

ArcSource 96 tm



Client: _____

Project: _____

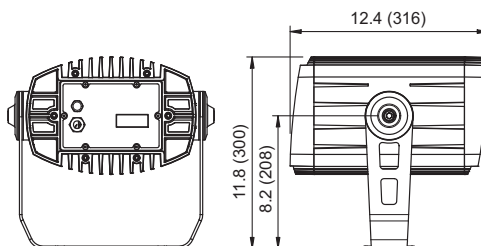
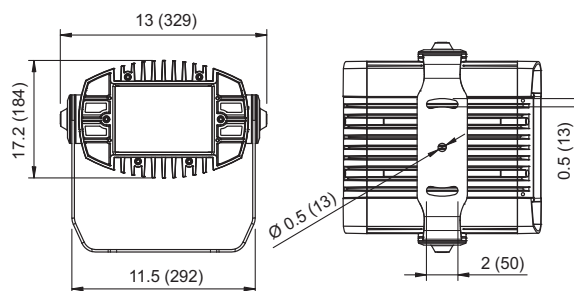
Specifier: _____

Type: _____ Qty: _____

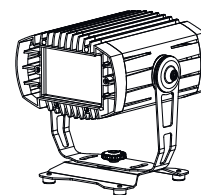
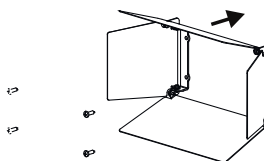


FEATURES:

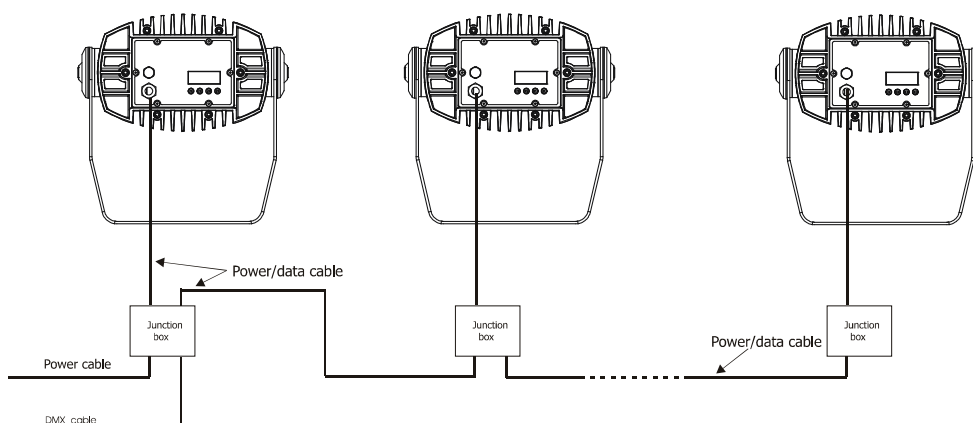
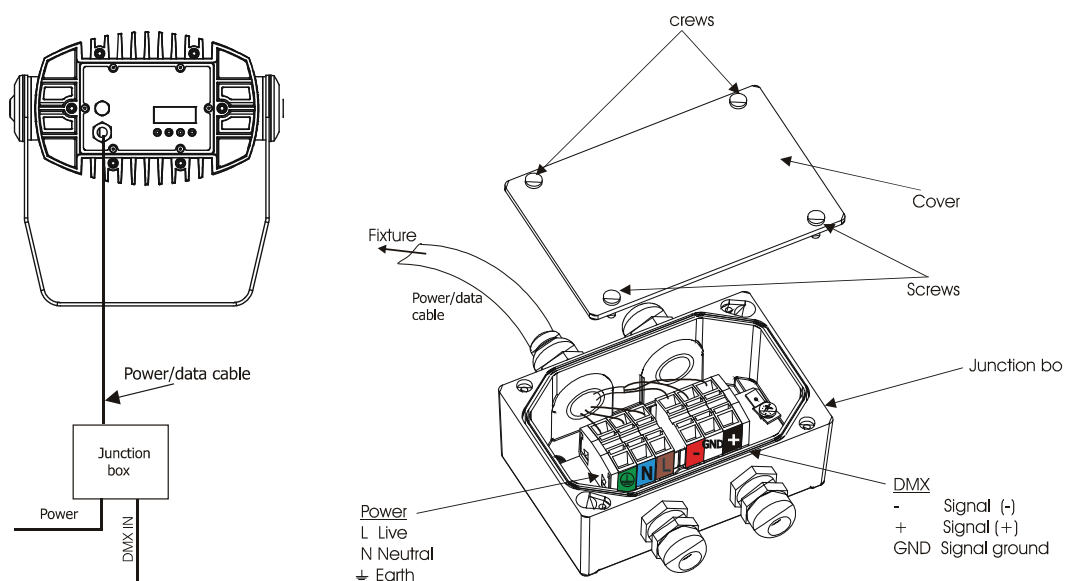
- Input Voltage: 100-240V AC 50/60Hz
- Power consumption: 200W
- Light Source: 96 x High Power LED's
- Delivered Lumen: 8920lm (13dg Cool White)
- Projected LED Life: 76,000 Hrs
- Control: DMX Controller
- Housing: Cast Aluminium and Glass Cover
- Fixing Method: Stirrup / Optional Base Plate
- IP Rating: IP67 - Junction Box IP66
- Operating Ambient Temp: -20°C/+40°C (-4°F/+104°F) Barn Doors
- Certification: CE, RoHS
- 5 Year Warranty



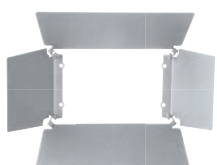
Base Plate



Connection Scheme:



Accessories:



Barn Door Module



Top Hat Module



Hakf Top Hat Module



Mounting Plate

Product Specification:

Electrical	Input Voltage		100-240V AC 50/60 Hz	
	Power Consumption		200W +/- 10%	
	In Rush Current		40A Max - 10ms	
Optical	Light Source		96 x High Power LED's	
		RGBW	W = WW-3000K or CW-6500K	
		PW	2600K-10000K	
		SW	3300K-6500K	
		R		
		G		
		B		
	A			
LED Channels		Red / Green / Blue / White, Red, Green, Blue, Amber, Pure White, Smart White		
Beam Angle		13°, 25°, 32° x 12°, 44°		
Projected Lumen Maintenance		76,000 hrs (L70@ 25°C / 77°F)		
Control	Interface Protocol		DMX512	
	Wireless DMX (Optional Accessory)		Lumen Radio CRMX Technology	
	Control System		Anolis Lighting Controls or any Third Party DMX512 Controllers	
	Power Supply		Integral	
	Stand Alone Control		Yes	
Physical	Width x Height x Depth	Inches	12.88 x 11.8 x 12.44	
		mm	327 x 300 x 316	
	Weight	lbs	24.4	
		kg	11	
	Housing		Cast Aluminium Tempered Glass	
	Fixture Cables and Connections		Li9YCHY - 3xAWG16+1 (2xAWG24) + Junction Box	
	Fixing Method		Stirrup / Base Plate (Optional)	
	Adjustability		360°	
	IP Rating		IP67 (IP66 Junction Box)	
	IK Rating		IK**	
	Cooling System		Convection	
	Operating Ambient Temperature		-20°C / +40°C (-4°F / +104°F)	
	Operating Temperature		+80°C @ Ambient +40°C (+176°F @ Ambient +104°F)	
Certification	Listings		CE, RoHS	

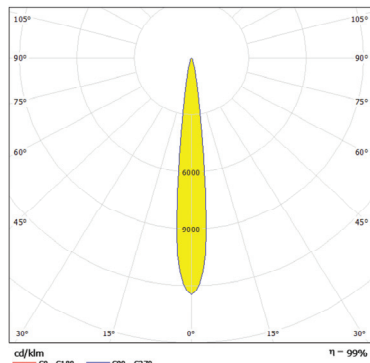
Subject to change without notice - please contact Anolis for clarification

Accessories	Description
	Junction Box (Included)
	Gasket Cable Grommet M20 (included)
	Barn Door Module
	Top Hat
	Half top Hat
	Mounting Plate



Photometric Data:

ArcSource 96 CW - 13°

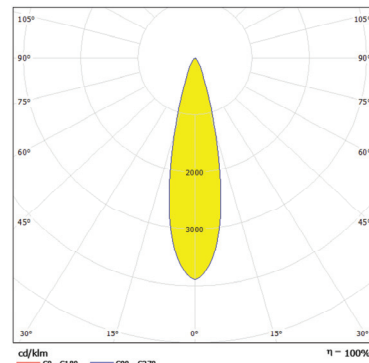


Distance [m]	Cone Diameter [m]	E(0°)	E(C90)	E(C90)	E(C90)	E(C90)	E(C90)	E(C90)	E(C90)
0.5	0.11	44676	6.3°	222639					
1.0	0.22	111144	6.3°	33660					
1.5	0.33	49397	6.3°	24738					
2.0	0.44	27786	6.3°	13915					
2.5	0.55	17783	6.3°	8986					
3.0	0.66	12349	6.3°	6184					

Distance [m] Cone Diameter [m] Illuminance [lx]
 — C0 - C180 (Half-value Angle: 12.6°)
 — C90 - C270 (Half-value Angle: 12.6°)

Total Luminous Flux: 8920lm

ArcSource 96 CW - 25°



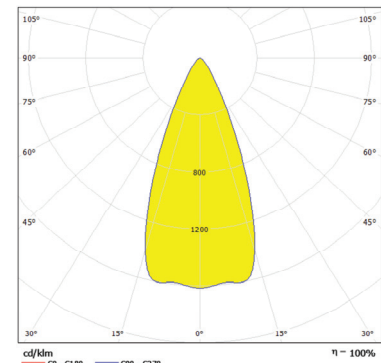
Distance [m]	Cone Diameter [m]	E(0°)	E(C90)	E(C90)	E(C90)	E(C90)	E(C90)	E(C90)	E(C90)
0.5	0.22	127840	12.6°	59816					
1.0	0.45	31960	12.6°	19204					
1.5	0.67	14204	12.6°	6666					
2.0	0.89	7990	12.6°	3729					
2.5	1.12	5114	12.6°	2593					
3.0	1.34	3551	12.6°	1662					

Distance [m] Cone Diameter [m] Illuminance [lx]
 — C0 - C180 (Half-value Angle: 25.2°)
 — C90 - C270 (Half-value Angle: 25.2°)

Total Luminous Flux: 8202lm

For foot Candles divide lux by 10.7

ArcSource 96 CW - 44°

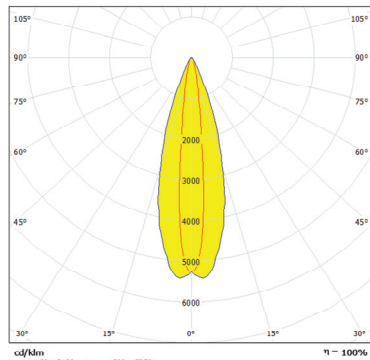


Distance [m]	Cone Diameter [m]	E(0°)	E(C90)	E(C90)	E(C90)	E(C90)	E(C90)	E(C90)	E(C90)
0.5	0.44	90732	22.1°	20300					
1.0	0.81	13688	22.1°	3693					
1.5	1.22	5639	22.1°	2256					
2.0	1.62	3122	22.1°	1269					
2.5	2.03	2030	22.1°	852					
3.0	2.44	1410	22.1°	564					

Distance [m] Cone Diameter [m] Illuminance [lx]
 — C0 - C180 (Half-value Angle: 44.2°)
 — C90 - C270 (Half-value Angle: 44.2°)

Total Luminous Flux: 7852lm

ArcSource 96 CW - 32x12°



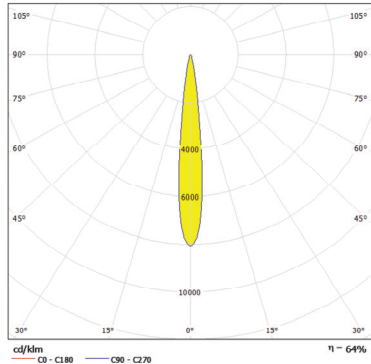
Distance [m]	Cone Diameter [m]	E(0°)	E(C90)	E(C90)	E(C90)	E(C90)	E(C90)	E(C90)	E(C90)
0.5	0.24	178931	15.8°	82446	6.1°	87119			
1.0	0.57	44238	15.8°	20546	6.1°	21788			
1.5	0.85	19661	15.8°	9152	6.1°	9680			
2.0	1.13	11059	15.8°	5337	6.1°	5445			
2.5	1.41	7078	15.8°	3287	6.1°	3485			
3.0	1.70	4915	15.8°	2383	6.1°	2420			

Distance [m] Cone Diameter [m] Illuminance [lx]
 — C0 - C180 (Half-value Angle: 12.2°)
 — C90 - C270 (Half-value Angle: 31.6°)

Total Luminous Flux: 8389lm

Photometric Data:

ArcSource 96 RGBCW - 13°

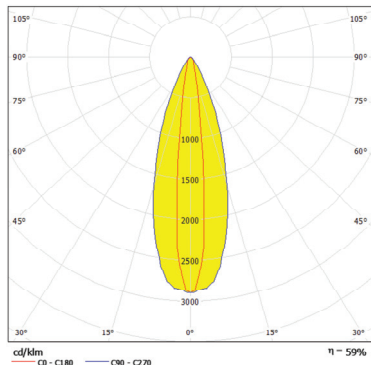


Distance [m]	Cone Diameter [m]	E(0°) E(C0) E(C270)
0.5	0.11	25844 126144
1.0	0.22	63761 25228
1.5	0.34	28338 14016
2.0	0.45	15949 7894
2.5	0.56	10202 5966
3.0	0.67	7865 3504

Distance [m] Cone Diameter [m] Illuminance [lx]
C0 - C180 (Half-value Angle: 12.8°)

Total Luminous Flux: 7896lm

ArcSource 96 RGBCW - 32x12°

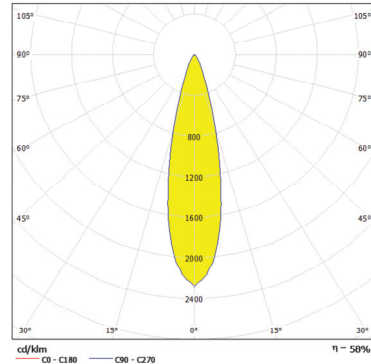


Distance [m]	Cone Diameter [m]	E(0°) E(C90) E(C270)
0.5	0.31 0.11	91524 40842 40588
1.0	0.62 0.22	22881 10011 11397
1.5	0.92 0.33	10109 4499 5065
2.0	1.23 0.44	5720 2922 2869
2.5	1.54 0.55	3661 1802 1624
3.0	1.85 0.66	2542 1112 1366

Distance [m] Cone Diameter [m] Illuminance [lx]
C0 - C180 (Half-value Angle: 12.6°)
C90 - C270 (Half-value Angle: 34.2°)

Total Luminous Flux: 7896lm

ArcSource 96 RGBCW - 25°



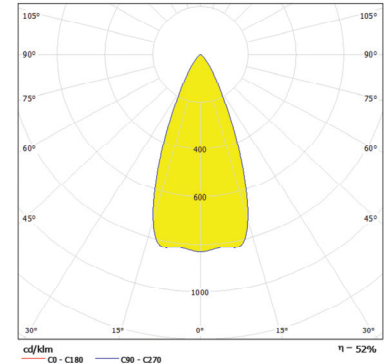
Distance [m]	Cone Diameter [m]	E(0°) E(C0) E(C270)
0.5	0.22	71952 33751
1.0	0.44	17988 9486
1.5	0.67	7995 3750
2.0	0.89	4407 2109
2.5	1.11	2878 1350
3.0	1.33	1999 988

Distance [m] Cone Diameter [m] Illuminance [lx]
C0 - C180 (Half-value Angle: 25.0°)

Total Luminous Flux: 7896lm

For foot Candles divide lux by 10.7

ArcSource 96 RGBCW - 44°



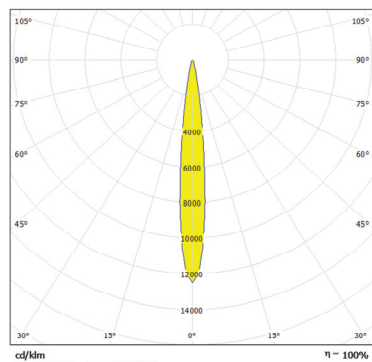
Distance [m]	Cone Diameter [m]	E(0°) E(C0) E(C270)
0.5	0.41	26278 19435
1.0	0.82	6569 2869
1.5	1.22	2920 1159
2.0	1.63	1642 652
2.5	2.04	1051 417
3.0	2.45	730 290

Distance [m] Cone Diameter [m] Illuminance [lx]
C0 - C180 (Half-value Angle: 44.4°)

Total Luminous Flux: 7896lm

Photometric Data:

ArcSource 96 WW - 13°

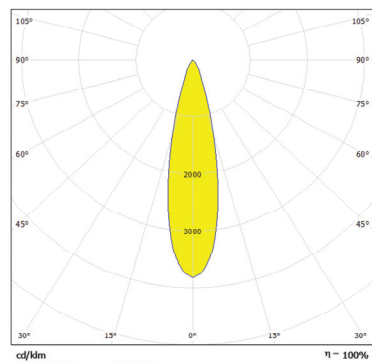


Distance [m]	Cone Diameter [m]	E(P) [lx]	E(C90) [lx]	E(C180) [lx]
0.5	0.11	312098	61°	156078
1.0	0.21	78023	61°	39019
1.5	0.32	34668	61°	17409
2.0	0.43	19600	61°	9792
2.5	0.53	12480	61°	6267
3.0	0.64	8667	61°	4352

Distance [m] Cone Diameter [m] Illuminance [lx]
 C0 - C180 (Half-value Angle: 12.2°)
 C90 - C270 (Half-value Angle: 12.2°)

Total Luminous Flux: 6228lm

ArcSource 96 WW - 25°



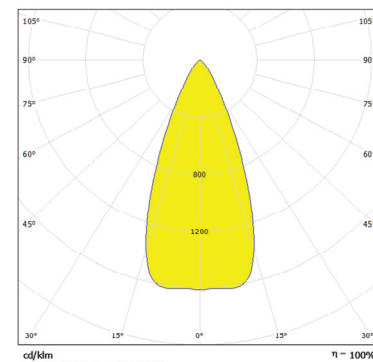
Distance [m]	Cone Diameter [m]	E(P) [lx]	E(C90) [lx]	E(C180) [lx]
0.5	0.22	86199	12.6°	43111
1.0	0.43	21520	12.6°	10769
1.5	0.67	9578	12.6°	4479
2.0	0.89	5387	12.6°	2519
2.5	1.12	3448	12.6°	1612
3.0	1.34	2394	12.6°	1120

Distance [m] Cone Diameter [m] Illuminance [lx]
 C0 - C180 (Half-value Angle: 25.2°)
 C90 - C270 (Half-value Angle: 25.2°)

Total Luminous Flux: 5637lm

For foot Candles divide lux by 10.7

ArcSource 96 WW - 44°

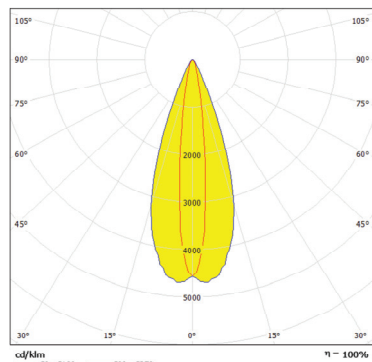


Distance [m]	Cone Diameter [m]	E(P) [lx]	E(C90) [lx]	E(C180) [lx]
0.5	0.41	33469	22.1°	13443
1.0	0.81	8367	22.1°	3361
1.5	1.22	3719	22.1°	1494
2.0	1.62	2002	22.1°	800
2.5	2.03	1329	22.1°	538
3.0	2.44	930	22.1°	373

Distance [m] Cone Diameter [m] Illuminance [lx]
 C0 - C180 (Half-value Angle: 44.2°)
 C90 - C270 (Half-value Angle: 44.2°)

Total Luminous Flux: 5187lm

ArcSource 96 WW - 32x12°



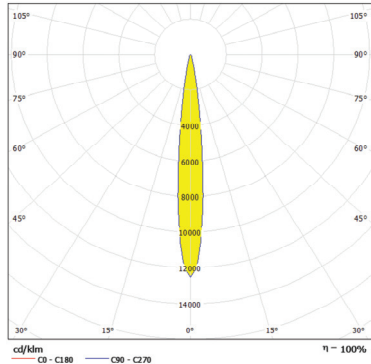
Distance [m]	Cone Diameter [m]	E(P) [lx]	E(C90) [lx]	E(C180) [lx]
0.5	0.34	104788	18.9°	49494
0.5	0.12	52121	6.7°	26060
1.0	0.68	26197	18.9°	12426
1.0	0.23	13030	6.7°	6513
1.5	1.03	11643	18.9°	5617
1.5	0.35	5791	6.7°	2896
2.0	1.37	6549	18.9°	2856
2.0	0.47	3258	6.7°	1629
2.5	1.71	4192	18.9°	1828
2.5	0.59	2085	6.7°	1044
3.0	2.05	2911	18.9°	1369
3.0	0.70	1418	6.7°	709

Distance [m] Cone Diameter [m] Illuminance [lx]
 C0 - C180 (Half-value Angle: 12.4°)
 C90 - C270 (Half-value Angle: 37.8°)

Total Luminous Flux: 5730lm

Photometric Data:

ArcSource 96 RGBWW - 13°

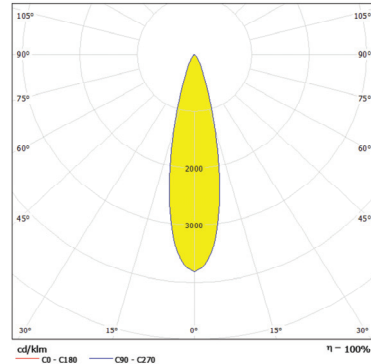


Distance [m]	Cone Diameter [m]	E(0°) E(C0)	E(0°) E(C270)
0.5	0.11	312098	156078
1.0	0.21	78022	39011
1.5	0.32	34668	17330
2.0	0.43	19560	9752
2.5	0.53	12480	6201
3.0	0.64	8667	4332

Distance [m] Cone Diameter [m] Illuminance [lx]
 — C0 - C180 (Half-value Angle: 12.2°) — C90 - C270

Total Luminous Flux: 5568lm

ArcSource 96 RGBWW - 25°



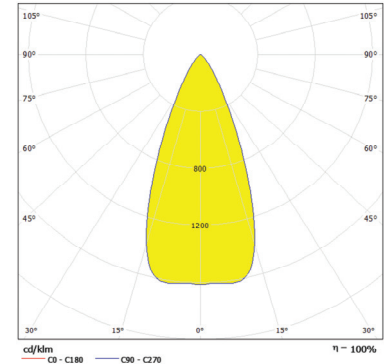
Distance [m]	Cone Diameter [m]	E(0°) E(C0)	E(0°) E(C126°)
0.5	0.22	86199	43099
1.0	0.43	21550	10775
1.5	0.67	9578	4779
2.0	0.89	5387	2719
2.5	1.12	3448	1712
3.0	1.34	2394	1120

Distance [m] Cone Diameter [m] Illuminance [lx]
 — C0 - C180 (Half-value Angle: 25.2°) — C90 - C270

Total Luminous Flux: 5568lm

For foot Candles divide lux by 10.7

ArcSource 96 RGBWW - 44°

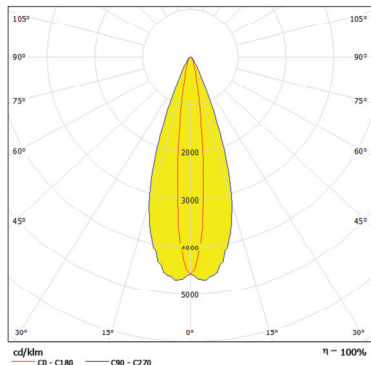


Distance [m]	Cone Diameter [m]	E(0°) E(C0)	E(0°) E(C22.1°)
0.5	0.41	33460	13453
1.0	0.81	8367	3361
1.5	1.22	3719	1494
2.0	1.62	2002	860
2.5	2.03	1339	588
3.0	2.44	938	373

Distance [m] Cone Diameter [m] Illuminance [lx]
 — C0 - C180 (Half-value Angle: 44.2°) — C90 - C270

Total Luminous Flux: 5568lm

ArcSource 96 RGBWW - 32x12°



Distance [m]	Cone Diameter [m]	E(0°) E(C0)	E(0°) E(C180)	E(0°) E(C67°)
0.5	0.34	104788	45988	52121
1.0	0.68	26697	11424	13030
1.5	1.03	11640	5017	5791
2.0	1.37	6599	2856	3258
2.5	1.71	4192	1808	2085
3.0	2.05	2911	1260	1448

Distance [m] Cone Diameter [m] Illuminance [lx]
 — C0 - C180 (Half-value Angle: 12.4°) — C90 - C270 (Half-value Angle: 37.8°)

Total Luminous Flux: 5568lm