



Starkly

OUTDOOR | TEC SERIES

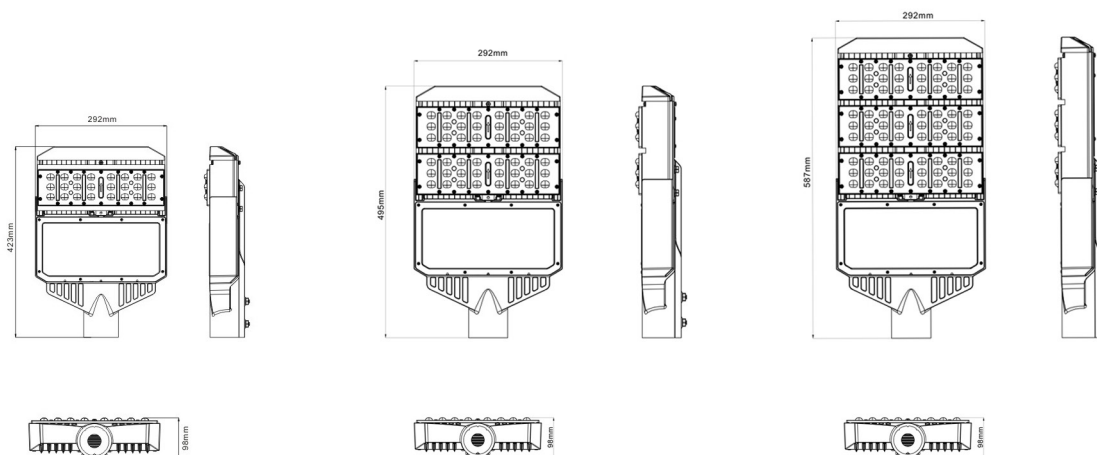
Outdoor luminaire with high-power LED. Instant start (without warm-up time) and flicker-free. Delivers a uniform and bright light, adjustable according to parking spaces and industrial applications lighting requirements. Extra wide 150° angle for maximum visual comfort. Uniform illuminated surface, reduces the impression of glare. IP65 factor integrated for resistance to weather conditions. Housing comes in gray to perfectly blend with the industrial and parking applications.

Features & Benefits

- CRI ≥ 70 as standard
- 2 color temperatures: 4000K and 6500K
- Long rated life: L80/B10@50.000h
- High IP factor: 65
- High efficiency: 125 lm/w@4000K

Applications

Grocery & Supermarkets | Office | Healthcare | Hospitality | DIY | Industrial & Logistics | Parking



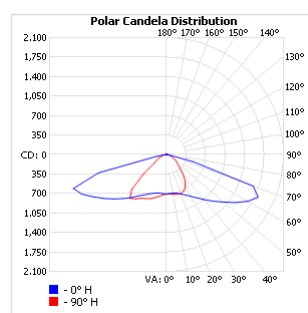
Specifications

Power consumption	30W, 50W, 60W, 70W, 80W, 90W	100W, 115W, 135W, 155W	175W, 190W, 210W
Dimensions	292 x 423 x 98 ± 1mm	292 x 495 x 98 ± 1mm	292 x 587 x 98 ± 1mm
Weight	6.5 kg	8.0 kg	10.2 kg
Housing materials	Aluminum & Polycarbonate		
IK code	IK08		
THD (at 230V, 50Hz, Full load)	<20%		
Protection class	Safety class 1		
Operating temperature [°C]	-40C...+65C/-40F...+149F		
Operating humidity [%]	10 ÷ 95		
Power factor	≥0.95		
AC Input [Vac]	90 - 305 VAC		
Lens angle [°]	150°		
Lifespan [h]	50,000		
Housing color	● Gray		
Lumen maintenance	L80/B10@50.000h at 25°C		
IP factor	IP65		
Control optional	-		
Warranty [years]	5		
Storage temperature range [°C]	-40C...+65C/-40F...+149F		
Emergency option	-		

Light application	Standard
CRI	CRI 70
CCT [K]	4000K/6500K
MacAdam	4

CRI - Color rendering, CCT - Color temperature, MacAdam - Color consistency

Light Distribution



A150

RISK GROUP

RG2

The evaluation of photobiological safety is carried out according to the standard IEC 62471:2008 (“Photobiological safety of lamps and lamp systems”). Following the definition of the risk grouping system of the mentioned IEC standard, the LEDs mounted on this family fall into the class “Moderate Risk (RG2)”. Under real circumstances (regarding exposure time, pupils, observation distance), it is assumed that there is no endangerment to the eye from these devices. As a matter of principle, however, it should be mentioned that intense light sources have a high secondary exposure potential due to their blinding effect.

TOLERANCES

Luminous flux tolerances: -/+ 5%

Consumption tolerance: -/+ 5% for TEC | -/+ 10% for TEC & KIT EM | -/+ 10% for ECO-DALI | -/+ 15% for ECO-DALI & KIT EM

BATTERY WARRANTY

TEC EM & ECO EM: 12 months warranty

TEC & ECO: -

MAXIMUM NO. OF LUMINAIRES ON A CIRCUIT

Power	Driver type	Control type	Circuit Breaker Type						
			Amperage	B			C		
				20	16	10	20	16	10
30W		TEC		12				20	
50W		TEC		9				16	
60-70W		TEC		3				6	
80-90W		TEC		4				8	
100-115W		TEC		5				9	
135W		TEC		4				7	
155-175W		TEC		4				7	
190-210W		TEC		2				4	

SKU SPECIFICATIONS

Product Code	Dimensions (mm)	CCT (K)	Lumens (lm)	Power (W)	Eff. (lm/watt)	Lens Angle (°)
CRI 70						
119000 Starkly 1M/4000/30W/70/A150	292 x 423 x 98 ± 1mm	4000	3750	30	125	150°
119001 Starkly 1M/6500/30W/70/A150	292 x 423 x 98 ± 1mm	6500	3940	30	132	150°
119002 Starkly 1M/4000/50W/70/A150	292 x 423 x 98 ± 1mm	4000	6000	50	120	150°
119003 Starkly 1M/6500/50W/70/A150	292 x 423 x 98 ± 1mm	6500	6300	50	126	150°
119004 Starkly 1M/4000/60W/70/A150	292 x 423 x 98 ± 1mm	4000	7410	60	124	150°
119005 Starkly 1M/6500/60W/70/A150	292 x 423 x 98 ± 1mm	6500	7800	60	130	150°
119006 Starkly 1M/4000/70W/70/A150	292 x 423 x 98 ± 1mm	4000	8380	70	120	150°
119007 Starkly 1M/6500/70W/70/A150	292 x 423 x 98 ± 1mm	6500	8820	70	126	150°
119008 Starkly 1M/4000/80W/70/A150	292 x 423 x 98 ± 1mm	4000	9350	80	117	150°
119009 Starkly 1M/6500/80W/70/A150	292 x 423 x 98 ± 1mm	6500	9840	80	123	150°
119010 Starkly 1M/4000/90W/70/A150	292 x 423 x 98 ± 1mm	4000	10260	90	114	150°
119011 Starkly 1M/6500/90W/70/A150	292 x 423 x 98 ± 1mm	6500	10800	90	120	150°
119012 Starkly 1M/4000/100W/70/A150	292 x 423 x 98 ± 1mm	4000	12350	100	124	150°
119013 Starkly 1M/6500/100W/70/A150	292 x 423 x 98 ± 1mm	6500	13000	100	130	150°
119014 Starkly 2M/4000/100W/70/A150	292 x 495 x 98 ± 1mm	4000	12350	100	124	150°
119015 Starkly 2M/6500/100W/70/A150	292 x 495 x 98 ± 1mm	6500	13000	100	130	150°
119016 Starkly 2M/4000/115W/70/A150	292 x 495 x 98 ± 1mm	4000	13770	115	120	150°
119017 Starkly 2M/6500/115W/70/A150	292 x 495 x 98 ± 1mm	6500	14490	115	126	150°
119018 Starkly 2M/4000/135W/70/A150	292 x 495 x 98 ± 1mm	4000	15775	135	117	150°
119019 Starkly 2M/6500/135W/70/A150	292 x 495 x 98 ± 1mm	6500	16605	135	123	150°
119020 Starkly 2M/4000/155W/70/A150	292 x 495 x 98 ± 1mm	4000	17670	155	114	150°
119021 Starkly 2M/6500/155W/70/A150	292 x 495 x 98 ± 1mm	6500	18600	155	120	150°
119024 Starkly 3M/4000/175W/70/A150	292 x 587 x 98 ± 1mm	4000	20950	175	120	150°
119025 Starkly 3M/6500/175W/70/A150	292 x 587 x 98 ± 1mm	6500	22050	175	126	150°
119026 Starkly 3M/4000/190W/70/A150	292 x 587 x 98 ± 1mm	4000	22205	190	117	150°
119027 Starkly 3M/6500/190W/70/A150	292 x 587 x 98 ± 1mm	6500	23370	190	123	150°
119028 Starkly 3M/4000/210W/70/A150	292 x 587 x 98 ± 1mm	4000	23940	210	114	150°
119029 Starkly 3M/6500/210W/70/A150	292 x 587 x 98 ± 1mm	6500	25200	210	120	150°

Technical specifications can be modified without prior notice. All information is property of Greentek Lighting.
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