%
0-30°	3,534	25.8%
0-40°	5,815	42.5%
20-50°	6,529	47.8%
40-70°	6,136	44.9%
0-60°	10,316	75.4%
0-80°	12,962	94.8%
0-90°	13,392	97.9%
90-180°	281	2.1%
0-180°	13,673	100.0%





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PHOTOMETRICS

CT-VT-20L-KFS

Luminaire Data

Description	4' Vapor Tight 20L 35K - KFS
Total Lumens	20,380
Input Wattage	150
Efficacy (lm/W)	136
Spacing Criterion (0-180°)	1.32
Spacing Criterion (90-270°)	1.28
Photometric calculated at 5000k- high lumens setting	

Zonal Lumen Summary

Zone	Lumens	%Fixt
0-20°	2,470	12.1%
0-30°	5,280	25.9%
0-40°	8,691	42.6%
20-50°	9,761	47.9%
40-70°	9,147	44.9%
0-60°	15,414	75.6%
0-80°	19,327	94.8%
0-90°	19,959	97.9%
90-180°	421	2.1%
0-180°	20,380	100.0%

