project name	type
catalog number	voltage
approved by	date

VRT VERT Area and Site Light

FEATURES

- Modern, low-profile design
- Easy installation
- 12,500-57,300 lumens
- Multiple mounting options available for versatile use
- Polycarbonate TIR optics
- Z10 enabled to simplify controls
- Optional kit for adding top mounted, field installable Z10 Photocell
- Designed for use with EiKO's aluminum or steel poles; contact EiKO for package pricing

CERTIFICATIONS

- UL Listed for wet locations
- IP65 Rated
- DesignLights Consortium® Premium Qualified - meets the requirements for the highest DLC qualification for efficacy and lumen maintenance
- 3G Rated per ANSI C136.31

PERFORMANCE

- Rated lifetime:
  L70: 50,000 hours
  L90: 36,000 hours
- 4000K, 5000K CCT
- CRI: >70

ELECTRICAL

- Input voltage: 120-277V; 277-480V
- 0-10V dimming
- Power Factor: >0.9
- THD: <20%
- 10kV driver, plus 10kV supplemental surge protection

THERMAL

- -40°F to 122°F (-40°C to 50°C) operating temperature

CONSTRUCTION

- Diecast aluminum body with durable powder coat finish
- UV stabilized polycarbonate lens
- Stainless steel hardware
- Z10 included on all fixtures

WARRANTY

- 5 year limited warranty. Additional warranty options available. Contact EiKO for details



VRT1



VRT2



VRT3

APPLICATIONS

- Parking Areas
- Automotive Dealerships
- Roadways
- Campuses
- Streetscapes
- Airports
- Area security lighting
- Building facades
- Signs
- Entryways

CONFIGURATOR

MODEL	LUMEN PACKAGE	CCT	VOLTAGE	DIMMING	DISTRIBUTION	FINISH	CONTROLS
VRT1 : VERT 100-150W	**100W** - 100W; 12,500 lm **150W** - 150W; 19,700 lm	**740** - 70 CRI; 4000K **750** - 70 CRI; 5000K	**U** - 120-277V **V** - 277-480V	**D** - 0-10V Dimming	**T3** - Type 3 **T5** - Type 5	**BZ** - Bronze	See p. 2 for options
VRT2 : VERT 185-300W	**185W** - 185W; 24,000 lm **200W** - 200W; 26,000 lm **240W** - 240W; 31,000 lm **300W** - 300W; 39,400 lm						
VRT3 : VERT 450W	**450W** - 450W; 57,300 lm						

MOUNT (REQUIRED)
VRT-S-BZ - Slipfitter, 2-3/8", Bronze **VRT-D-BZ** - Direct Mount, Bronze **VRT-Y-BZ** - Yoke Mount, Bronze

©2021 EiKO Global, LLC. World Headquarters: 18000 W 105th St, Olathe, KS 66061 (P) 1.800.852.2217 (F) 1.800.492.8975
EiKO Global Canada, LLC: 81 King Street, Barrie, ON L4N 6B5 Canada (P) 1.888.410.8151 (F) 1.888.705.1335

PERFORMANCE SUMMARY

ORDER CODE	ITEM #	WATTS	NOMINAL LUMENS	CCT	DISTRIBUTION	DIMMING	VOLTS	REPLACES	DLC PREMIUM
11636	VRT1/100W/740/UD/T3/BZ	100W	12,500	4000K	T3	0-10V	120-277V	up to 320W	✓
11637	VRT1/100W/740/UD/T5/BZ	100W	12,500	4000K	T5	0-10V	120-277V	up to 320W	✓
11638	VRT1/100W/750/UD/T3/BZ	100W	12,500	5000K	T3	0-10V	120-277V	up to 320W	✓
11672	VRT1/100W/750/UD/T5/BZ	100W	12,500	5000K	T5	0-10V	120-277V	up to 320W	✓
11667	VRT1/150W/740/UD/T3/BZ	150W	19,700	4000K	T3	0-10V	120-277V	up to 400W	✓
11666	VRT1/150W/740/UD/T5/BZ	150W	19,700	4000K	T5	0-10V	120-277V	up to 400W	✓
11671	VRT1/150W/740/VD/T3/BZ	150W	19,700	4000K	T3	0-10V	277-480V	up to 400W	✓
11662	VRT1/150W/740/VD/T5/BZ	150W	19,700	4000K	T5	0-10V	277-480V	up to 400W	✓
11648	VRT1/150W/750/UD/T3/BZ	150W	19,700	5000K	T3	0-10V	120-277V	up to 400W	✓
11651	VRT1/150W/750/UD/T5/BZ	150W	19,700	5000K	T5	0-10V	120-277V	up to 400W	✓
11653	VRT1/150W/750/VD/T3/BZ	150W	19,700	5000K	T3	0-10V	277-480V	up to 400W	✓
11656	VRT1/150W/750/VD/T5/BZ	150W	19,700	5000K	T5	0-10V	277-480V	up to 400W	✓
11658	VRT2/185W/740/UD/T3/BZ	185W	24,000	4000K	T3	0-10V	120-277V	up to 400W	✓
11665	VRT2/185W/740/UD/T5/BZ	185W	24,000	4000K	T5	0-10V	120-277V	up to 400W	✓
11663	VRT2/185W/750/UD/T3/BZ	185W	24,000	5000K	T3	0-10V	120-277V	up to 400W	✓
11660	VRT2/185W/750/UD/T5/BZ	185W	24,000	5000K	T5	0-10V	120-277V	up to 400W	✓
11647	VRT2/200W/740/VD/T3/BZ	200W	26,000	4000K	T3	0-10V	277-480V	up to 400W	✓
11654	VRT2/200W/740/VD/T5/BZ	200W	26,000	4000K	T5	0-10V	277-480V	up to 400W	✓
11650	VRT2/200W/750/VD/T3/BZ	200W	26,000	5000K	T3	0-10V	277-480V	up to 400W	✓
11668	VRT2/200W/750/VD/T5/BZ	200W	26,000	5000K	T5	0-10V	277-480V	up to 400W	✓
11652	VRT2/240W/740/UD/T3/BZ	240W	31,000	4000K	T3	0-10V	120-277V	up to 400W	✓
11664	VRT2/240W/740/UD/T5/BZ	240W	31,000	4000K	T5	0-10V	120-277V	up to 400W	✓
11657	VRT2/240W/750/UD/T3/BZ	240W	31,000	5000K	T3	0-10V	120-277V	up to 400W	✓
11641	VRT2/240W/750/UD/T5/BZ	240W	31,000	5000K	T5	0-10V	120-277V	up to 400W	✓
11645	VRT2/300W/740/UD/T3/BZ	300W	39,400	4000K	T3	0-10V	120-277V	up to 1000W	✓
11655	VRT2/300W/740/UD/T5/BZ	300W	39,400	4000K	T5	0-10V	120-277V	up to 1000W	✓
11659	VRT2/300W/740/VD/T3/BZ	300W	39,400	4000K	T3	0-10V	277-480V	up to 1000W	✓
11670	VRT2/300W/740/VD/T5/BZ	300W	39,400	4000K	T5	0-10V	277-480V	up to 1000W	✓
11661	VRT2/300W/750/UD/T3/BZ	300W	39,400	5000K	T3	0-10V	120-277V	up to 1000W	✓
11642	VRT2/300W/750/UD/T5/BZ	300W	39,400	5000K	T5	0-10V	120-277V	up to 1000W	✓
11643	VRT2/300W/750/VD/T3/BZ	300W	39,400	5000K	T3	0-10V	277-480V	up to 1000W	✓
11669	VRT2/300W/750/VD/T5/BZ	300W	39,400	5000K	T5	0-10V	277-480V	up to 1000W	✓
11934	VRT3/450W/740/UD/T3/BZ	450W	57,300	4000K	T3	0-10V	120-277V	up to 1200W	✓
11935	VRT3/450W/740/VD/T3/BZ	450W	57,300	4000K	T3	0-10V	277-480V	up to 1200W	✓
11646	VRT3/450W/750/UD/T3/BZ	450W	57,300	5000K	T3	0-10V	120-277V	up to 1200W	✓
11644	VRT3/450W/750/UD/T5/BZ	450W	57,300	5000K	T5	0-10V	120-277V	up to 1200W	✓
MOUNTING ACCESSORIES (MUST BE ORDERED WITH FIXTURE)									
10162	VRT-S-BZ	Slipfitter Mount for VERT, 2 3/8", Bronze							
10135	VRT-D-BZ	Direct Mount for VERT, Bronze							
10134	VRT-Y-BZ	Yoke Mount for VERT, Bronze							

MADE TO ORDER OPTIONS

(Contact Regional Sales Manager for details)

PCR7	NEMA 7-Pin locking photo control receptacle per NEMA C136.41§

PHOTOCELLS

ORDER CODE	ITEM #	DESCRIPTION
12092	PC1-4500K	Shorting Plug 120480V 15A 2-yr Warranty
10041	PC1-4536S-U	Photocell Twist-lock 120-277V 2A (6-yr Warranty)
10042	PC1-4536P-U	Premium Photocell Twist Lock 120-277V 6A (8-yr Warranty)
10203	PC1-4537-V	Photocell Twist Lock 347-480V 6A 6-yr Warranty
10204	PC1-4537SC-V	Premium Photocell Twist Lock 347-480V 8A 12-yr Warranty

§Photocell must be ordered separately.
Extended warranty period applies to the photocell device only. Refer to the device manufacturer's warranty for details.

CONTROLS

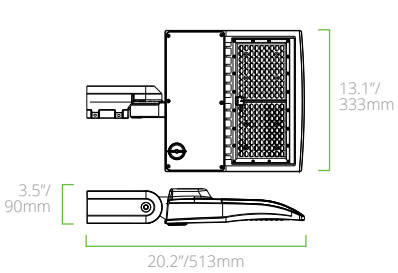
ORDER CODE	ITEM #	DESCRIPTION
SENSORS		
11947	SEN5A/PIR/Z10*	PIR motion + photocell
11931	SEN5A/M/Z10*	Microwave motion + photocell
11932	SEN5A/PC/Z10**	Photocell***
11933	SEN5A/CT	Commissioning Tool for Series 5 Sensors
11635	VRT/CPZ10**	VERT Cover Plate w/ Z10 Receptacle
XI-FI		
12403	XIFI/M/CV1/Z10†	Z10 Xi-Fi Capsule: clear w/ microwave motion sensor‡
10893	EC-004-2N-129	Xi-Fi Dongle
10894	EC-018-9N-147	Xi-Fi Remote

**Must order SEN5A/CT commissioning tool to configure sensor*
***EiKO recommends purchasing both for proper photocell operation. Field install only.*
****This item is not a NEMA photocell and is only compatible with Z10 receptacles.*
†Must order or have access to Xi-Fi Dongle and Xi-Fi Remote to configure Xi-Fi.
‡Optimized for mounting heights up to 24ft.

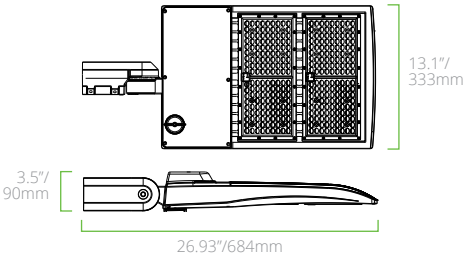
©2021 EiKO Global, LLC. World Headquarters: 18000 W 105th St, Olathe, KS 66061 (P) 1.800.852.2217 (F) 1.800.492.8975
EiKO Global Canada, LLC: 81 King Street, Barrie, ON L4N 6B5 Canada (P) 1.888.410.8151 (F) 1.888.705.1335 | eiko.com
Rev. 10/14/21

PRODUCT DIMENSIONS

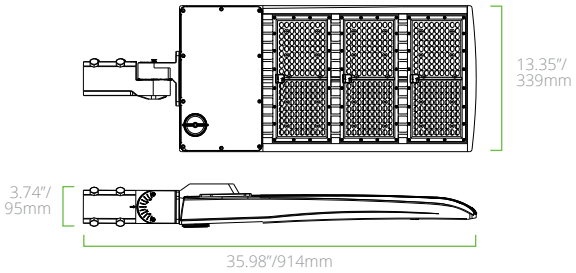
SLIPFITTER MOUNT



VRT1

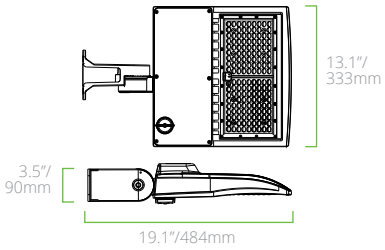


VRT2

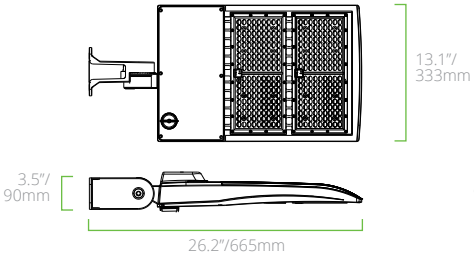


VRT3

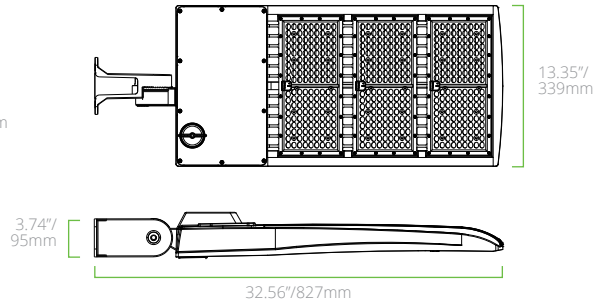
YOKE MOUNT



VRT1

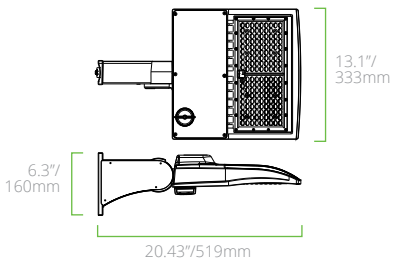


VRT2

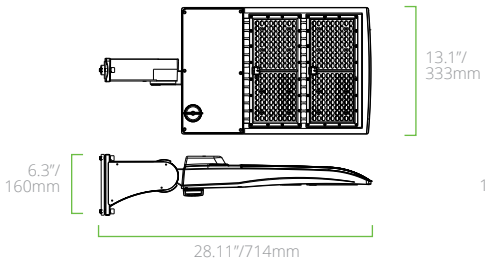


VRT3

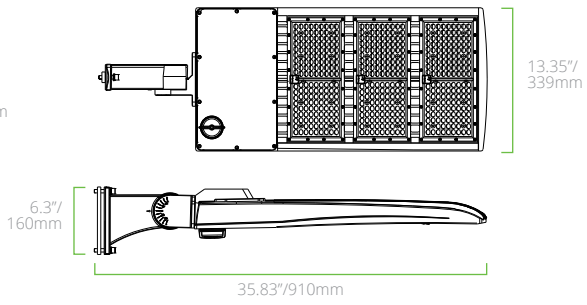
DIRECT MOUNT



VRT1



VRT2

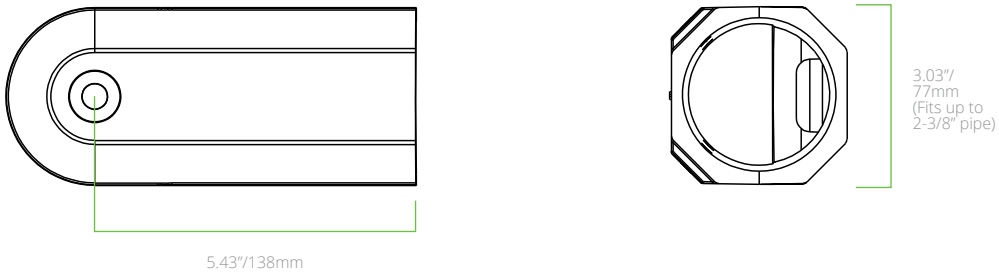


VRT3

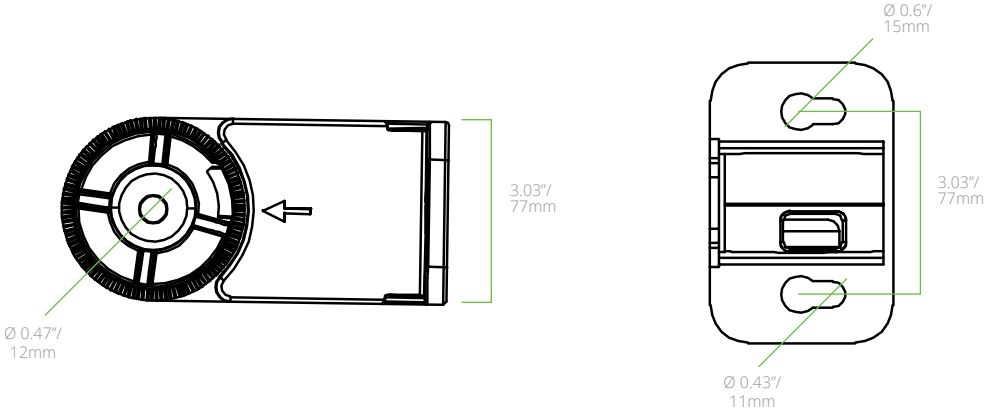
©2021 EiKO Global, LLC. World Headquarters: 18000 W 105th St, Olathe, KS 66061 (P) 1.800.852.2217 (F) 1.800.492.8975
EiKO Global Canada, LLC: 81 King Street, Barrie, ON L4N 6B5 Canada (P) 1.888.410.8151 (F) 1.888.705.1335

MOUNT DIMENSIONS

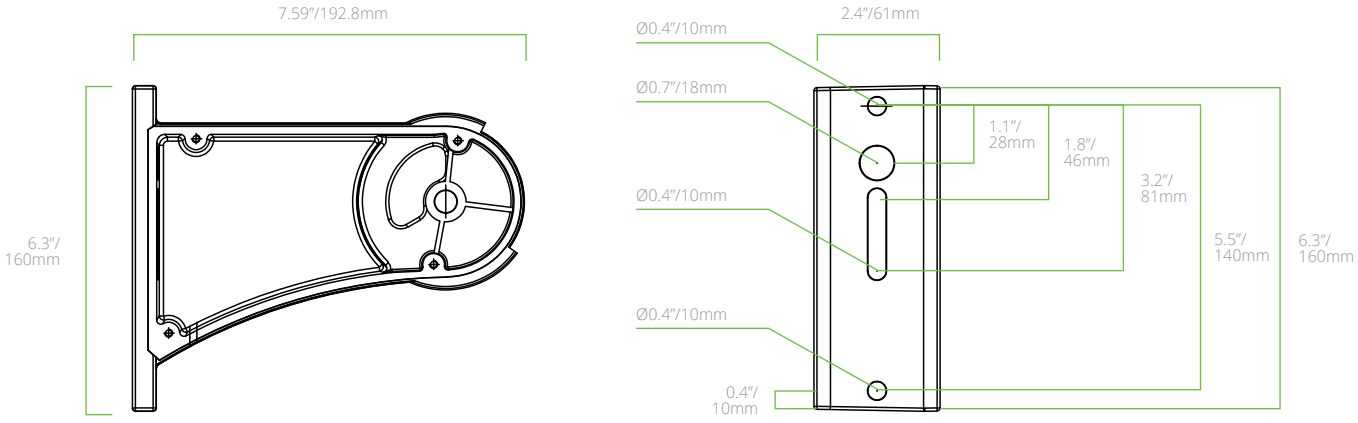
SLIPFITTER MOUNT



YOKE MOUNT



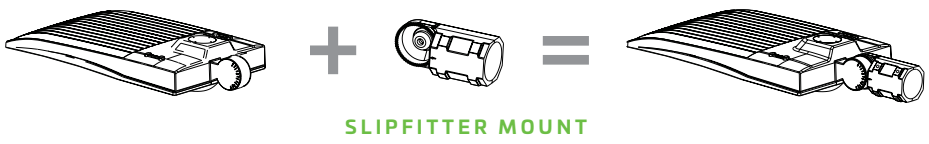
DIRECT MOUNT



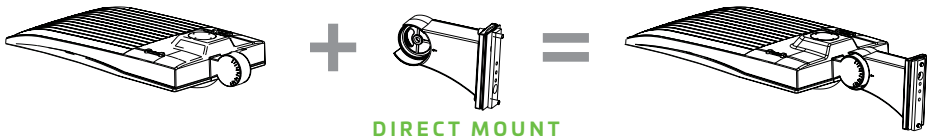
©2021 EiKO Global, LLC. World Headquarters: 18000 W 105th St, Olathe, KS 66061 (P) 1.800.852.2217 (F) 1.800.492.8975
EiKO Global Canada, LLC: 81 King Street, Barrie, ON L4N 6B5 Canada (P) 1.888.410.8151 (F) 1.888.705.1335 | eiko.com
Rev. 10/14/21

CONFIGURATIONS

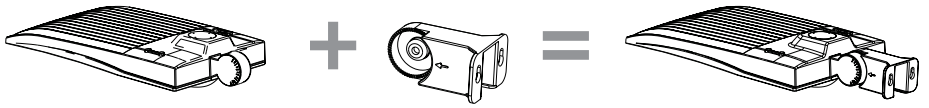
(MOUNTS ORDERED SEPARATELY AND FIELD INSTALLED)



SLIPFITTER MOUNT



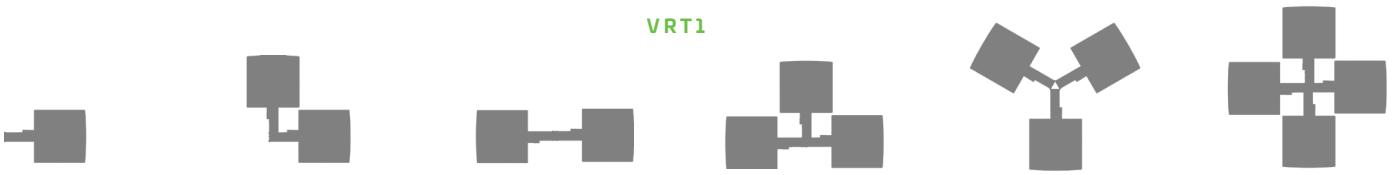
DIRECT MOUNT



YOKE MOUNT

MOUNTING CONFIGURATIONS

VRT1



S Single
EPA: 0.8
Weight: 12.9 lbs.

D90 Double 90°
EPA: 0.98
Weight: 24.8 lbs.

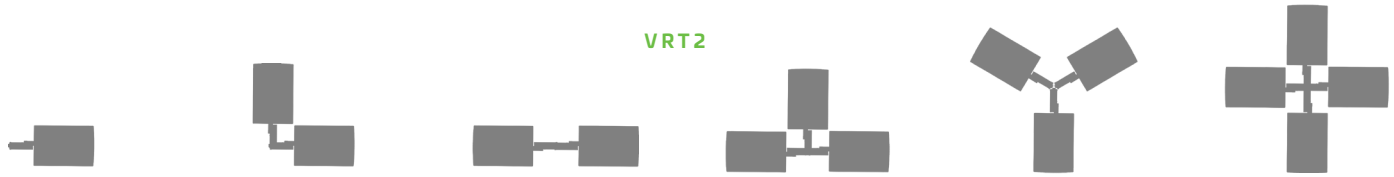
D180 Double 180°
EPA: 1.5
Weight: 24.8 lbs.

T90 Triple 90°
EPA: 1.55
Weight: 36.7 lbs.

T90 Triple 120°
EPA: 1.55
Weight: 36.7 lbs.

Q90 Quad 90°
EPA: 1.55
Weight: 48.6 lbs.

VRT2



S Single
EPA: 1.1
Weight: 18.6 lbs.

D90 Double 90°
EPA: 1.28
Weight: 36.2 lbs.

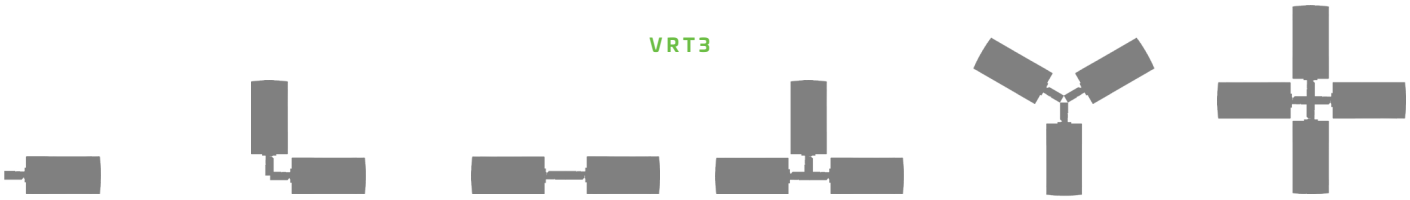
D180 Double 180°
EPA: 1.9
Weight: 36.2 lbs.

T90 Triple 90°
EPA: 2.0
Weight: 53.8 lbs.

T90 Triple 120°
EPA: 2.0
Weight: 53.8 lbs.

Q90 Quad 90°
EPA: 2.0
Weight: 69.8 lbs.

VRT3



S Single
EPA: 1.1
Weight: 18.6 lbs.

D90 Double 90°
EPA: 1.28
Weight: 36.2 lbs.

D180 Double 180°
EPA: 1.9
Weight: 36.2 lbs.

T90 Triple 90°
EPA: 2.0
Weight: 53.8 lbs.

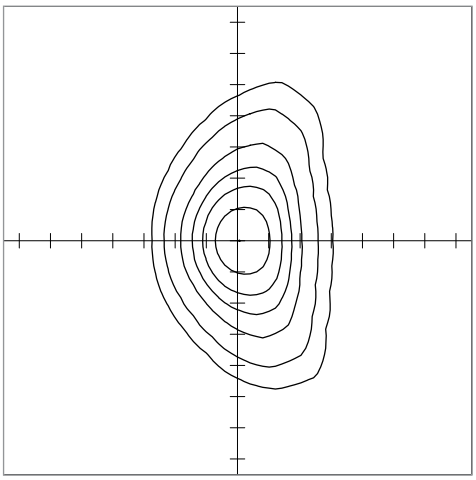
T90 Triple 120°
EPA: 2.0
Weight: 53.8 lbs.

Q90 Quad 90°
EPA: 2.0
Weight: 69.8 lbs.

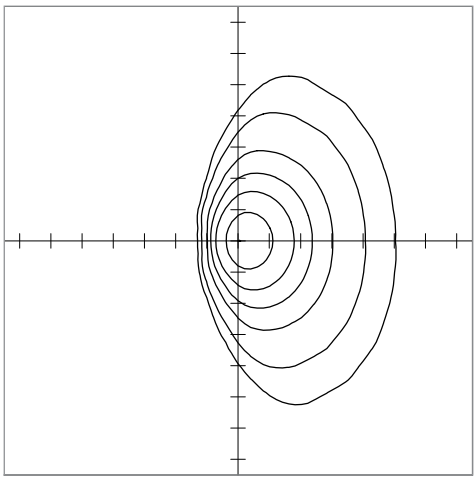
©2021 EiKO Global, LLC. World Headquarters: 18000 W 105th St, Olathe, KS 66061 (P) 1.800.852.2217 (F) 1.800.492.8975
EiKO Global Canada, LLC: 81 King Street, Barrie, ON L4N 6B5 Canada (P) 1.888.410.8151 (F) 1.888.705.1335

DISTRIBUTION

T3 DISTRIBUTION



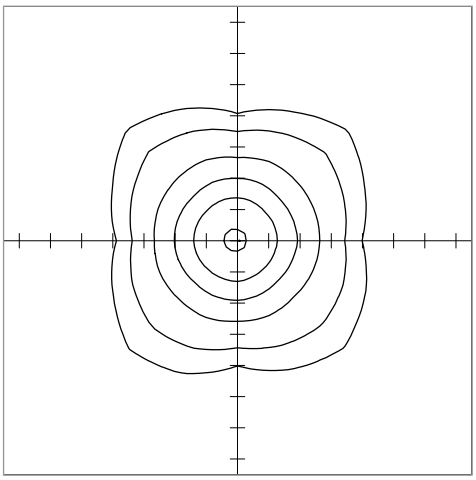
LUMINAIRE TILTED AT 0°



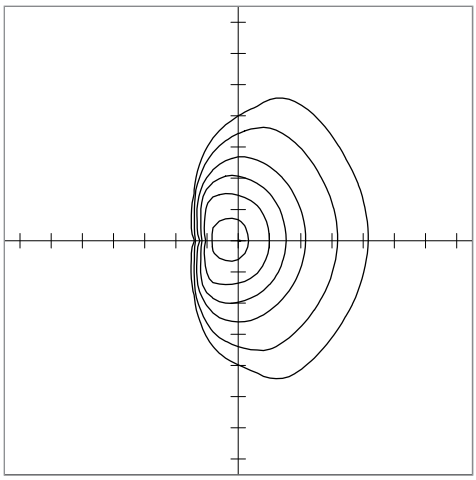
LUMINAIRE TILTED AT 30°

Distances are in units of mounting height (20').

T5 DISTRIBUTION



LUMINAIRE TILTED AT 0°



LUMINAIRE TILTED AT 30°

Distances are in units of mounting height (20').

©2021 EiKO Global, LLC. World Headquarters: 18000 W 105th St, Olathe, KS 66061 (P) 1.800.852.2217 (F) 1.800.492.8975
EiKO Global Canada, LLC: 81 King Street, Barrie, ON L4N 6B5 Canada (P) 1.888.410.8151 (F) 1.888.705.1335