

Aster Pro Round Trimmed edition delivers seamless architectural integration with an exceptional 98 CRI, 9 finishes, 7 trim styles, 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

## Rating and Certifications

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

## Trims

- Fixed
- Adjustable
- Gimbal
- Pinhole
- Regressed/Flush
- Smooth/Baffle

## Performance

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

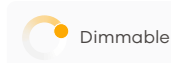
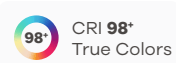
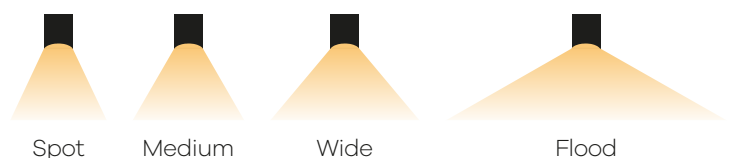
## Power Specifications

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



## 3" Round Trimmed Architectural Downlight Product Builder

Order Product Number

Example: AP3.0RDTLM/NC/TL/12/27/98/NS/CL/SG/WH

Model	Mounting	Watt
AP3.0RDT	<b>NC</b> New construction pan	<b>12</b> 12 Watt
	<b>NCB</b> New construction pan with bracket	<b>15</b> 15 Watt
	<b>RM</b> Remodel	<b>28</b> 28 Watt <sup>*1</sup>

Kelvin	CRI	Optic	Beam
<b>27</b> 2700K	<b>98</b> CRI 98	<b>CL</b> Clear lens	<b>NS</b> Narrow spot 35°
<b>30</b> 3000K		<b>FR</b> Frost optic <sup>*3</sup>	<b>MS</b> Medium spot 42°
<b>35</b> 3500K		<b>SIR</b> Silver reflector <sup>*4</sup>	<b>WS</b> Wide spot 53°
<b>DTW</b> Warm dim (1800K - 3000K) <sup>*2</sup>		<b>WFL</b> Wide flood spot 78°	

Media (optional)	Trim	Bevel	Finish
<b>HC</b> Honeycomb	<b>ST</b> Standard	<b>SR</b> Smooth regress	<b>WH</b> White
<b>SL</b> Solite	<b>NR</b> Narrow <sup>*5*6</sup>	<b>SS</b> Smooth shallow regress <sup>*6</sup>	<b>BL</b> Black
<b>PR</b> Prismatic	<b>PH</b> Pinhole <sup>*5*6</sup>	<b>SU</b> Smooth ultra shallow regress <sup>*6</sup>	<b>BW</b> Black / White
<b>LR</b> Linear	<b>WV</b> Wave <sup>*5*6</sup>	<b>BR</b> Baffle regress <sup>*7</sup>	<b>HZ</b> Haze
			<b>BZ</b> Bronze
			<b>BN</b> Brushed Nickel
			<b>BB</b> Brushed Brass
			<b>BC</b> Brushed Copper
			<b>CM</b> Custom

### Notes

**\*1** Not IC (insulation contact) rated.

**\*2** Available at 12w or 15W only.

**\*3** Available in 78° only.

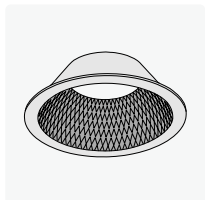
**\*4** Available in 35 or 53° only.

**\*5** Available in smooth regress bevel only.

**\*6** Available in white or black finishes only.

**\*7** Available in white finish only.

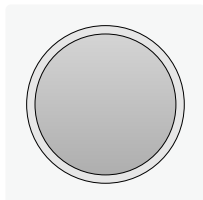
### Optic and Media



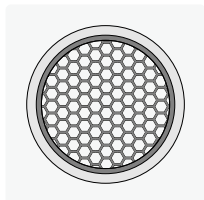
Silver reflector



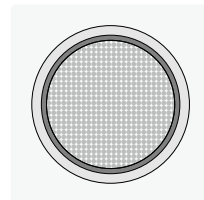
Clear lens



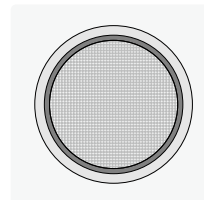
Frost optic



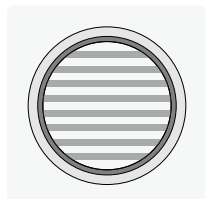
Honeycomb



Solite



Prismatic



Linear

### Trim Finish



WH White



BL Black



BW Black / White



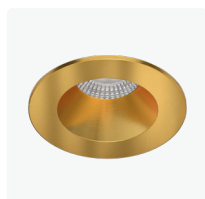
HZ Haze



BZ Bronze



BN Brushed Nickel



BB Brushed Brass

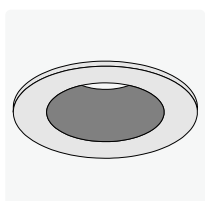


BC Brushed Copper

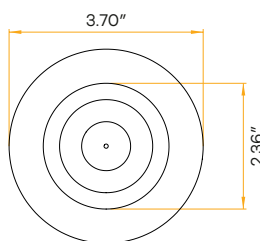
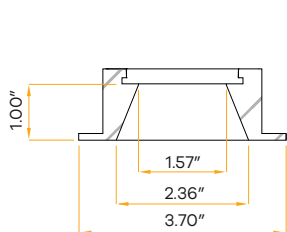


CM Custom

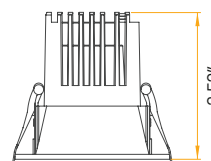
### Trim Options



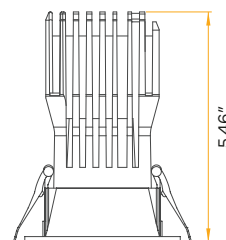
Standard




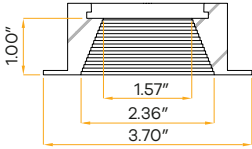
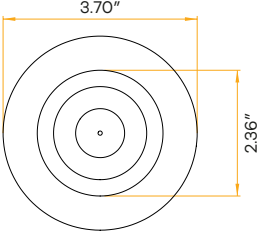
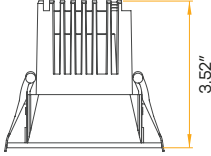
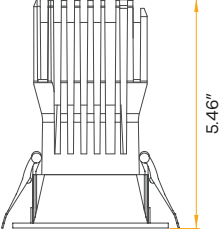
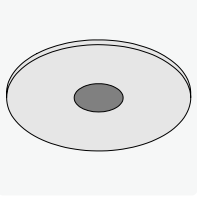
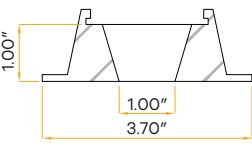
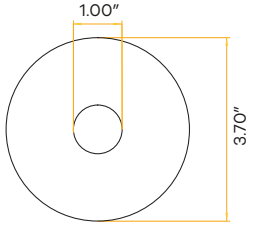
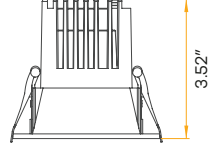
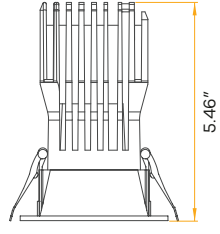
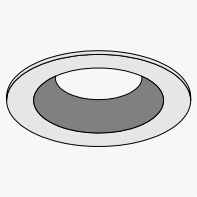
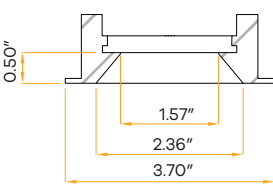
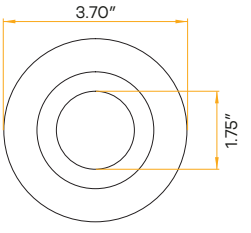
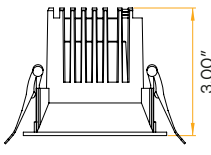
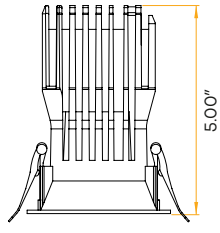
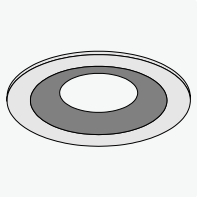
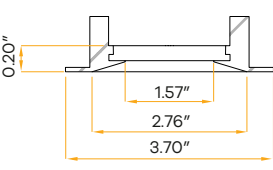
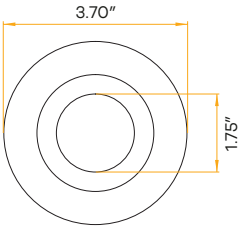
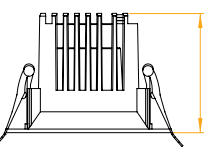
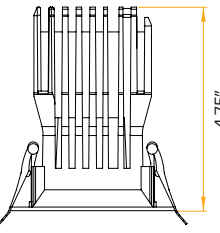
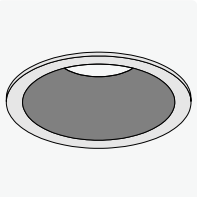
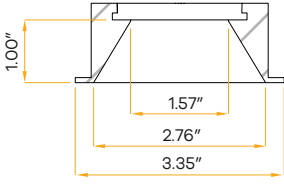
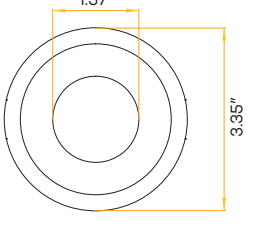
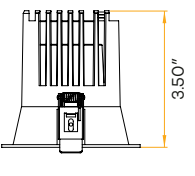
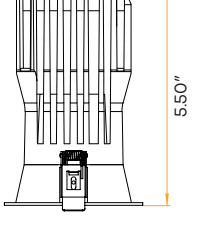
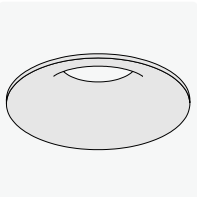
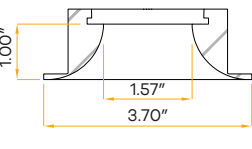
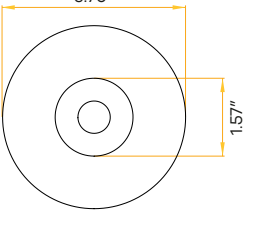
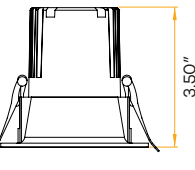
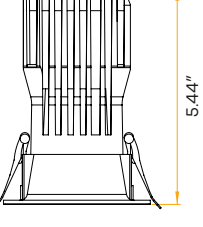
12W



15/18W

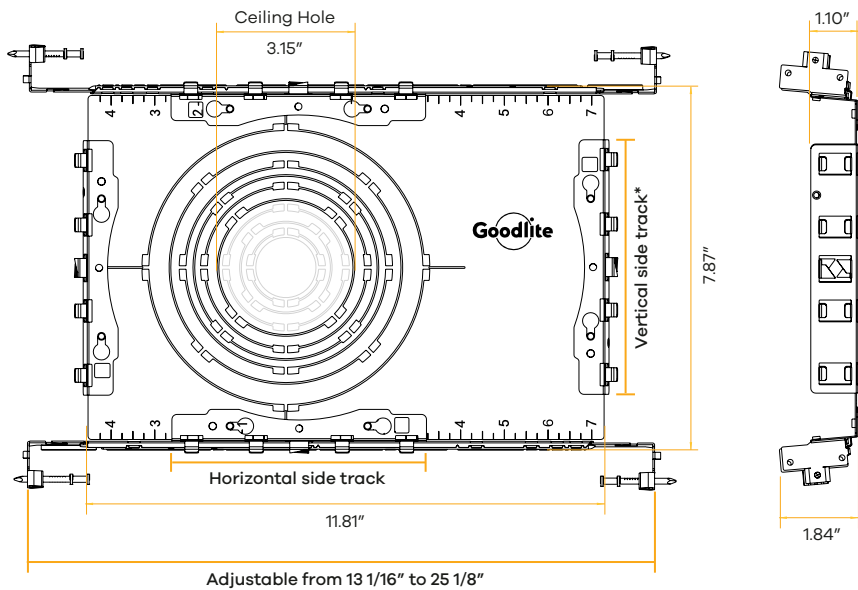


### Trim Options

			12W	15/18W
				
<b>Baffle</b>				
				
<b>Pinhole</b>				
				
<b>Shallow</b>				
				
<b>Ultra Shallow</b>				
				
<b>Narrow</b>				
				
<b>Wave</b>				

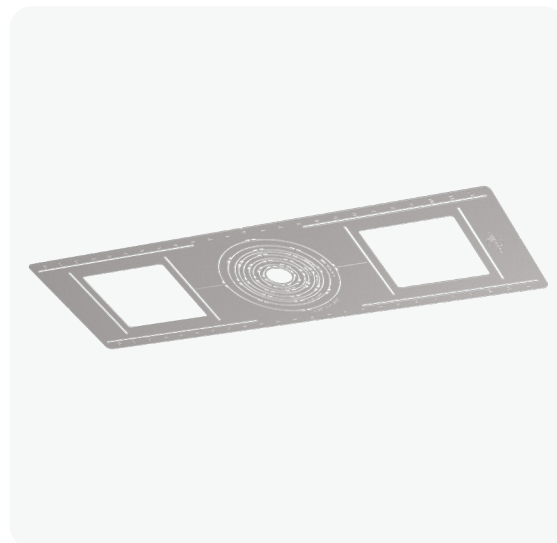
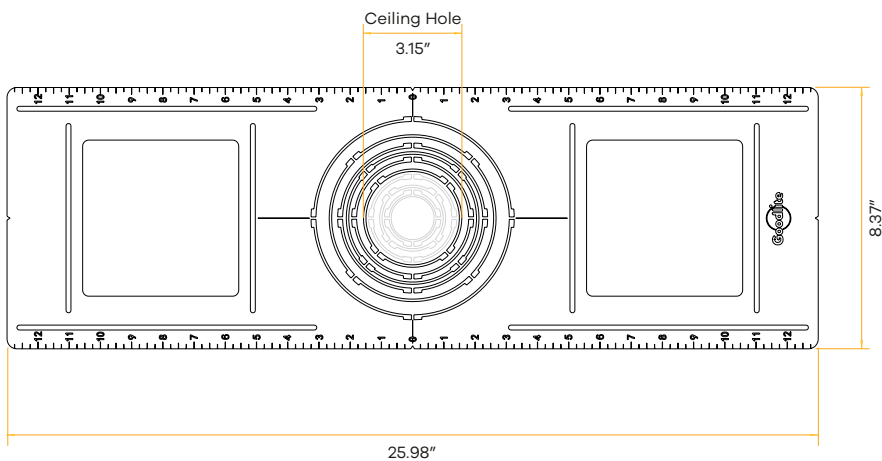
## Plate Line Drawings

### New Construction Pan With Bracket



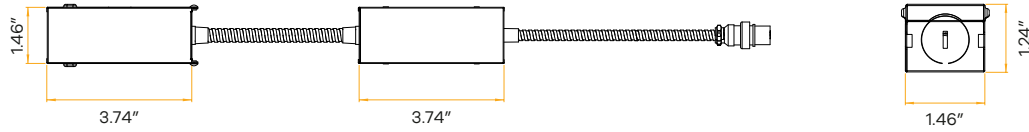
\*Note: Bracket can be shortened to 7.87" while using vertical side tracks

### New Construction Pan

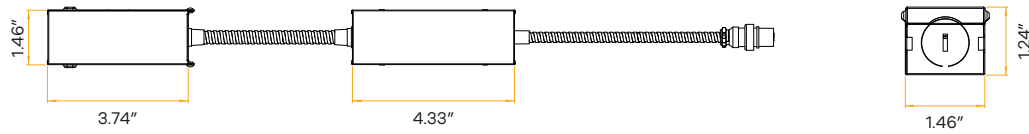


## Engine Line Drawing

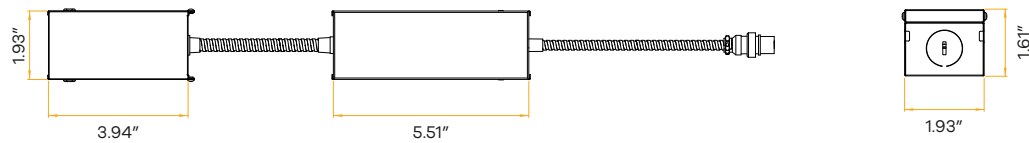
### 12W Driver



### 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	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

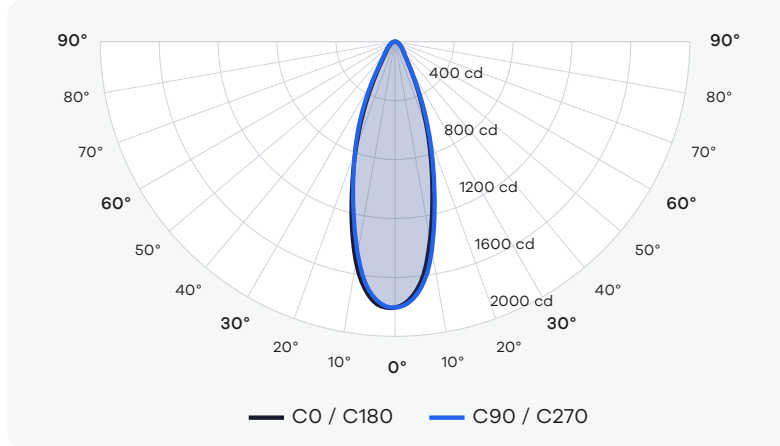
### Delivered Lumens Matrix

#### White Narrow Trim 98CRI Report

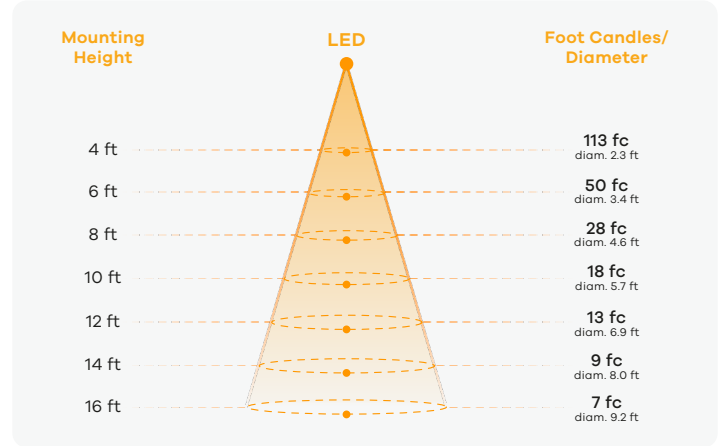
Wattage	Color Temperature	Clear Lens			Silver Reflector	
		35°	42°	53°	33°	54°
12W	2700K (98CRI)	896LM	893LM	986LM	1001LM	1007LM
	3000K (98CRI)	1016LM	1012LM	1115LM	1098LM	1127LM
	3500K (98CRI)	1014LM	1012LM	1122LM	1136LM	1161LM
15W	2700K (98CRI)	1129LM	1123LM	1286LM	1292LM	1335LM
	3000K (98CRI)	1306LM	1290LM	1452LM	1433LM	1466LM
	3500K (98CRI)	1282LM	1280LM	1458LM	1472LM	1550LM
28W	2700K (98CRI)	2220LM	2141LM	2417LM	2431LM	2443LM
	3000K (98CRI)	2508LM	2447LM	2701LM	2645LM	2691LM
	3500K (98CRI)	2484LM	2418LM	2668LM	2720LM	2773M

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

Polar Plot



Cone of Light Tabulation



### Power Information

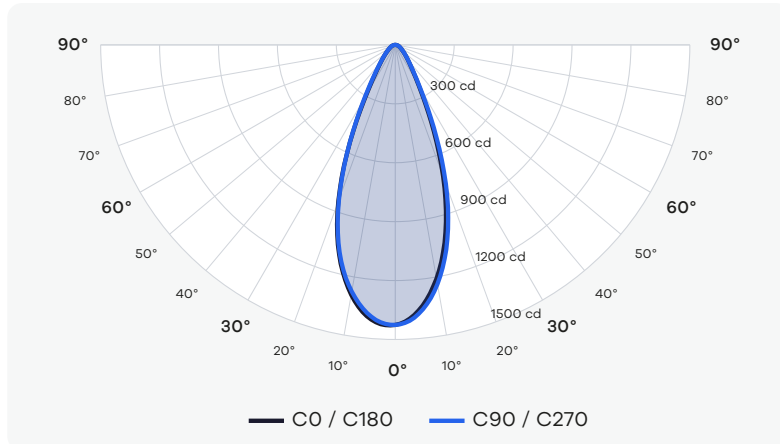
Voltage	119.84 V
Current	0.08936 A
Power	10.5 W
Power Factor	0.9776

### Summary of Results

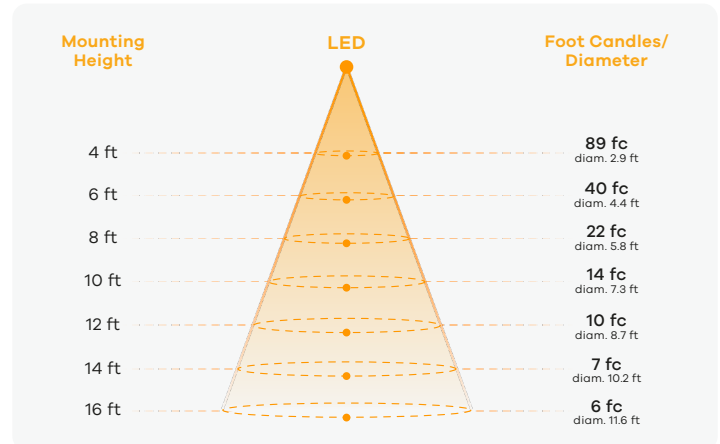
Spacing Criteria	0 - 180: 0.29	90 - 270: 0.29	Zone	Lumens	% of Luminaire
Total Lumen Output	896 LM		0 - 40	673	83%
Luminaire Efficacy	75 LM/W		0 - 60	767	94%
Maximun Candela	1805 CD		0 - 80	809	99%

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

Polar Plot



Cone of Light Tabulation



### Power Information

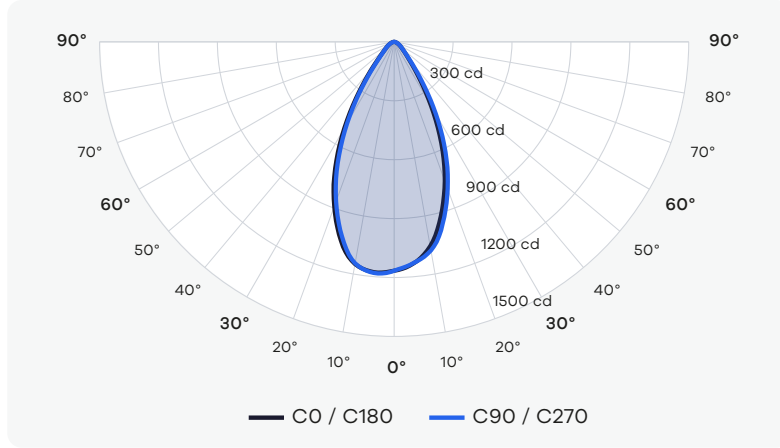
Voltage	119.72 V
Current	0.08974 A
Power	10.5 W
Power Factor	0.9776

### Summary of Results

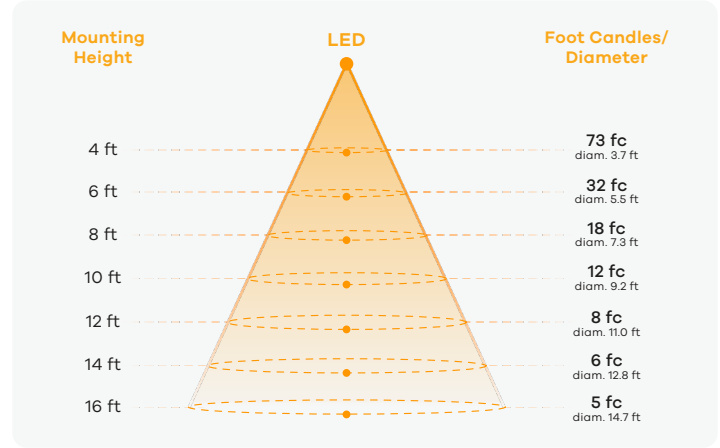
Spacing Criteria	0 - 180: 0.36	90 - 270: 0.36	Zone	Lumens	% of Luminaire
Total Lumen Output	893 LM		0 - 40	690	84%
Luminaire Efficacy	74 LM/W		0 - 60	782	95%
Maximun Candela	1426 CD		0 - 80	821	100%

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

Polar Plot



Cone of Light Tabulation



**Power Information**

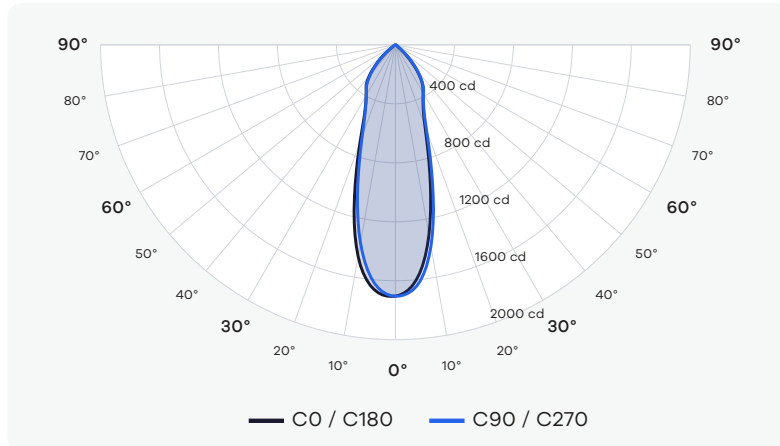
Voltage	119.74 V
Current	0.08963 A
Power	10.5 W
Power Factor	0.9776

**Summary of Results**

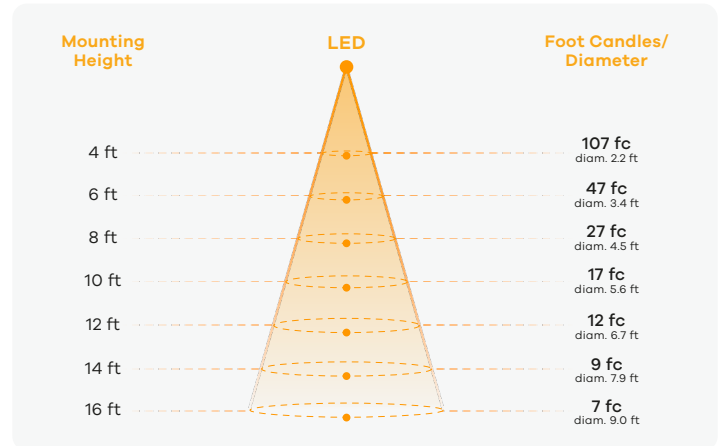
Spacing Criteria	0 - 180: 0.46	90 - 270: 0.46	Zone	Lumens	% of Luminaire
Total Lumen Output	986 LM		0 - 40	757	86%
Luminaire Efficacy	82 LM/W		0 - 60	852	96%
Maximun Candela	1165 CD		0 - 80	881	100%

### White Narrow Trim (2700K, 98CRI, 33°-Clear, 12W)

Polar Plot



Cone of Light Tabulation



**Power Information**

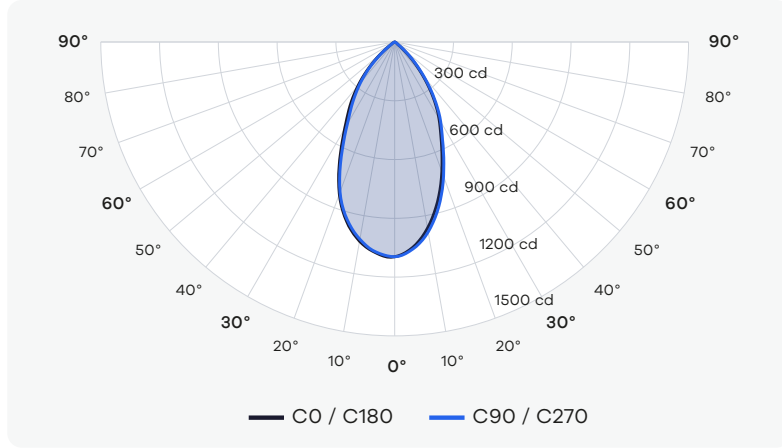
Voltage	119.74 V
Current	0.08953 A
Power	10.5 W
Power Factor	0.9776

**Summary of Results**

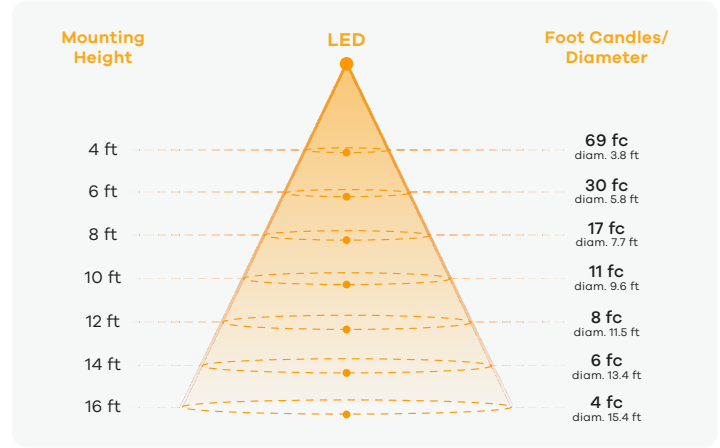
Spacing Criteria	0 - 180: 0.28	90 - 270: 0.28	Zone	Lumens	% of Luminaire
Total Lumen Output	1001 LM		0 - 40	794	86%
Luminaire Efficacy	83 LM/W		0 - 60	913	99%
Maximun Candela	1705 CD		0 - 80	921	100%

### White Narrow Trim (2700K, 98CRI, 54°-Clear, 12W)

Polar Plot



Cone of Light Tabulation



**Power Information**

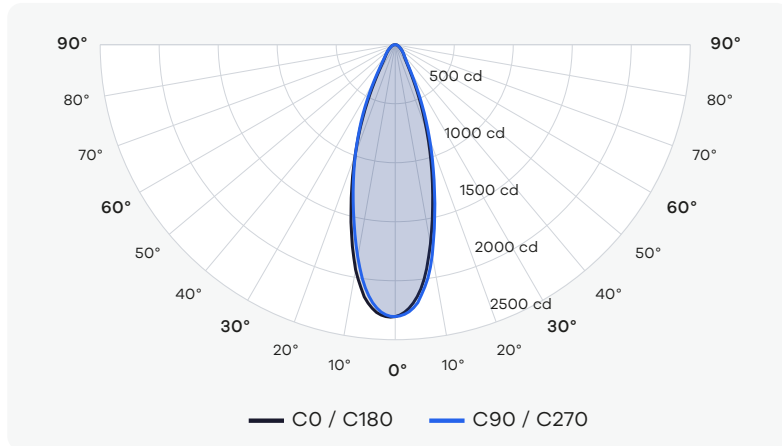
Voltage	119.74 V
Current	0.08949 A
Power	10.5 W
Power Factor	0.9776

**Summary of Results**

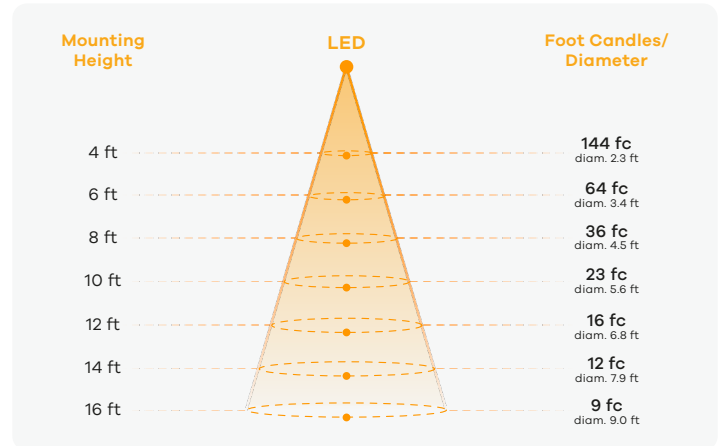
Spacing Criteria	0 - 180: 0.48	90 - 270: 0.48	Zone	Lumens	% of Luminaire
Total Lumen Output	1007 LM		0 - 40	803	87%
Luminaire Efficacy	84 LM/W		0 - 60	914	99%
Maximun Candela	1096 CD		0 - 80	919	100%

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

Polar Plot



Cone of Light Tabulation



**Power Information**

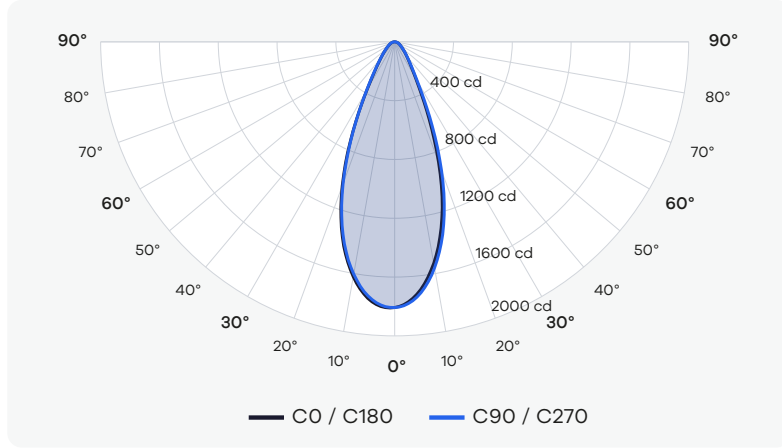
Voltage	119.73 V
Current	0.1164 A
Power	13.6 W
Power Factor	0.9781

**Summary of Results**

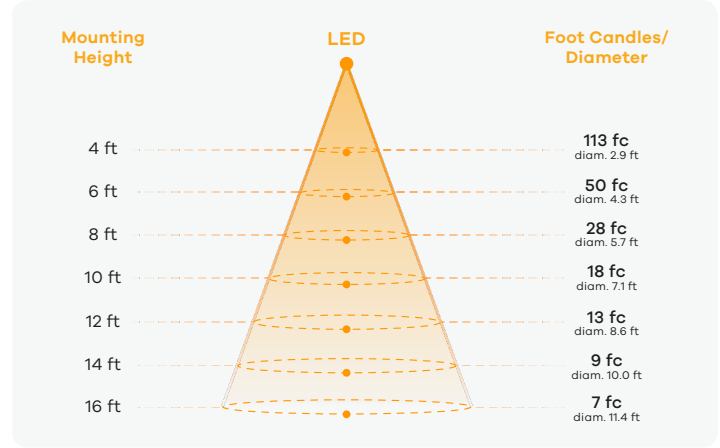
Spacing Criteria	0 - 180: 0.28	90 - 270: 0.28	Zone	Lumens	% of Luminaire
Total Lumen Output	1129 LM		0 - 40	830	82%
Luminaire Efficacy	75 LM/W		0 - 60	949	94%
Maximun Candela	2304 CD		0 - 80	1002	99%

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

Polar Plot



Cone of Light Tabulation



### Power Information

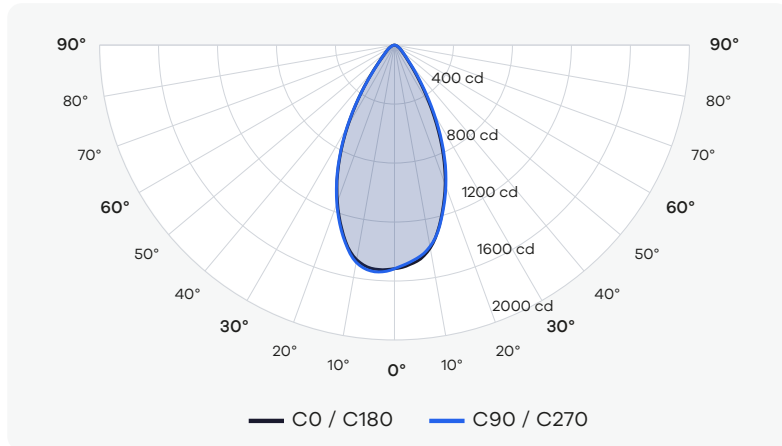
Voltage	119.71 V
Current	0.1166 A
Power	13.7 W
Power Factor	0.9781

### Summary of Results

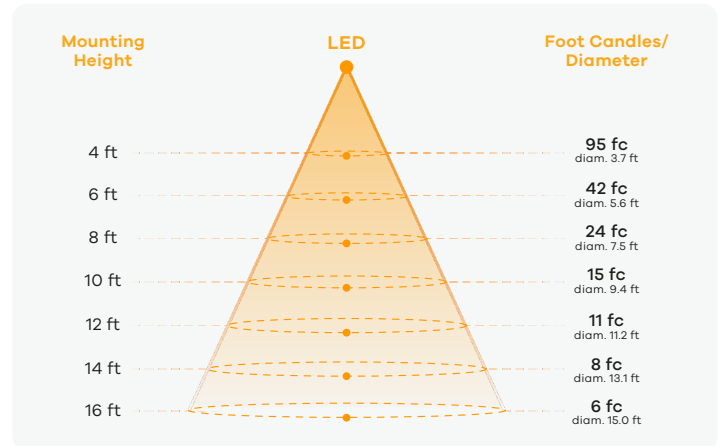
Spacing Criteria	0 - 180: 0.36	90 - 270: 0.36	Zone	Lumens	% of Luminaire
Total Lumen Output	1123 LM		0 - 40	853	83%
Luminaire Efficacy	75 LM/W		0 - 60	973	94%
Maximun Candela	1807 CD		0 - 80	1026	100%

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

Polar Plot



Cone of Light Tabulation



### Power Information

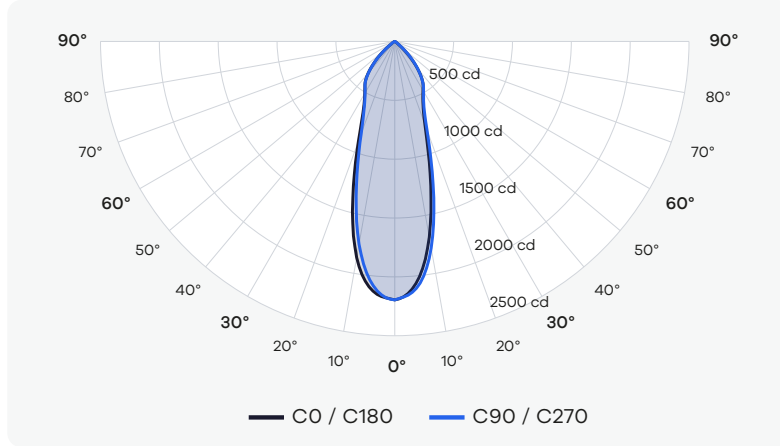
Voltage	119.71 V
Current	0.1167 A
Power	13.7 W
Power Factor	0.9781

### Summary of Results

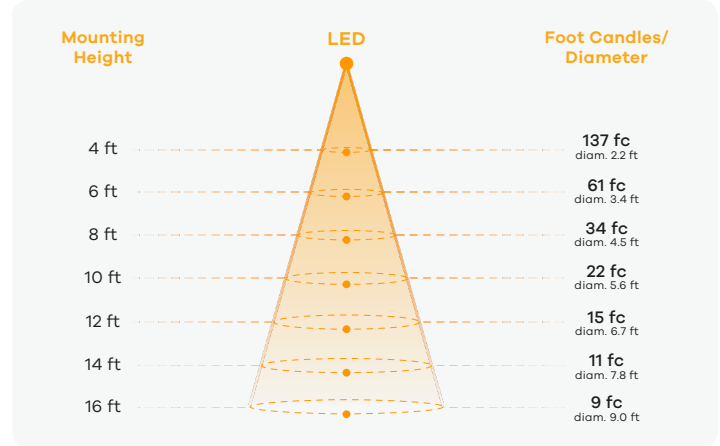
Spacing Criteria	0 - 180: 0.47	90 - 270: 0.47	Zone	Lumens	% of Luminaire
Total Lumen Output	1286 LM		0 - 40	1009	86%
Luminaire Efficacy	86 LM/W		0 - 60	1132	97%
Maximun Candela	1516 CD		0 - 80	1170	100%

## White Narrow Trim (2700K, 98CRI, 33°-Clear, 15W)

Polar Plot



Cone of Light Tabulation



### Power Information

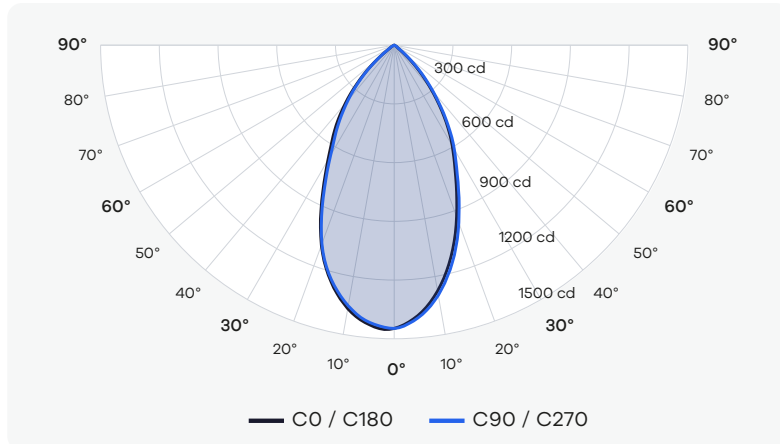
Voltage	119.72 V
Current	0.1168 A
Power	13.7 W
Power Factor	0.9781

### Summary of Results

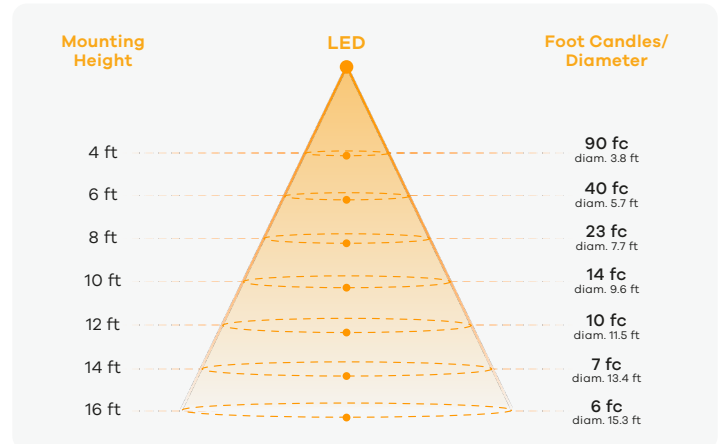
Spacing Criteria	0 - 180: 0.28	90 - 270: 0.28	Zone	Lumens	% of Luminaire
Total Lumen Output	1292 LM		0 - 40	1021	85%
Luminaire Efficacy	86 LM/W		0 - 60	1180	99%
Maximun Candela	2196 CD		0 - 80	1191	100%

## White Narrow Trim (2700K, 98CRI, 54°-Silver Reflector, 15W)

Polar Plot



Cone of Light Tabulation



### Power Information

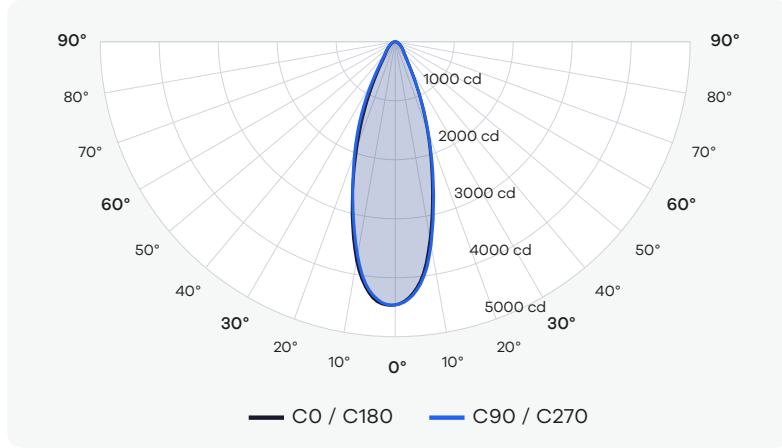
Voltage	119.72 V
Current	0.1171 A
Power	13.7 W
Power Factor	0.9780

### Summary of Results

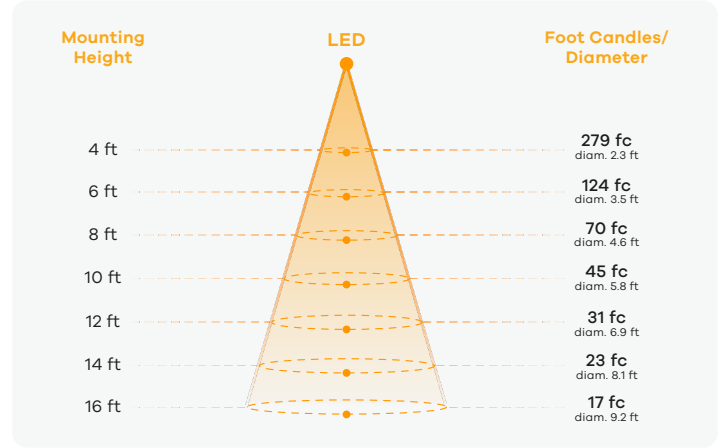
Spacing Criteria	0 - 180: 0.48	90 - 270: 0.48	Zone	Lumens	% of Luminaire
Total Lumen Output	1335 LM		0 - 40	1057	87%
Luminaire Efficacy	89 LM/W		0 - 60	1204	99%
Maximun Candela	1447 CD		0 - 80	1212	100%

## White Narrow Trim (2700K, 98CRI, 35°-Silver Reflector, 28W)

Polar Plot



Cone of Light Tabulation



### Power Information

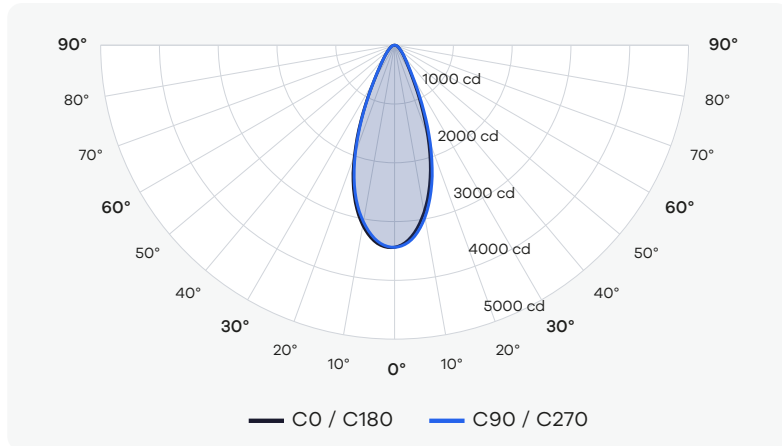
Voltage	119.67 V
Current	0.2306 A
Power	27.1 W
Power Factor	0.9816

### Summary of Results

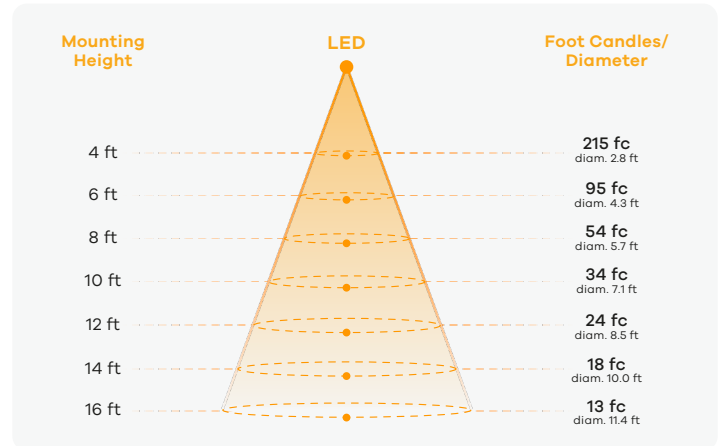
Spacing Criteria	0 - 180: 0.29	90 - 270: 0.29	Zone	Lumens	% of Luminaire
Total Lumen Output	2220 LM		0 - 40	1679	82%
Luminaire Efficacy	79 LM/W		0 - 60	1916	94%
Maximun Candela	4462 CD		0 - 80	2024	99%

## White Narrow Trim (2700K, 98CRI, 42°-Silver Reflector, 28W)

Polar Plot



Cone of Light Tabulation



### Power Information

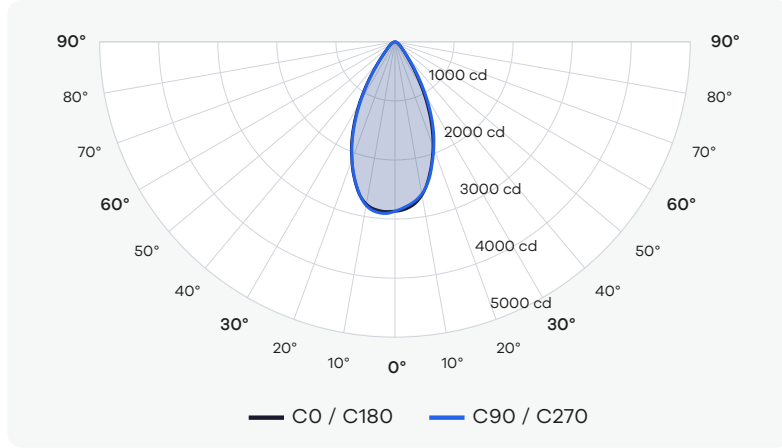
Voltage	119.70 V
Current	0.2301 A
Power	27.0 W
Power Factor	0.9815

### Summary of Results

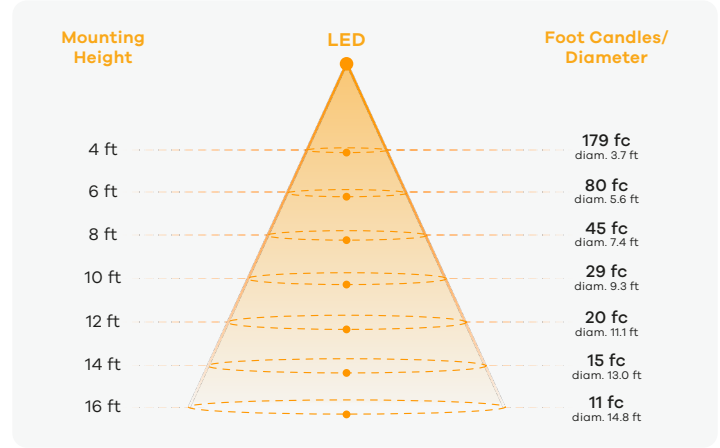
Spacing Criteria	0 - 180: 0.36	90 - 270: 0.36	Zone	Lumens	% of Luminaire
Total Lumen Output	2141 LM		0 - 40	1624	83%
Luminaire Efficacy	76 LM/W		0 - 60	1854	95%
Maximun Candela	3437 CD		0 - 80	1952	100%

### White Narrow Trim (2700K, 98CRI, 53°-Silver Reflector, 28W)

Polar Plot



Cone of Light Tabulation



#### Power Information

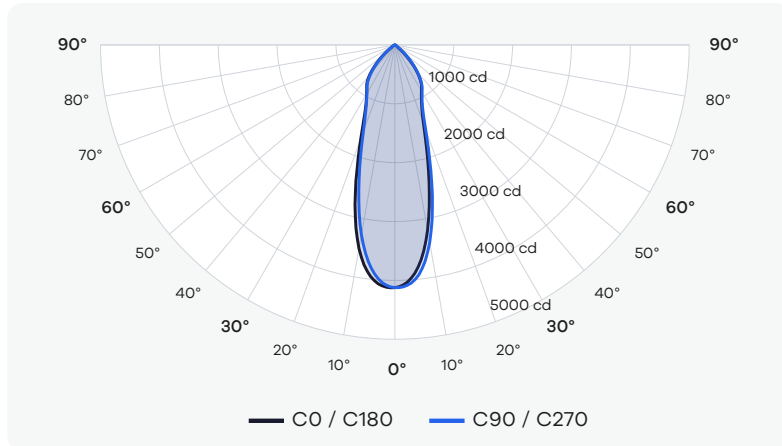
Voltage	119.69 V
Current	0.2299 A
Power	27.0 W
Power Factor	0.9815

#### Summary of Results

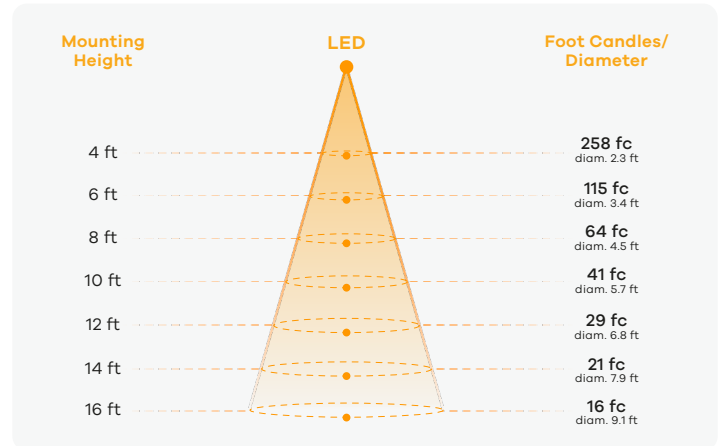
Spacing Criteria	0 - 180: 0.46	90 - 270: 0.46	Zone	Lumens	% of Luminaire
Total Lumen Output	2417 LM		0 - 40	1889	86%
Luminaire Efficacy	86 LM/W		0 - 60	2122	96%
Maximun Candela	2868 CD		0 - 80	2195	100%

### White Narrow Trim (2700K, 98CRI, 33°-Silver Reflector, 28W)

Polar Plot



Cone of Light Tabulation



#### Power Information

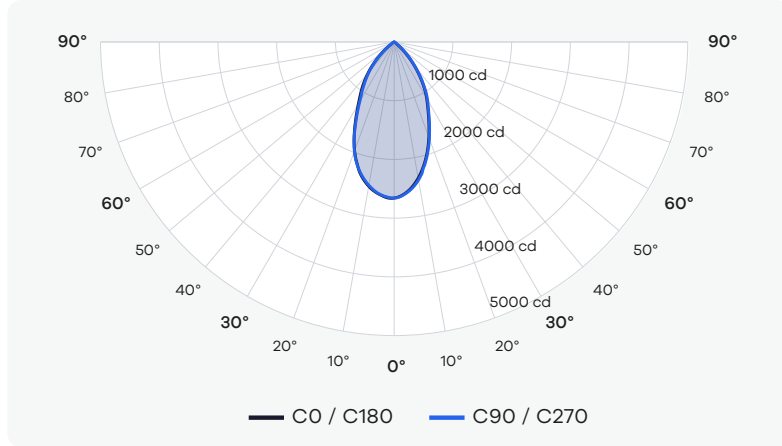
Voltage	119.68 V
Current	0.2297 A
Power	27.0 W
Power Factor	0.9815

#### Summary of Results

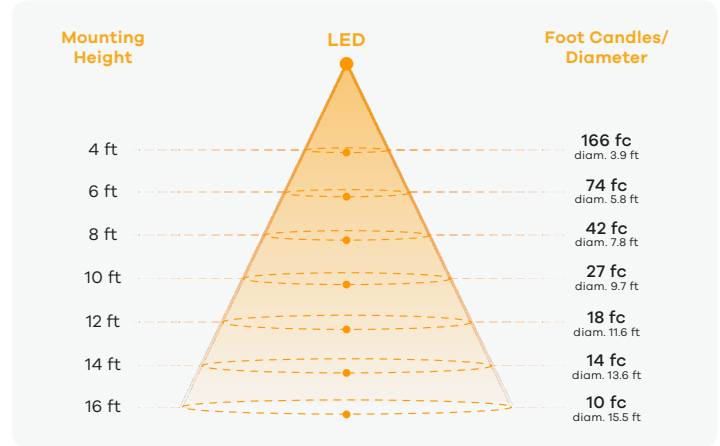
Spacing Criteria	0 - 180: 0.28	90 - 270: 0.28	Zone	Lumens	% of Luminaire
Total Lumen Output	2431 LM		0 - 40	1932	85%
Luminaire Efficacy	87 LM/W		0 - 60	2233	99%
Maximun Candela	4123 CD		0 - 80	2255	100%

## White Narrow Trim (2700K, 98CRI, 54°-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: 0.48	90 - 270: 0.48	Zone	Lumens	% of Luminaire
Total Lumen Output	2443 LM		0 - 40	1964	87%
Luminaire Efficacy	87 LM/W		0 - 60	2243	99%
Maximun Candela	2659 CD		0 - 80	2258	100%