

LED Model	5W	8W	12W	15W	20W	25W	30W	40W	45W	50W	60W	70W	80W
Recommended Mounting Pole Height	2.5-3.5 m	3-4m	3-4m	4-5m	4-6m	5-6m	6-7m	7-8m	7-8m	7-9m	7-9m	7-10m	7-10m
DISTANCE BETWEEN LIGHTS	7-9m	8-10m	8-10m	10-15m	18-20m	18-20m	18-20m	18-20m	18-20m	25-30m	25-30m	25-35m	25-35m
RADIUS OF AREA LIT	28m2	38m2	38m2	63m2	78m2	95m2	133m2	176m2	176m2	201m2	201m2	254m2	254m2
Color Temperature	6000k-65000k	6000k-6500k	6000k-6500k	6000k-6500k	6500k-7000k	6500k-7000k	6500k-7000k	6500k-7000k	6500k-7000k	6500k-7000k	6500k-7000k	6500k-7000k	6500k-7000k
Lumens	625-675lm	1000-1080lm	1500-1620lm	1872-2025lm	2500-2700lm	3125-3375lm	3750-4050lm	5000-5400lm	5625-6075lm	6250-6750lm	7500-8100lm	8750-9450lm	10000-10800lm
LED Life Time	50000 Hrs												
Battery Lifetime	5-8 Years												
Charge Time	6-7 Hours Strong Sunshine												
Discharge Time	full power 12 Hours/ half power 24 Hours						full power 15+ Hours/ half power 30+ Hours						
LED CHIP	Epistar (TIWAN)						Bridgelux (USA)						

LED Model	5W	8W	12W	15W	20W	25W	30W	40W	45W	50W	60W	70W	80W
Recommended Mounting Pole Height	8.2 - 11.5 ft	9.8 -13.1 ft	9.8 -13.1 ft	13.1-16.4 ft	13.1-19.7 ft	16.4-19.7 ft	19.7-23 ft	23-26.2 ft	23-26.2 ft	23-29.2 ft	23-29.2 ft	23-32.8 ft	23-32.8 ft
Recommended DISTANCE BETWEEN LIGHTS	23ft-29.5 ft	26.2-32.8 ft	26.2-32.8 ft	32.8-49.2 ft	59.1- 65.6 ft	59.1- 65.6 ft	59.1- 65.6 ft	59.1- 65.6 ft	59.1- 65.6 ft	82-98.4 ft	82-98.4 ft	82-114.8 ft	82-114.8 ft
RADIUS OF AREA LIT	91.9 ft2	124.7 ft2	124.7 ft2	206.7 ft2	255.9 ft2	311.7 ft2	436.4 ft2	577.4 ft2	577.4 ft2	659.4 ft2	659.4 ft2	833.3 ft2	833.3 ft2
Color Temperature	6000k-65000k	6000k-6500k	6000k-6500k	6000k-6500k	6500k-7000k	6500k-7000k	6500k-7000k	6500k-7000k	6500k-7000k	6500k-7000k	6500k-7000k	6500k-7000k	6500k-7000k
Lumens	625-675lm	1000-1080lm	1500-1620lm	1872-2025lm	2500-2700lm	3125-3375lm	3750-4050lm	5000-5400lm	5625-6075lm	6250-6750lm	7500-8100lm	8750-9450lm	10000-10800lm
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LED CHIP	Epistar (TIWAN)						Bridgelux (USA)						