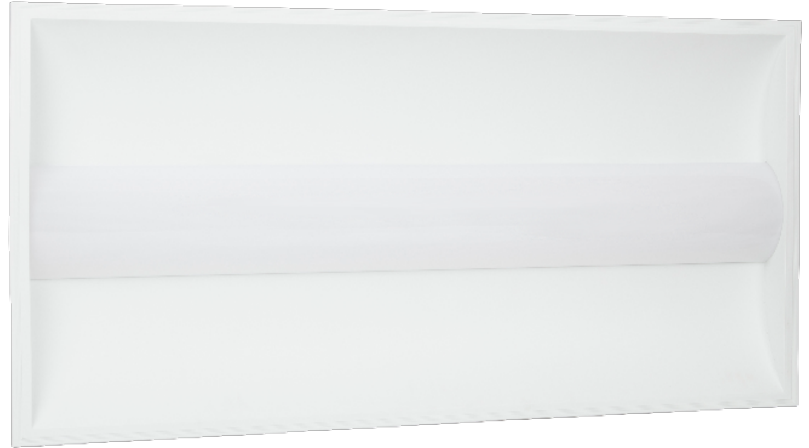


TTR Series

Tunable White + Power Troffer

Highlights

- Contemporary lightweight design – highly durable and easy to install
- Available in 2'x2' and 2'x4' sizing
- Features adjustable color temp and power output on the driver:
 - 3000K / 3500K / 4000K / 5000K
 - 4 different wattages (5W steps)
- Premium LEDs provide a crisp CRI across a spectrum of temperatures
- Optional factory EM driver install available
- UL, DLC (Premium)



Ordering Guide

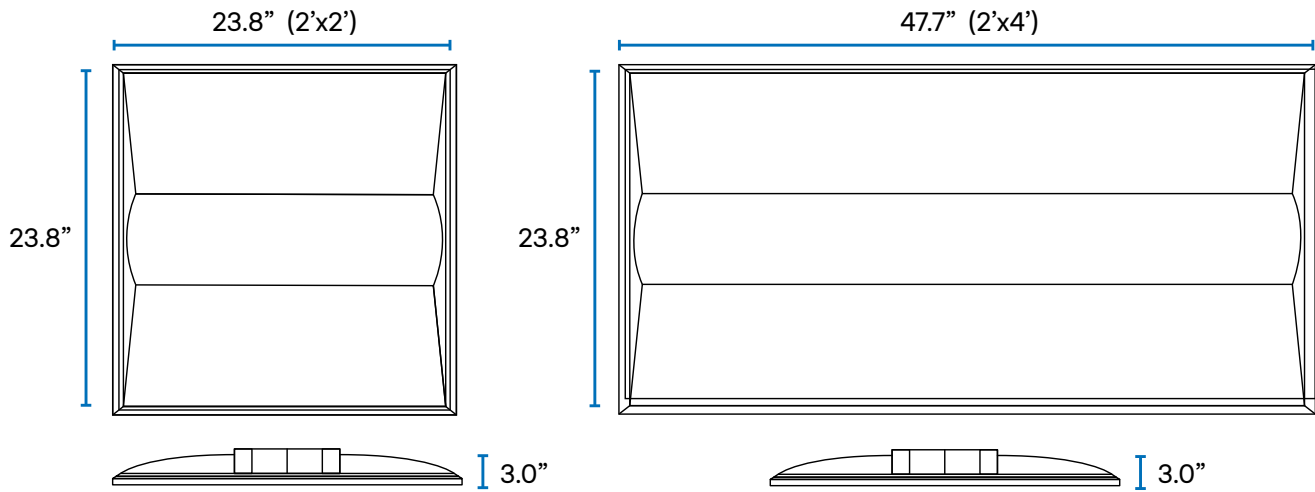
Example: VA-TTR-24

VA-TTR-XX

VA - TTR -				
VALRIYA	FAMILY	SIZE	POWER	CCT
VA	TTR	XX		
	TUNABLE	22 = 2'X2'	20W / 25W / 30W / 35W	3000K / 3500K / 4000K / 5000K
	TROFFER	24 = 2'X4'	35W / 40W / 45W / 50W	3000K / 3500K / 4000K / 5000K

TTR Series

0.1 Dimensions



0.2 Technical Overview

CATEGORY	SPECIFICATION	DETAILS	
General Performance	Size	2'x2'	2'x4'
	Nominal Power (Adjustable)	20W / 25W / 30W / 35W	35W / 40W / 45W / 50W
	Nominal Lumens Delivered	2,500-4,375lm	4,375-6,250lm
	Efficiency (lm/w)	125lm/w	
	Color Temperature (CCT Adjustable)	3000K / 3500K / 4000K / 5000K	
	Dimming	Standard 0-10V Dimming	
	Input Voltage	120-277V 50/60Hz	
	CRI	80+	
	Lumen Maintenance (L70)	50,000+ Hours	
	Physical	Dimensions (Inches)	See Above
Weight		5.0lbs	8.6lbs
Housing		Performance Plastic	
Diffuser / Lens		PC	
Mounting		Recessed	
Operating Temperature		14°F to 104°F	
Certifications		Safety Certification	UL
	DLC Listed*	V4.4, Premium	V4.4, Premium
	Warranty	5 Year	

*1 Non DLC products can be listed upon request

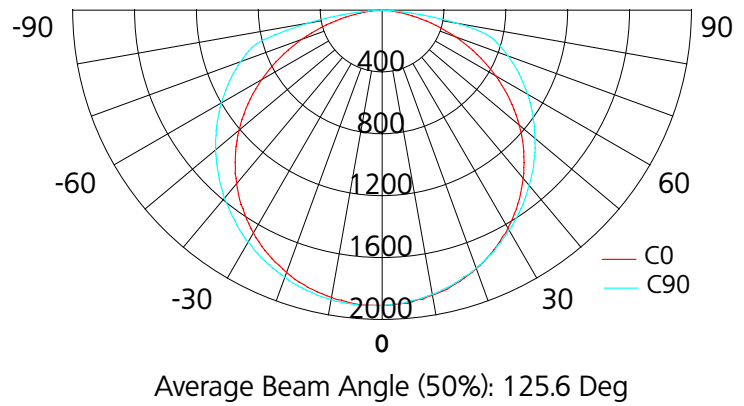
TTR Series

0.3 Photometric Data (2'x4', 50W, 4000K)

CANDLE POWER

ANGLE	C0	C45	C90
5	1989	1986	1984
10	1935	1937	1940
20	1834	1861	1887
30	1645	1715	1786
40	1428	1528	1627
50	1126	1279	1432
60	809	1028	1247
70	479	737	995
80	161	346	531
90	9	14	18

CANDELA PLOT



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE	LAMP
0-30	1,548	25.0	25.0
0-40	2,554	41.3	41.3
0-60	4,649	75.1	75.1
0-90	6,190	100.0	100.0
0-180	6,190	100.0	100.0

COEFFICIENT OF UTILIZATION (PFC - 20%)

RCR	RC	80%			70%			50%			30%			10%			0%
		50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
0	119	119	119	116	116	116	111	111	111	106	106	106	102	102	102	100	
1	102	98	93	100	96	92	96	92	89	92	89	86	88	86	83	81	
2	88	81	74	86	79	73	82	77	72	79	74	70	76	72	68	66	
3	77	68	61	75	67	60	72	65	59	69	63	58	66	61	57	55	
4	67	58	51	66	57	51	63	56	50	61	54	49	59	53	48	46	
5	60	50	44	59	50	43	57	49	43	55	48	42	53	47	42	40	
6	54	44	38	53	44	38	51	43	37	49	42	37	48	41	36	34	
7	49	40	33	48	39	33	46	38	33	45	38	32	43	37	32	30	
8	44	35	29	44	35	29	42	35	29	41	34	29	40	33	29	27	
9	41	32	26	40	32	26	39	31	26	38	31	26	37	30	26	24	
10	37	29	24	37	29	24	36	29	24	35	28	24	34	28	23	22	

*Effective floor cavity reflectance 20%