

Product Description:

Introducing the **RAZOR Series**, our latest addition to our LED shoebox lineup. The RAZOR has a thin, sleek design that can provide up to 170 lm/W, with field-rotatable optics, allowing the customer to adjust the light distribution as they see fit. The RAZOR has tool-less entry for easy installation as well as 6 different mounting options; as well as various accessories available such as a back light shield, dimming, photocell recptacle, an much more; giving our customers numerous options to fulfill their LED lighting needs.

Features:

- **Warranty:** 5 Years
- **Long Life:** 100,000+ hours
- **LED Driver:** Inventronics (100-277V), Meanwell (347-480V)
- **Operating Temperature:** -40°F ~ 122°F
- **Lens:** Polycarbonate
- **Certifications:** UL
- **Dimming:** 0-10V (standard)
- **Mounting Options:** Slipfitter, Adjustable Arm, Trunnion, Slide/Lock, Square Pole, Round Pole

Technical Data:

LED Source	Lumileds 5050
CRI	≥ 70 (>80 available)
IP Rating	IP66
CCT	3000K, 4000K, 5000K, 5700K, 6500K
Input Voltage	100-277V or 347-480V
Power Factor	>0.90

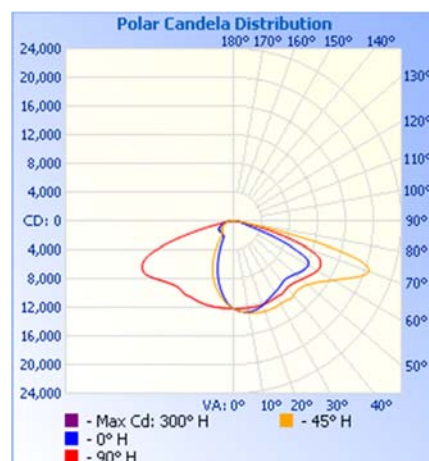
Specifications:

Fixture Model	Total Lumens (T4 / 50K / 70CRI)	Efficacy* (lm/w)	Weight (lb)	Dimensions (inches)	EPA (sq ft)	Beam Angle
RAZOR-75W	12,518.4 lm	>167 lm/W	11	23.0 x 10.6 x 2.2	1.45	Type-III (75-80° x 150°)
RAZOR-115W	19,318.0 lm	>168 lm/W	11	23.0 x 10.6 x 2.2		
RAZOR-145W	23,293.6 lm	>161 lm/W	11	23.0 x 10.6 x 2.2		
RAZOR-180W	30,647.2 lm	>170 lm/W	12	26.7 x 13.7 x 2.2	2.31	Type-IV (70-75° x 130°)
RAZOR-200W	32,620.3 lm	>163 lm/W	12	26.7 x 13.7 x 2.2		
RAZOR-230W	36,850.9 lm	>160 lm/W	12	26.7 x 13.7 x 2.2		
RAZOR-300W	44,968.3 lm	>150 lm/W	23	30.0 x 14.0 x 3.0	2.6	Type-V (150° x 150°)
RAZOR-420W	60,242.3 lm	>143 lm/W	23	30.0 x 14.0 x 3.0		

Lumen Chart

Model-Watts	Beam Angle	5000K				
		Lumens	LPW	B	U	G
RAZOR-75W	T3	12,469.8	166	2	1	2
	T4	12,518.4	167	3	0	2
	T5	12,707.6	169	4	0	2
RAZOR-115W	T3	18,253.1	159	3	0	2
	T4	19,318.0	168	3	0	3
	T5	18,575.8	162	4	0	2
RAZOR-145W	T3	21,867.3	151	3	0	3
	T4	23,293.6	161	3	0	3
	T5	22,178.5	153	5	0	3
RAZOR-180W	T3	30,279.4	168	3	0	3
	T4	30,647.2	170	3	0	4
	T5	31,141.5	173	5	0	4
RAZOR-200W	T3	32,440.5	162	4	0	3
	T4	32,620.3	163	4	0	4
	T5	33,571.8	168	5	0	4
RAZOR-230W	T3	36,747.8	160	4	0	3
	T4	36,850.9	160	4	0	4
	T5	36,053.9	157	5	0	4
RAZOR-300W	T3	43,997.8	147	4	0	4
	T4	44,968.3	150	4	0	5
	T5	44,459.1	148	5	0	4
RAZOR-420W	T3	60,028.5	143	4	0	5
	T4	60,242.3	143	4	0	5
	T5	60,912.3	145	5	0	5

Photometrics (RAZOR-300W/Type-IV):



Illuminance at a Distance

	Center Beam fc	Beam Width	
9.7ft	129 fc	14.0 ft	41.3 ft
19.3ft	32.7 fc	27.8 ft	82.1 ft
29.0ft	14.5 fc	41.8 ft	123.4 ft
38.7ft	8.12 fc	55.8 ft	164.6 ft
48.3ft	5.21 fc	69.7 ft	205.5 ft
58.0ft	3.62 fc	83.7 ft	246.7 ft

■ Vert. Spread: 71.6°
■ Horiz. Spread: 129.6°

Field-Rotatable Optics:



Ordering Guide:

RAZOR-145W	100-277V	BL	DM	50K	Type-III	SF	
Wattage: 75W 115W 145W 180W 200W 230W 300W 420W	Voltage: 100-277V 347-480V	Color: [BL]: Black (RAL:9005) [GR]: Gray* (RAL:9006/7016) [WH]: White* (RAL:9016) [BR]: Bronze (RAL:8028)	Dim: 0-10V	CCT: 30K 40K 50K 57K 65K	Beam Angle: Type-III (75-80°x150°) Type-IV (70-75°x130°) Type-V (150°)	Mounting: SF: Slipfitter 2 3/8" AA: Adjustable Arm TR: Trunnion SL: Slide/Lock SQ: Square Pole RP: Round Pole	Optional Accessories*: 3PCR: 3-Pin Photocell Receptacle 5PCR: 5-Pin Photocell Receptacle 7PCR: 7-Pin Photocell Receptacle SC: Shorting Cap 3PC: 3-Pin Photocell MS: PIR Motion Sensor 10kV: 10kV Surge Protector 20kV: 20kV Surge Protector

*additional fees may apply

