

TL-VG Floodlight Series of LED Luminaires

Features and Benefits

- 100 and 150 Watt Low Power and High Performance
- Construction—Heavy-duty, corrosion-resistant, low-copper, die cast aluminum housing and stainless steel hardware provide strength and durability. A powder-coated finish and IP66 construction offers excellent resistance outdoors.
- LED's—High efficiency Cree XML2 LEDs achieving 4100K (70CRI) and 5700K (75CRI) LED's offer optimal performance with an efficacy of 90 lumens per watt.
- The LED's are mounted to a metal core PCB (printed circuit board) which is then mounted to a finned, aluminum heat sink using patented technology with optimized heat transfer that provides long LED operating life.
- Electrical—The Luminaires are available in 120-277V and 347-480V, 50/60Hz. Power Factor of >90%. Total Harmonic Distortion <10%. Exceeding Energy Star requirements, the VG conforms to industry and government performance mandates and standards. Efficacy of 90+ lumens per watt enables the VG to properly manage heat dissipation while enhancing performance and longevity.
- Optics—Designed to achieve NEMA class 7 distribution with a >130° beam spread light pattern.
- LED Rated Life (L75) -These components are rated for 54,000+ hours @ 25 °C (77 °F) ambient environment per LM-80, TM21.
- Protection/Ingress—All compartments, including LED's, drivers, and connections are IP66 certified.
- Photocontrol Options—Call factory for more details.
- Surge Protection—10kV/10kA (ANSI/IEEE C64.41.2) is standard and replaceable.
- 5 year limited factory warranty with other options available as required.*
- ETL, UL, RoHS, CSA, IP66, LM-79, LM-80, NEMA, IENSA, ASTM B117, Dark Sky, ARRA, and NAFTA compliant. DLC and NOM design compliance.



OUTDOOR
Cobra Head

Accessories

- Post top mount
- Double VG mount (pendant)
- Photocell

Applications

- Parking Areas
- Roadways
- Billboards
- Wall pack lighting
- Streets
- Any other space requiring reliable safety and security

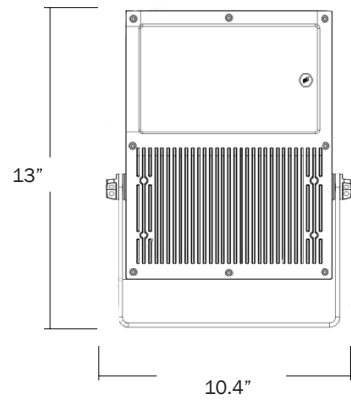
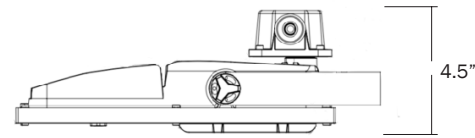
5 Year Warranty

Reduces Energy & Cost

No Lead or Mercury

Example: TL-VG14451SNXXX

Model:	LED Quantity:	CCT:	Distribution:	Voltage:	Color:
TL-VG	14	4= 4100K	0 = no secondary optics, 120°	1 = 120-277V	S = Silver
	20	6= 5700K			R = Bronze



Certifications:
FCC, RoHS, LM79, LM80



*For warranty terms please visit our website Trans-Lux.com

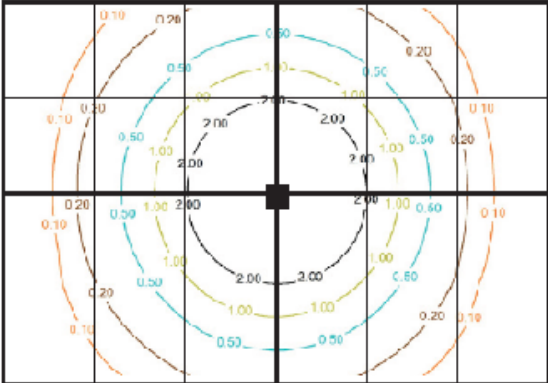


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Photometry

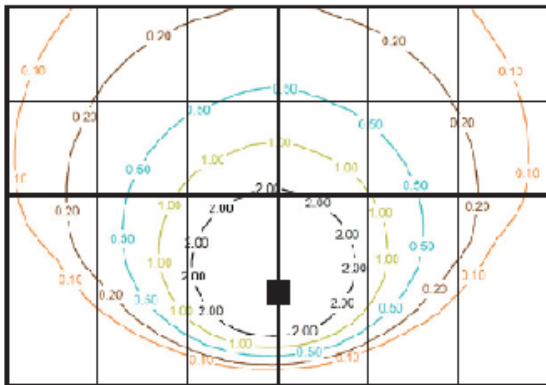
TL-VG20, 5700K, 25' Height Aimed Downward (Footcandles)



Luminaire indicated with a black square.
Each square is 25x25 ft.

	LCS Zone	Lumens	% of Luminaire
Forward Light	0 - +/- 30°	3,645	27%
	+/- 30 - +/- 60°	7,695	57%
	+/- 60 - +/- 80°	2,160	16%
	+/- 80 - +/- 90°	0	0%
Backward Light		0	0%
Total		13,500	100%

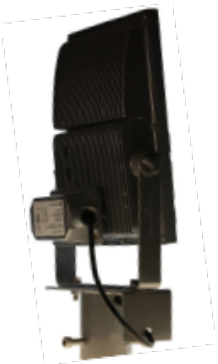
TL-VG20, 5700K, 25' Height Aimed 45° Below Horizon (Footcandles)



Luminaire indicated with a black square.
Each square is 25x25 ft.

Mounting

U-bracket for a variety of mounting options including ceiling, wall, and other configurations. Post-top bracket available for single, double, and multiple flood fixtures. Double pendant mount available for use as low, medium, and high bay.



Model:	Input Watts:	Input Current (A):			NWMA Type	4100K		5700K	
		120V	240V	277V		Lumens	Efficacy (LPW)	Lumens	Efficacy (LPW)
TL-VG14	100	0.83	0.42	0.36	7	9000	90	9000	90
TL-VG20	150	1.25	0.63	0.54	7	13500	90	13500	90

** LED B-U-G Rating (aimed straight down) is 3-0-1.

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