

ARCADIA

Outdoor (20-Watt, Cree® XLamp® XRE LEDs)

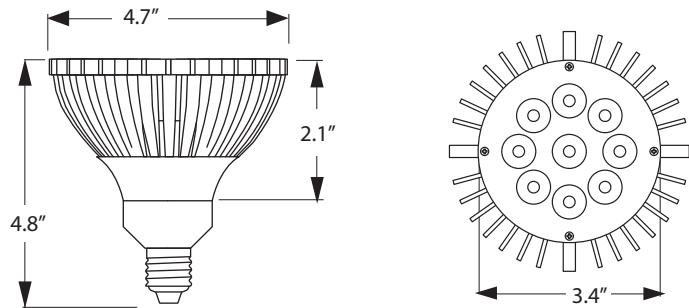
Type	Wattage
PAR-38	20 Watt
Max lumen output 1100	



- Outdoor Rated; IP65
- 2-Watt Cree® XLamp® XRE LEDs are used
- Universal voltage; accepts 100VAC to 240VAC
- No UV, no IR
- RoHS and CE compliant
- Neutral White LED bulbs are special order items.
- This bulb is not dimmable. Do not use with dimmers.

Power Consumption	LEDs 18 Watt, Total: 20 Watt
Comparable Bulb	120W Halogen PAR-38
LED Chip	2-Watt Cree® XLamp® XRE LEDs (9 LEDs)
Cool White	Lamp output: 1100 Lumen (LED: 1300 Lumen)
Warm White	Lamp output: 880 Lumen (LED: 1000 Lumen)
Beam Angle	Spot (8°), Narrow (21°), Flood (41°), Wide (approx. 88°) Wide-spot* (16°), Narrow-flood* (26°)
Bulb / Socket Type	PAR-38, E26/E27 (medium base)
Color Temperature	Cool white (5500~6500K) Warm white (2580-3500K) Neutral white (4000~4500K) (special order only)
Life Span¹	80,000 hours max.
Voltage	120V AC and 240V AC
Number of LEDs	9 LEDs
Housing	Aluminum
Operating Temperature	-20°C ~ 40°C

1 - Used in 25°C ambient temperature. At 80,000 Hours, the LED bulb brightness is at half of the initial light output.



ARCADIA

Outdoor (20-Watt, Cree® XLamp® XRE LEDs)



LUX & Spot Diameter Table

Sku #	Color Temp	Beam Spread	Candela cd/klm	Illumination (Lux)/Spot Diameter						
				30cm	50cm	100cm	150cm	200cm	250cm	280cm
LW10-5000-C18-CXX-W3K	Warm White	Spot (8°)	20724cd/klm	241027LUX/ø10cm	81961LUX/ø15cm	20724LUX/ø20cm	7864LUX/ø35cm	4168LUX/ø45cm	2770LUX/ø55cm	2340LUX/ø70cm
LW10-5000-C18-CXB-W3K*	Warm White	Wide-spot (16°)	7998cd/klm	101654LUX/ø20cm	31462LUX/ø35cm	7998LUX/ø67cm	3505LUX/ø80cm	1960LUX/ø105cm	1310LUX	985LUX
LW10-5000-C18-CXD-W3K	Warm White	Narrow (21°)	3905cd/klm	37444LUX/ø45cm	14264LUX/ø55cm	3905LUX/ø85cm	1748LUX/ø100cm	985LUX	637LUX	506LUX
LW10-5000-C18-CXE-W3K*	Warm White	Narrow Flood (8°)	1497cd/klm	15499LUX/ø50cm	6076LUX/ø60cm	1497LUX	673LUX	398LUX	249LUX	189LUX
LW10-5000-C18-CXF-W3K	Warm White	Flood (41°)	1259cd/klm	12854LUX/ø55cm	5128LUX/ø75cm	1259LUX	572LUX	319LUX	211LUX	171LUX
LW10-5000-C18-CXG-W3K	Warm White	Wide (88°)	293cd/klm	3144LUX	1155LUX	293LUX	135LUX	77.9LUX	51.5LUX	43LUX
LW10-5000-C18-CXX-W5K	Cool White	Spot (8°)	26160cd/klm	297728LUX/ø10cm	100721LUX/ø15cm	26160LUX/ø20cm	10800LUX/ø35cm	5576LUX/ø45cm	3768LUX/ø55cm	2989LUX/ø70cm
LW10-5000-C18-CXB-W5K*	Cool White	Wide Spot (16°)	10256cd/klm	130326LUX/ø20cm	40337LUX/ø35cm	10256LUX/ø67cm	4496LUX/ø80cm	2513LUX/ø105cm	1680LUX	1265LUX
LW10-5000-C18-CXD-W5K	Cool White	Narrow (21°)	5008cd/klm	48008LUX/ø45cm	18288LUX/ø55cm	5008LUX/ø85cm	2243LUX/ø100cm	1264LUX	817LUX	649.6LUX
LW10-5000-C18-CXE-W5K*	Cool White	Narrow Flood (26°)	1920cd/klm	19872LUX/ø50cm	7792LUX/ø60cm	1920LUX	864LUX	512LUX	321.6LUX	243.2LUX
LW10-5000-C18-CXF-W5K	Cool White	Flood (41°)	1614cd/klm	16480LUX/ø55cm	6576LUX/ø75cm	1614LUX	736LUX	409.6LUX	271.2LUX	220.16LUX
LW10-5000-C18-CXG-W5K	Cool White	Wide(88°)	376cd/klm	4032LUX	1481LUX	376LUX	174LUX	100LUX	66LUX	55LUX

*Wide-spot and Narrow-spot are available for special order only.