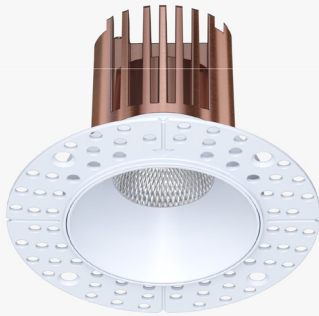


Project

Name/Address

Date



Aster Pro Round Trimless edition delivers seamless architectural integration with an exceptional 98 CRI, 5 finishes, compatible with either drywall or millwork ceilings, universal 120/277V dual-voltage capability, and multi-protocol dimming.

Installation / Housing

- New construction / Remodel
- Flat pan Frame / Hanger bar Frame
- Driver is serviceable from below the ceiling for post installation
- Drywall / Millwork Ceiling Compatible

Rating and Certifications

- Air Tight Rated
- IC Rated (Selective)
- Wet Location Rated (Module & Trim only)
- Title 24-JA8 Compliant
- ETL Listed
- FCC

Ceilings

- Drywall
- Millwork

Performance

Lumens	Up to 2720 Deliverd Lumens
Beam angle	35°, 42°, 53° and 78° beam angle options
CRI	98>

Power Specifications

Input volts	120-277V
Output volts	33-38V
Dimming	Triac Phase / ELV / 0-10V (5%)

Kelvin

- 2700k
- 3000k
- 3500k
- 1800K-3000k Warm Dim

Beam Angle



Spot



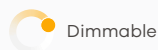
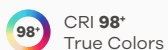
Medium



Wide



Flood



3" Round Trimless Architectural Downlight Product Builder

Order Product Number

Example: AP3.ORDTL/NC/DRW/12/27/98/CL/NS/WH

Model	Mounting	Ceiling Material	Watt
AP3.ORDTL	NC New construction pan	DRW Drywall Mud-in	12 12 Watt
	NCB New construction pan with bracket	MW Millwork trimless	15 15 Watt
	RM Remodel		28 28 Watt ^{*1}

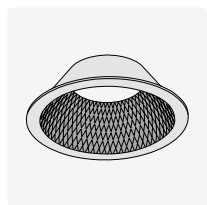
Kelvin	CRI	Optic
27 2700K	98 CRI 98	CL Clear lens
30 3000K		FR Frost optic ^{*3}
35 3500K		SIR Silver reflector ^{*4}
DTW Warm dim (1800K - 3000K) ^{*2}		

Beam	Media (optional)	Finish
NS Narrow spot 35°	HC Honeycomb	WH White
MS Medium spot 42°	SL Solite	BL Black
WS Wide spot 53°	PR Prismatic	BZ Bronze
WFL Wide flood spot 78°	LR Linear	BN Brushed Nickel
		BB Brushed Brass

Notes

- ^{*1} Not IC (insulation contact) rated.
- ^{*2} Available at 12w or 15W only.
- ^{*3} Available in 78° only.
- ^{*4} Available in 35 or 53° only.

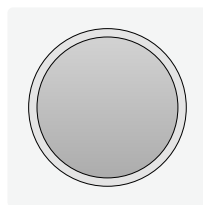
Optic and Media



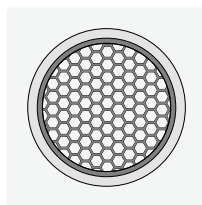
Silver reflector



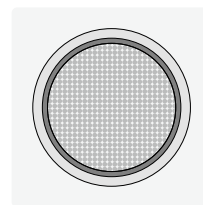
Clear lens



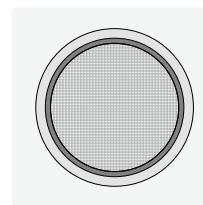
Frost optic



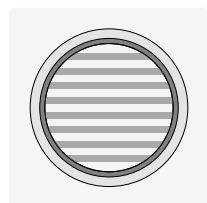
Honeycomb



Solite



Prismatic



Linear

Trim Finish



WH White



BL Black



BZ Bronze

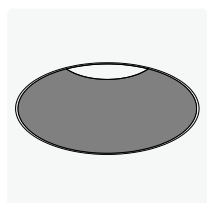


BN Brushed Nickel

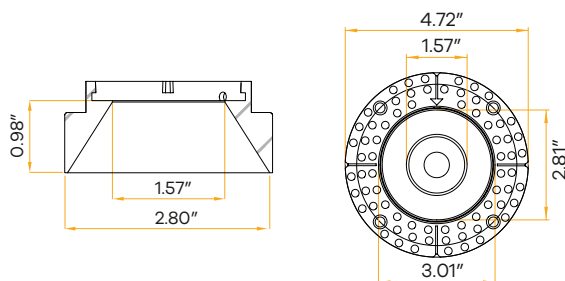


BB Brushed Brass

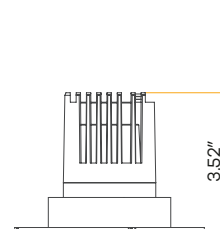
Trim Options



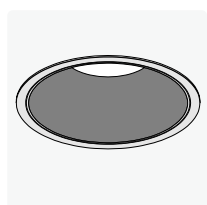
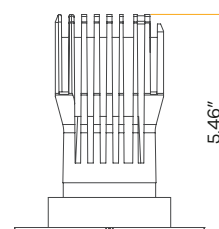
Drywall



12W



15/28W



Millwork

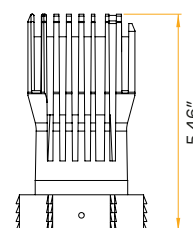
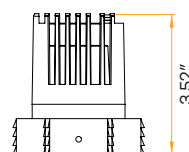
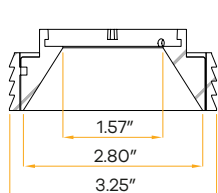
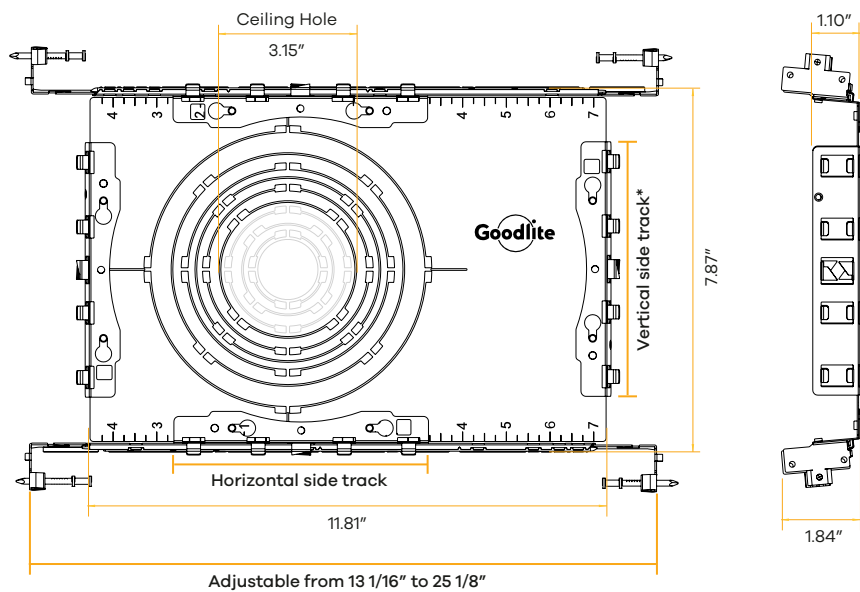


Plate Line Drawings

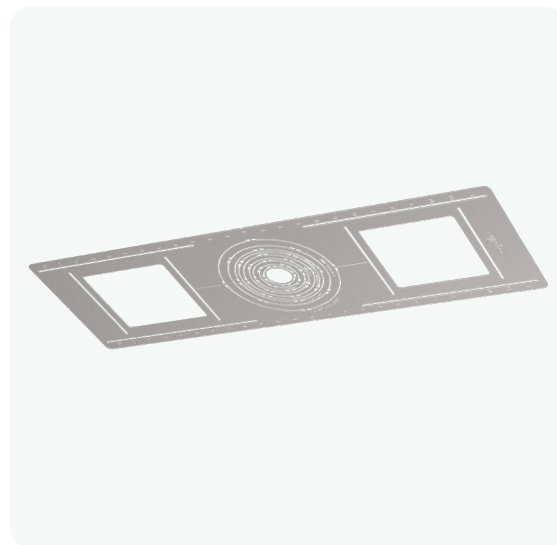
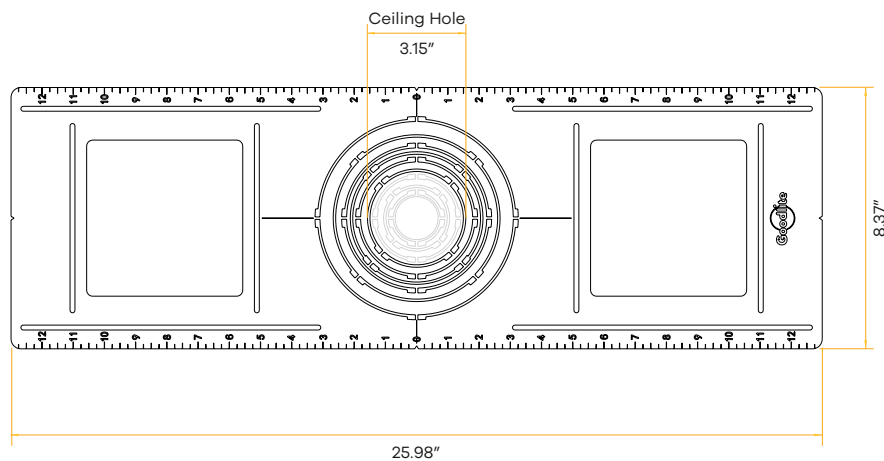
Construction Pan With Bracket - For Drywall use



*Note: Bracket can be shortened to 7.87" while using vertical side tracks

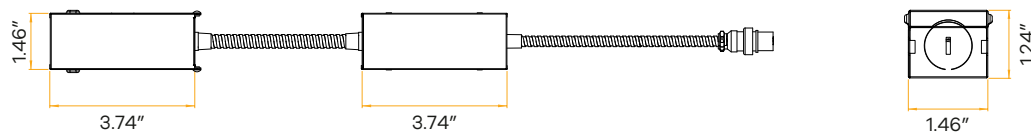


Construction Pan - For Drywall use

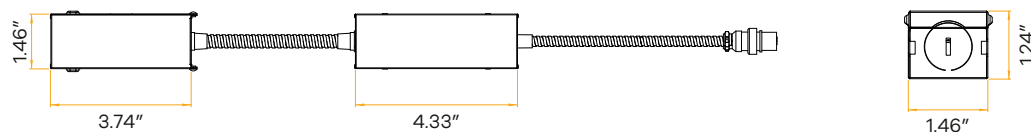


Engine Line Drawing

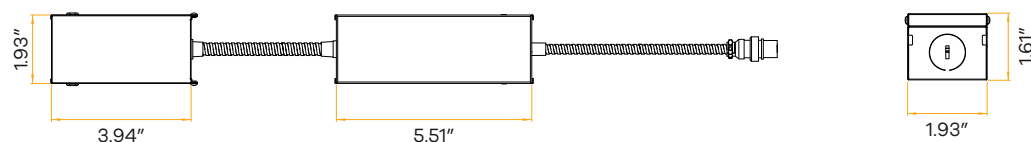
12W Driver



15W Driver



28W Driver



Dimmer Compatibility List

Brand	Load	Model	Brand	Load	Model
LUTRON	150W	LECL-153P	LUTRON	300W	DVELV-300P
		CTCL-150H			SELVB-300P
		LGCL-153PLH		600W	MACL-153M
		CTCL-153P			MRF2-600M
		SCL-153P			DVLV603
		PD-6WCL			MA-600
		PD-5NE	LEVITON	150W	IPL06
		DVCL-153P			6672
		TGCL-153P			6674
		AYCL-153P			RDL06-10Z
		MSCL-OP153M			RNL06-10Z
		STCL-153M		300W	DSL06-1LZ
		DVRF-6L			D26HD
	250W	PD-10NXD	PASS & SEYMOUR	250W	LSCL450W
		DVCL253			WSCL450W
		DVRP-253	EATON	300W	DDE06-BLZ
		MRF2S-6CL			AAL06

0-10V Dimming

Brand	Model
LUTRON	DVSTV
	DVSCTV
LEVITON	IP710-DLZ
	DS710-10Z
LEGRAND	RH4FBL3P
COOPER	SF10P

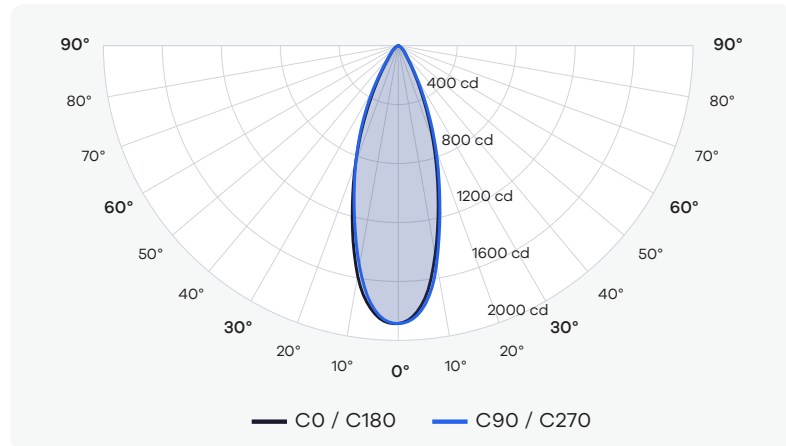
Delivered Lumens Martix

White Trim 98CRI Report

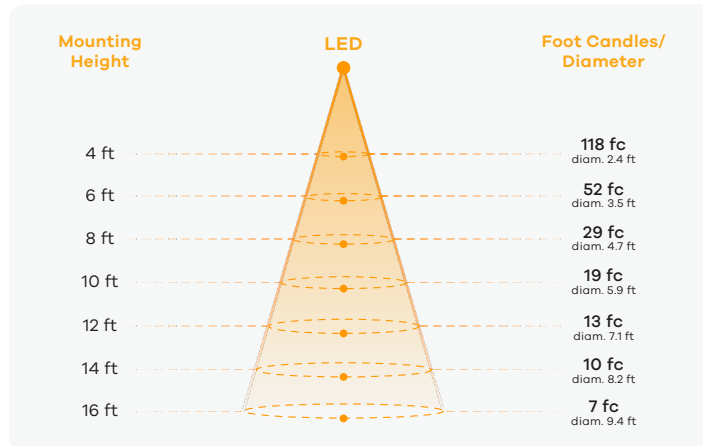
Wattage	Color Temperature	Clear Lens			Silver Reflector	
		35°	42°	53°	34°	58°
12W	2700K (98CRI)	884LM	859LM	982LM	964LM	975LM
	3000K (98CRI)	1003LM	974LM	1111LM	1057LM	1090LM
	3500K (98CRI)	1000LM	974LM	1117LM	1094LM	1123LM
15W	2700K (98CRI)	1116LM	1124LM	1276LM	1265LM	1290LM
	3000K (98CRI)	1291LM	1291LM	1441LM	1404LM	1416LM
	3500K (98CRI)	1267LM	1280LM	1446LM	1442LM	1496LM
28W	2700K (98CRI)	2112LM	2130LM	2364LM	2306LM	2332LM
	3000K (98CRI)	2387LM	2434LM	2642LM	2510LM	2569LM
	3500K (98CRI)	2363LM	2406LM	2609LM	2580LM	2648M

White Trim (2700K, 98CRI, 35°-Clear, 12W)

Polar Plot



Cone of Light Tabulation



Power Information

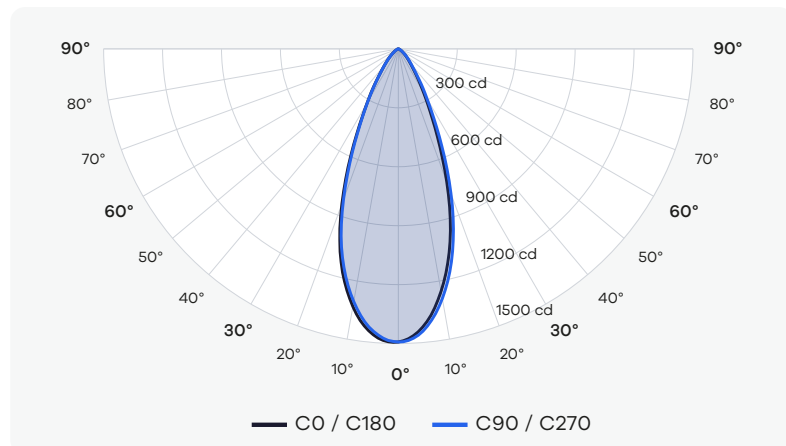
Voltage	119.84 V
Current	0.08936 A
Power	10.5 W
Power Factor	0.9776

Summary of Results

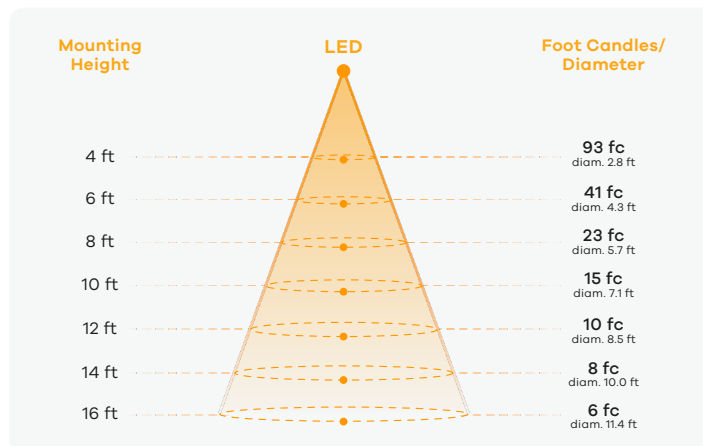
Spacing Criteria	0 - 180: 0.29	90 - 270: 0.29	Zone	Lumens	% of Luminaire
Total Lumen Output	884 LM		0 - 40	717	90%
Luminaire Efficacy	74 LM/W		0 - 60	784	99%
Maximun Candela	1886 CD		0 - 80	795	100%

White Trim (2700K, 98CRI, 42°-Clear, 12W)

Polar Plot



Cone of Light Tabulation



Power Information

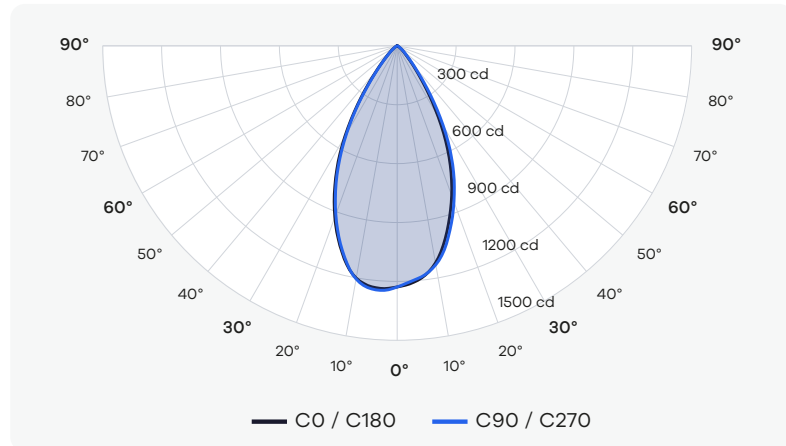
Voltage	119.72 V
Current	0.08974 A
Power	10.5 W
Power Factor	0.9776

Summary of Results

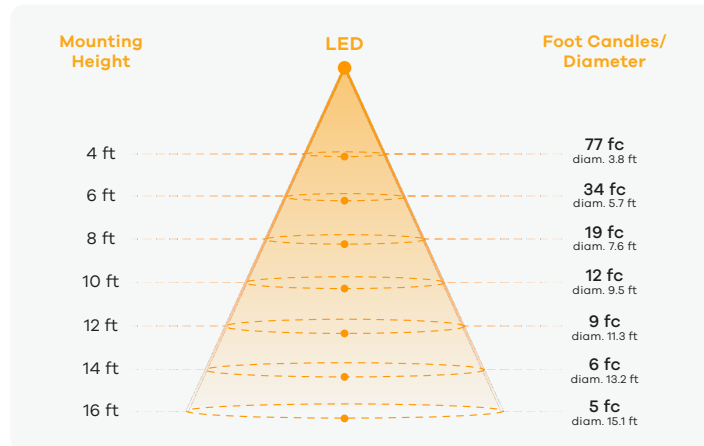
Spacing Criteria	0 - 180: 0.36	90 - 270: 0.36	Zone	Lumens	% of Luminaire
Total Lumen Output	859 LM		0 - 40	711	90%
Luminaire Efficacy	72 LM/W		0 - 60	782	98%
Maximun Candela	1492 CD		0 - 80	794	100%

White Trim (2700K, 98CRI, 53°-Clear, 12W)

Polar Plot



Cone of Light Tabulation



Power Information

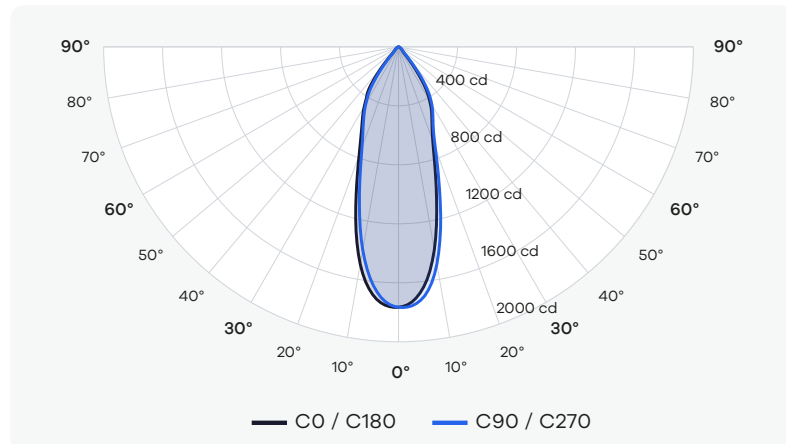
Voltage	119.74 V
Current	0.08963 A
Power	10.5 W
Power Factor	0.9776

Summary of Results

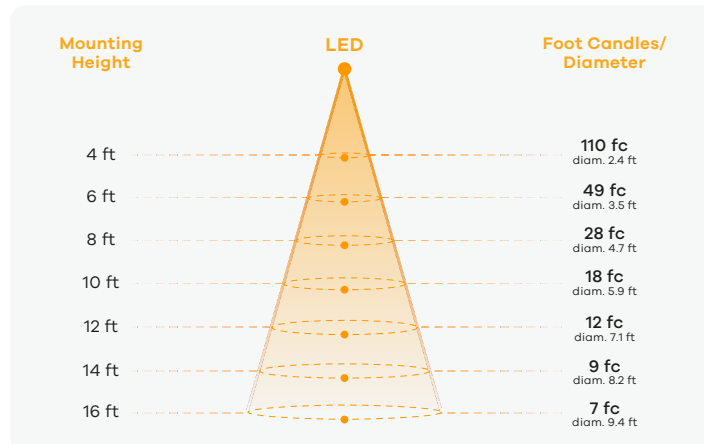
Spacing Criteria	0 - 180: 0.47	90 - 270: 0.47	Zone	Lumens	% of Luminaire
Total Lumen Output	982 LM		0 - 40	816	92%
Luminaire Efficacy	82 LM/W		0 - 60	881	99%
Maximun Candela	1228 CD		0 - 80	890	100%

White Trim (2700K, 98CRI, 34°-Silver Reflector, 12W)

Polar Plot



Cone of Light Tabulation



Power Information

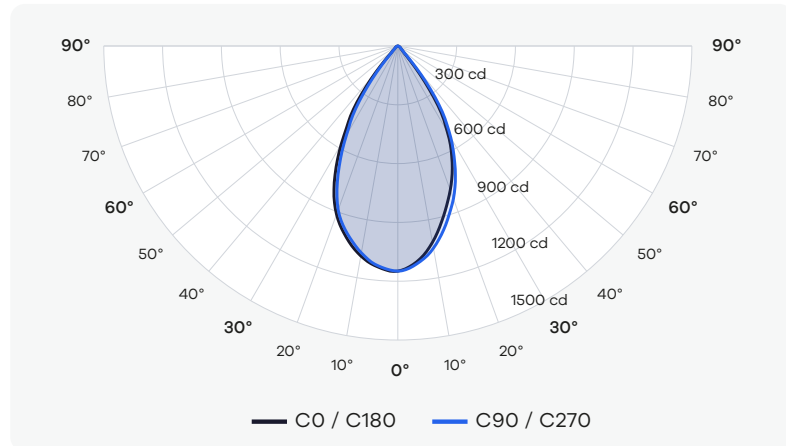
Voltage	119.74 V
Current	0.08953 A
Power	10.5 W
Power Factor	0.9776

Summary of Results

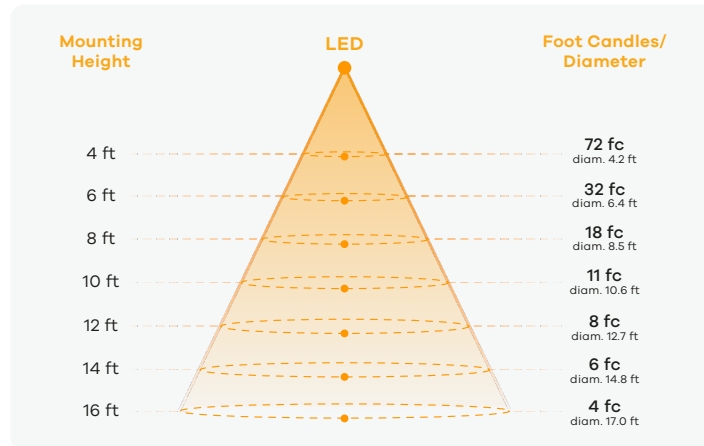
Spacing Criteria	0 - 180: 0.29	90 - 270: 0.29	Zone	Lumens	% of Luminaire
Total Lumen Output	964 LM		0 - 40	832	93%
Luminaire Efficacy	80 LM/W		0 - 60	883	98%
Maximun Candela	1766 CD		0 - 80	897	100%

White Trim (2700K, 98CRI, 58°-Silver Reflector, 12W)

Polar Plot



Cone of Light Tabulation



Power Information

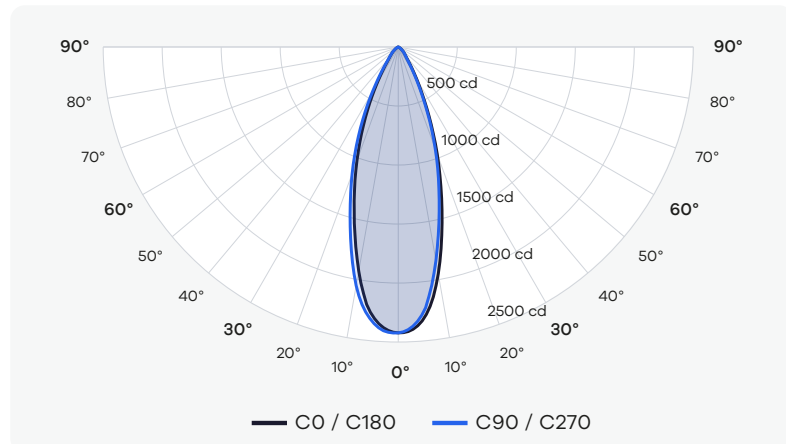
Voltage	119.74 V
Current	0.08949 A
Power	10.5 W
Power Factor	0.9776

Summary of Results

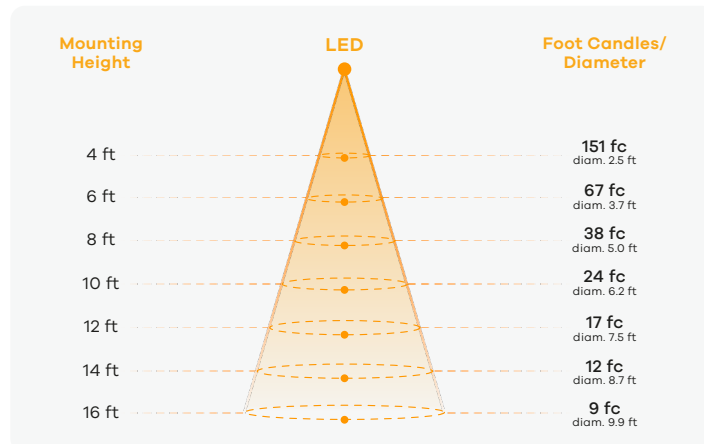
Spacing Criteria	0 - 180: 0.53	90 - 270: 0.53	Zone	Lumens	% of Luminaire
Total Lumen Output	975 LM		0 - 40	844	93%
Luminaire Efficacy	81 LM/W		0 - 60	889	98%
Maximun Candela	1149 CD		0 - 80	902	100%

White Trim (2700K, 98CRI, 35°-Clear, 15W)

Polar Plot



Cone of Light Tabulation



Power Information

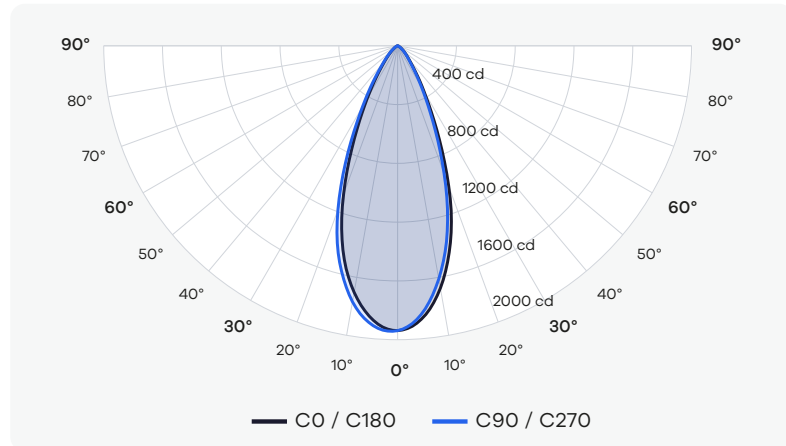
Voltage	119.73 V
Current	0.1164 A
Power	13.6 W
Power Factor	0.9781

Summary of Results

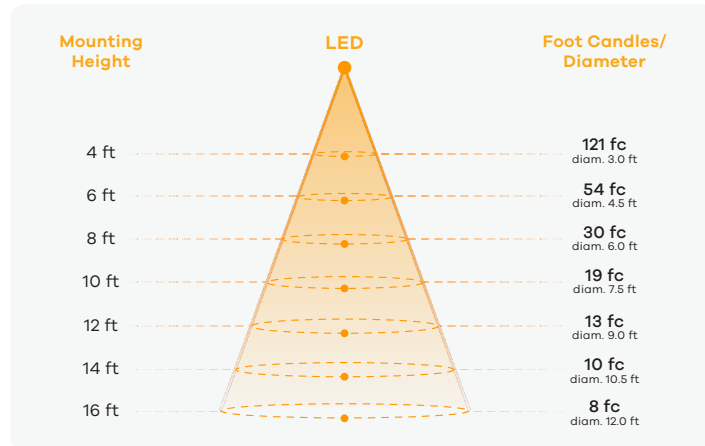
Spacing Criteria	0 - 180: 0.31	90 - 270: 0.31	Zone	Lumens	% of Luminaire
Total Lumen Output	1116 LM		0 - 40	976	91%
Luminaire Efficacy	74 LM/W		0 - 60	1056	99%
Maximun Candela	2422 CD		0 - 80	1070	100%

White Trim (2700K, 98CRI, 42°-Clear, 15W)

Polar Plot



Cone of Light Tabulation



Power Information

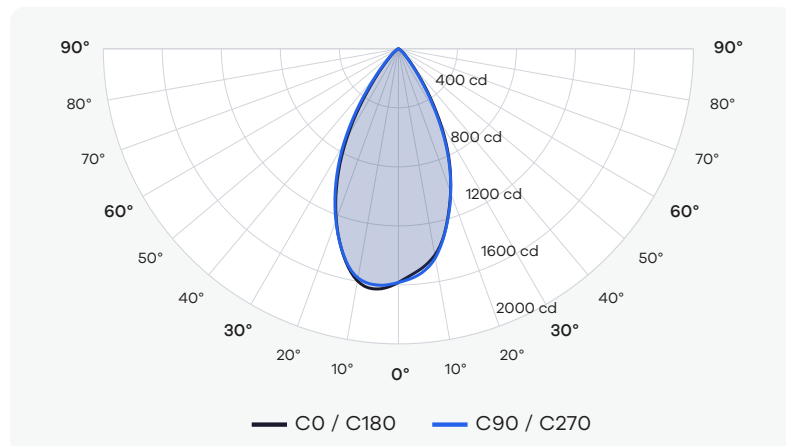
Voltage	119.71 V
Current	0.1166 A
Power	13.7 W
Power Factor	0.9781

Summary of Results

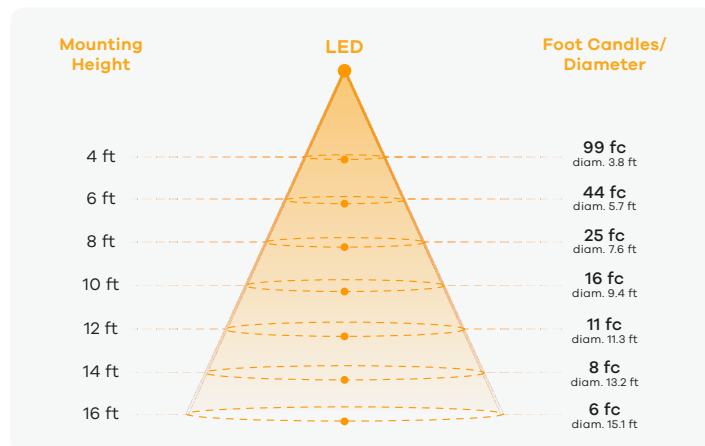
Spacing Criteria	0 - 180: 0.38	90 - 270: 0.38	Zone	Lumens	% of Luminaire
Total Lumen Output	1124 LM		0 - 40	973	90%
Luminaire Efficacy	75 LM/W		0 - 60	1061	98%
Maximun Candela	1938 CD		0 - 80	1076	100%

White Trim (2700K, 98CRI, 53°-Clear, 15W)

Polar Plot



Cone of Light Tabulation



Power Information

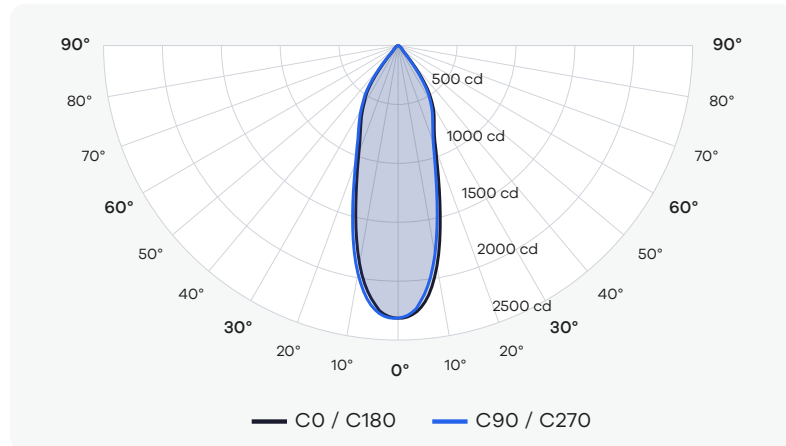
Voltage	119.71 V
Current	0.1167 A
Power	13.7 W
Power Factor	0.9781

Summary of Results

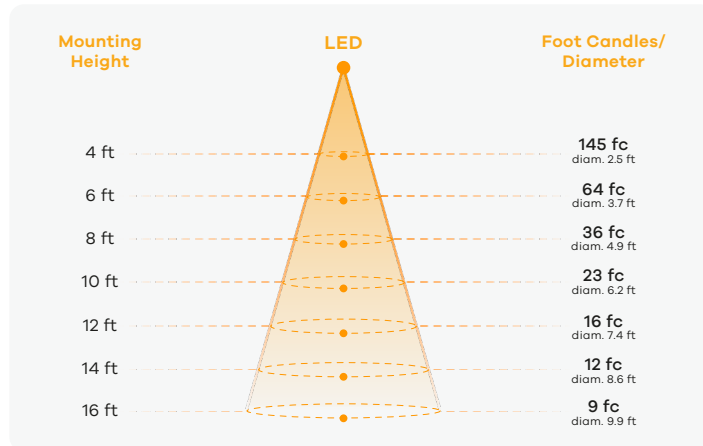
Spacing Criteria	0 - 180: 0.47	90 - 270: 0.47	Zone	Lumens	% of Luminaire
Total Lumen Output	1276 LM		0 - 40	1051	91%
Luminaire Efficacy	85 LM/W		0 - 60	1140	99%
Maximun Candela	1584 CD		0 - 80	1154	100%

White Trim (2700K, 98CRI, 34°-Silver Reflector, 15W)

Polar Plot



Cone of Light Tabulation



Power Information

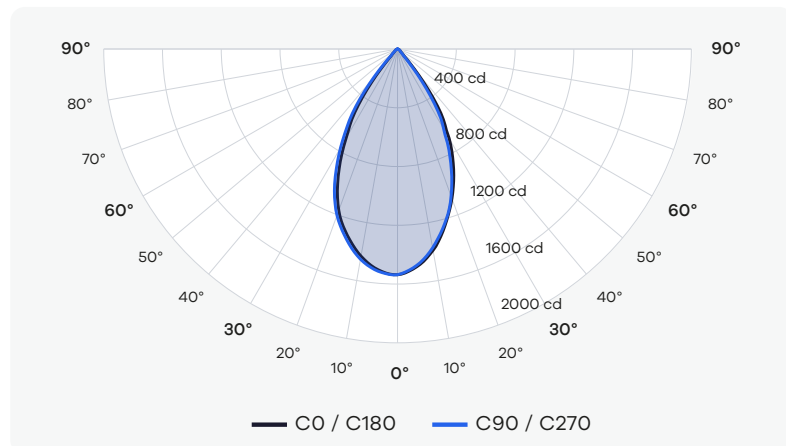
Voltage	119.72 V
Current	0.1168 A
Power	13.7 W
Power Factor	0.9781

Summary of Results

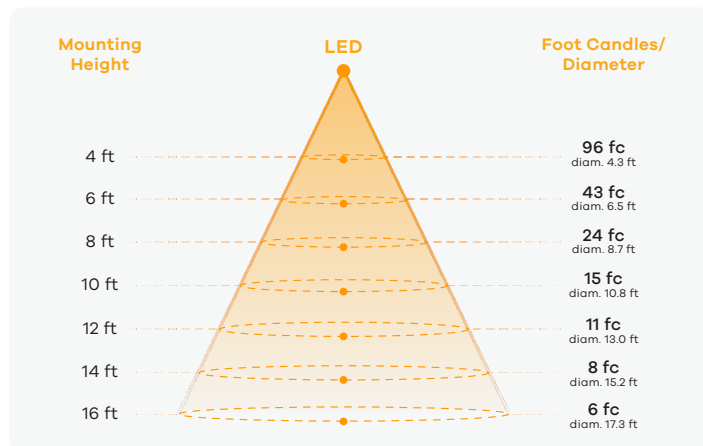
Spacing Criteria	0 - 180: 0.31	90 - 270: 0.31	Zone	Lumens	% of Luminaire
Total Lumen Output	1265 LM		0 - 40	1154	92%
Luminaire Efficacy	84 LM/W		0 - 60	1228	98%
Maximum Candela	2314 CD		0 - 80	1248	100%

White Trim (2700K, 98CRI, 57°-Silver Reflector, 15W)

Polar Plot



Cone of Light Tabulation



Power Information

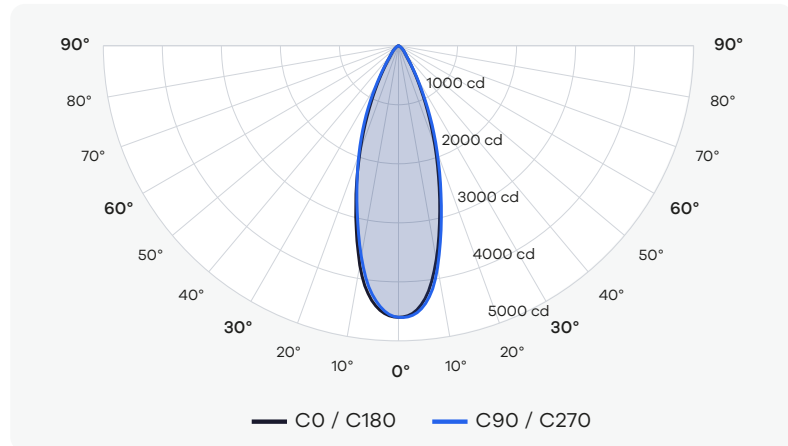
Voltage	119.72 V
Current	0.1171 A
Power	13.7 W
Power Factor	0.9780

Summary of Results

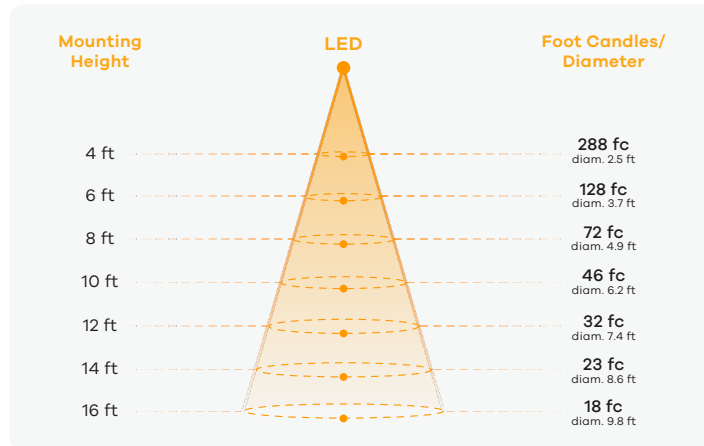
Spacing Criteria	0 - 180: 0.54	90 - 270: 0.54	Zone	Lumens	% of Luminaire
Total Lumen Output	1290 LM		0 - 40	1177	93%
Luminaire Efficacy	86 LM/W		0 - 60	1247	98%
Maximum Candela	1537 CD		0 - 80	1265	100%

White Trim (2700K, 98CRI, 35°-Clear, 28W)

Polar Plot



Cone of Light Tabulation



Power Information

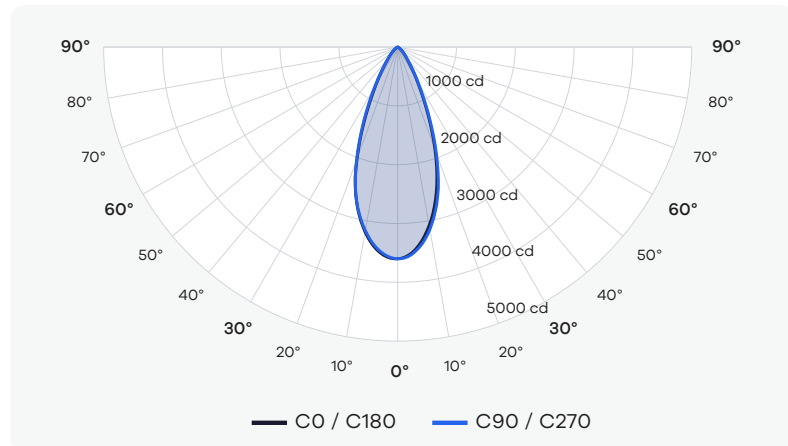
Voltage	119.67 V
Current	0.2306 A
Power	27.1 W
Power Factor	0.9816

Summary of Results

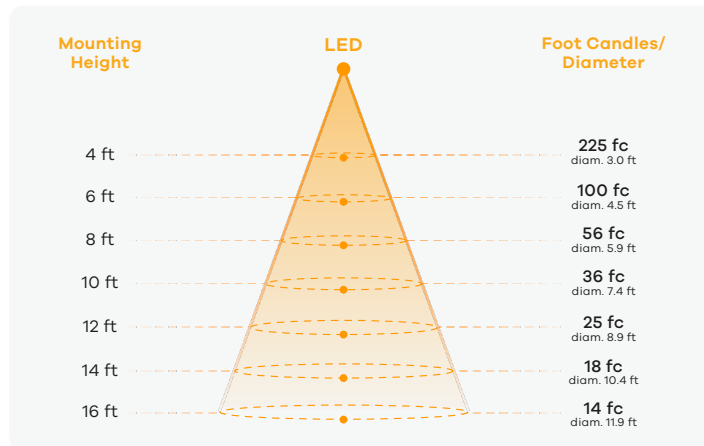
Spacing Criteria	0 - 180: 0.31	90 - 270: 0.31	Zone	Lumens	% of Luminaire
Total Lumen Output	2112 LM		0 - 40	1840	91%
Luminaire Efficacy	75 LM/W		0 - 60	1989	99%
Maximun Candela	4601 CD		0 - 80	2014	100%

White Trim (2700K, 98CRI, 42°-Clear, 28W)

Polar Plot



Cone of Light Tabulation



Power Information

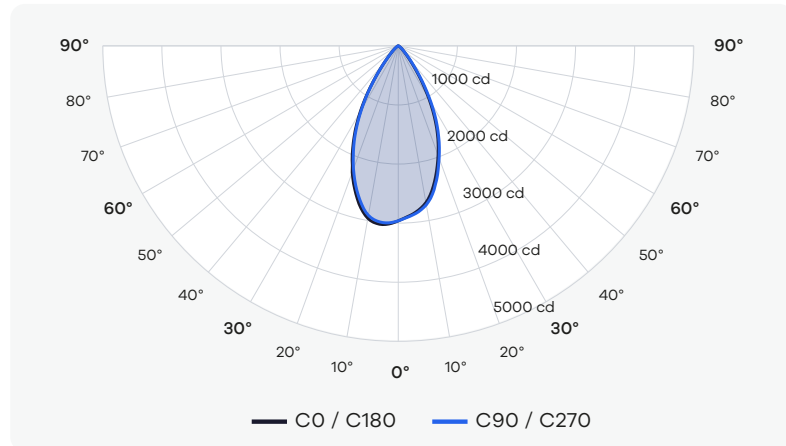
Voltage	119.70 V
Current	0.2301 A
Power	27.0 W
Power Factor	0.9815

Summary of Results

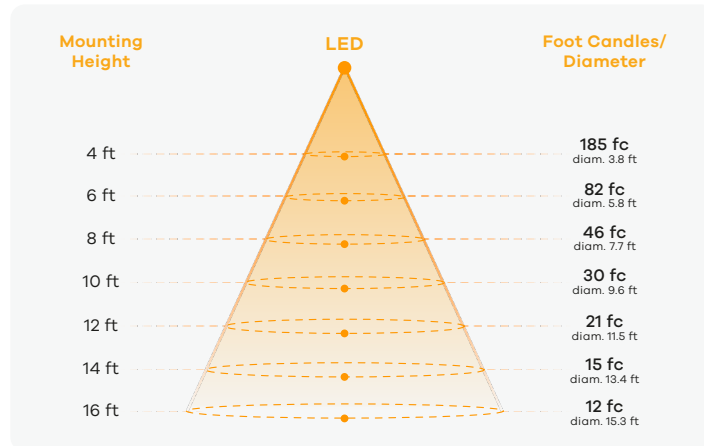
Spacing Criteria	0 - 180: 0.37	90 - 270: 0.37	Zone	Lumens	% of Luminaire
Total Lumen Output	2130 LM		0 - 40	1787	91%
Luminaire Efficacy	76 LM/W		0 - 60	1942	99%
Maximun Candela	3600 CD		0 - 80	1969	100%

White Trim (2700K, 98CRI, 53°-Clear, 28W)

Polar Plot



Cone of Light Tabulation



Power Information

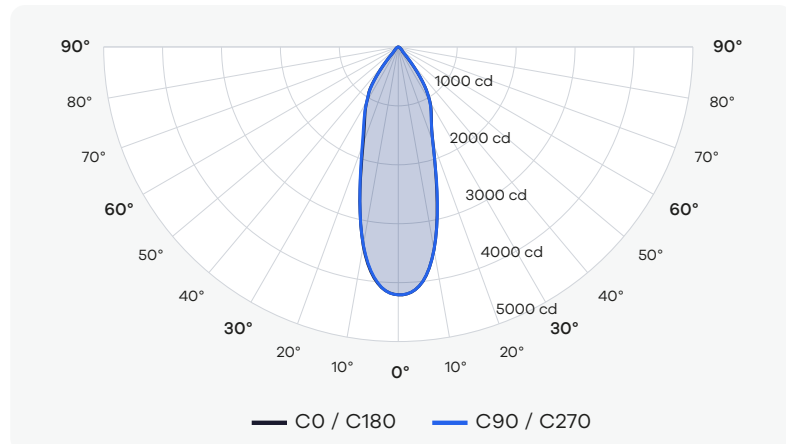
Voltage	119.69 V
Current	0.2299 A
Power	27.0 W
Power Factor	0.9815

Summary of Results

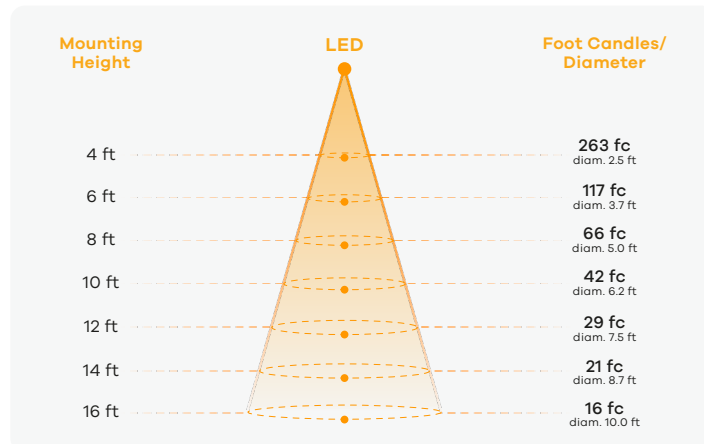
Spacing Criteria	0 - 180: 0.48	90 - 270: 0.48	Zone	Lumens	% of Luminaire
Total Lumen Output	2364 LM		0 - 40	1995	92%
Luminaire Efficacy	84 LM/W		0 - 60	2152	99%
Maximun Candela	2961 CD		0 - 80	2176	100%

White Trim (2700K, 98CRI, 34°-Silver Reflector, 28W)

Polar Plot



Cone of Light Tabulation



Power Information

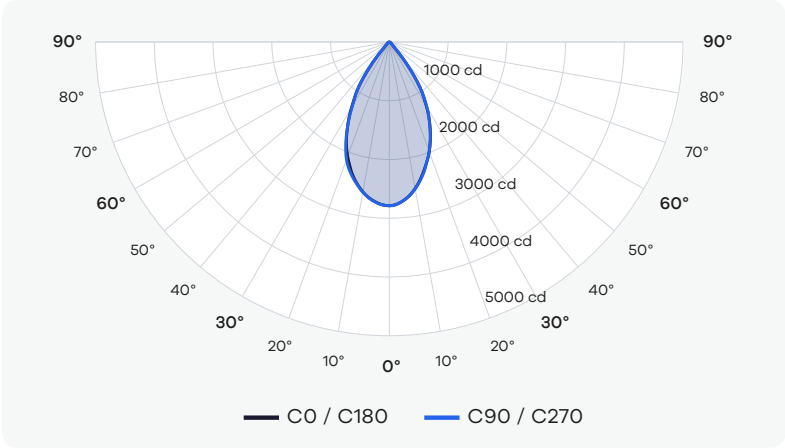
Voltage	119.68 V
Current	0.2297 A
Power	27.0 W
Power Factor	0.9815

Summary of Results

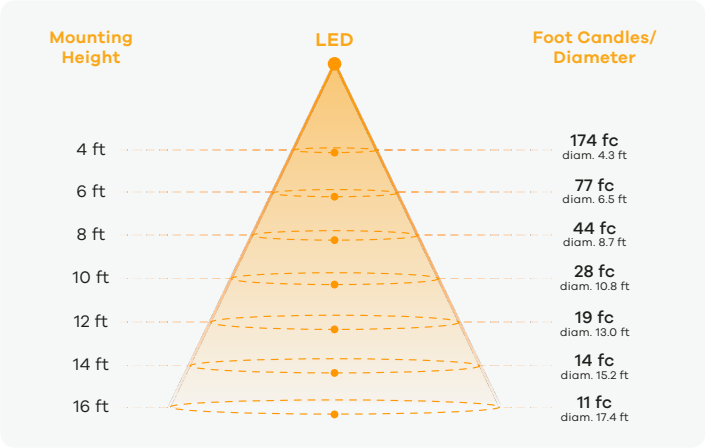
Spacing Criteria	0 - 180: 0.31	90 - 270: 0.31	Zone	Lumens	% of Luminaire
Total Lumen Output	2306 LM		0 - 40	2109	93%
Luminaire Efficacy	82 LM/W		0 - 60	2241	98%
Maximun Candela	4207 CD		0 - 80	2277	100%

White Trim (2700K, 98CRI, 57°-Silver Reflector, 28W)

Polar Plot



Cone of Light Tabulation



Power Information

Voltage	119.70 V
Current	0.2297 A
Power	27.0 W
Power Factor	0.9815

Summary of Results

Spacing Criteria	0 - 180: 0.54	90 - 270: 0.54	Zone	Lumens	% of Luminaire
Total Lumen Output	2332 LM		0 - 40	2136	93%
Luminaire Efficacy	83 LM/W		0 - 60	2256	99%
Maximun Candela	2787 CD		0 - 80	2287	100%