

ArcPad 48 tm



Client: _____

Project: _____

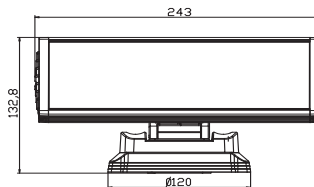
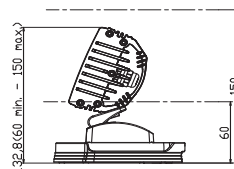
Specifier: _____

Type: _____ Qty: _____

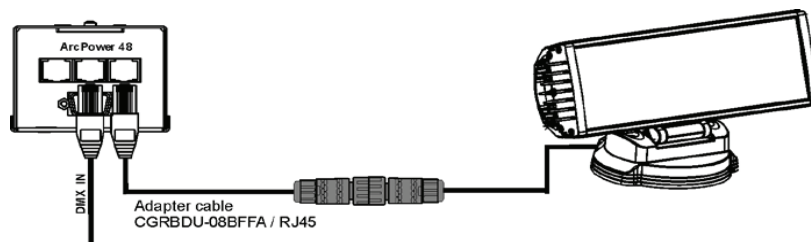


FEATURES:

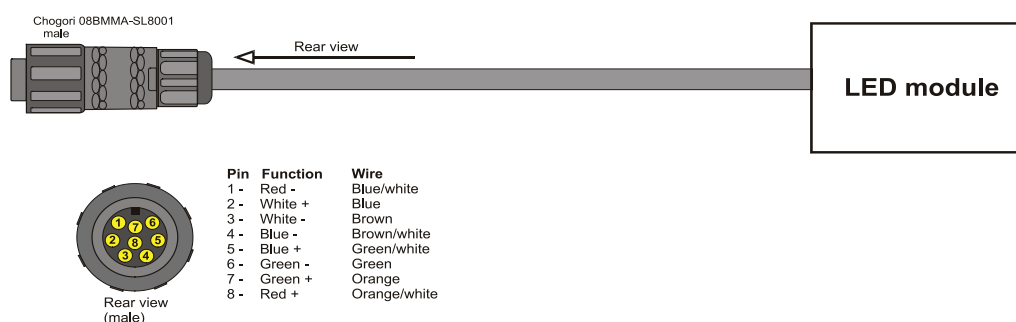
- Input Voltage: 48V DC Via ArcPower 48
- Power consumption: 60W
- Light Source: 48 x High Power LED's
- Delivered Lumen: 2652lm 13° Cool white
- Projected LED Life: 60,000 Hrs
- Control: DMX Controller
- Housing: Cast Aluminium - Glass cover
- Fixing Method: Mounting Plate
- IP Rating: IP67
- Operating Ambient Temp: -20°C/+40°C (-4°F/+104°F)
- Certification: CE, RoHS
- 5 Year Warranty



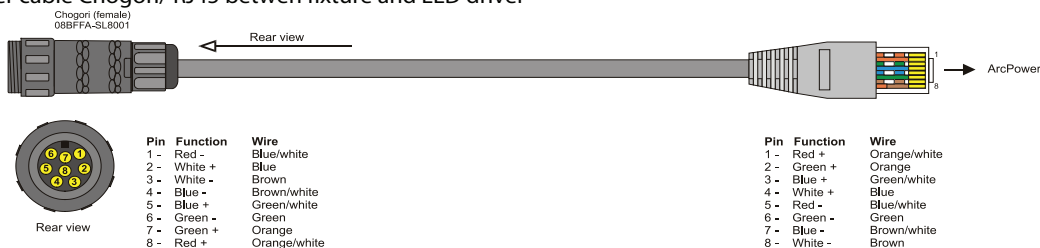
Connection Scheme:



Connect the ArcPad 48's cable to the ArcPower 48 via the adapter cable Chogori/RJ45. The power/data cable that connect the ArcPad 48 to the ArcPower48 has the following wiring:



Adapter cable Chogori/ RJ45 between fixture and LED driver



Accessories:



Barn Door Module



Top Hat Module



Half Top Hat Module

Product Specification:

Electrical	Input Voltage		48v DC
	Power Consumption		60W +/- 10%
Optical	Light Source		48 x High Power LED's
		RGBW	W = WW-3000K - CW-6500K
		PW	3000K, 4000K, 6500K
		SW	3000K-6500K
	LED Channels		Red / Green / Blue / White, Pure White, Smart White
Beam Angle		13°, 26°, 45°, 13°x38°	
Projected Lumen Maintenance		60,000 hrs (L70@ 25°C / 77°F)	
Control	Wireless DMX (Optional Accessory)		N/A
	Control System		Anolis Lighting Controls or any Third Party DMX512 Controller
	Power Supply		ArcPower 48
	Stand Alone Control		N/A
Physical	Width x Height x Depth		9.6 x 5.16 x 4.73
		Inches	243 x 131 x 120
		mm	
	Weight	lbs	4
		kg	1.8
	Housing		High Pressure Die-Cast Aluminium Body Tempered Glass
	Fixture Cable and Connections		Igus CF9.03.08 - 0.5m Long (1.64ft) - Chogori IP68 Connector
	Fixing Method		Mounting Plate
	Adjustability		Pan +/-45°, Tilt +60° -90°
	IP Rating		IP67
	IK Rating		IK**
	Cooling System		Convection
	Operating Ambient Temperature		-20°C / +40°C (-4°F / +104°C)
Operating Temperature	Integral Version	+70°C @ Ambient +25°C (+158°F @ Ambient +77°F)	
		+80°C @ Ambient +40°C (+176°F @ Ambient +104°F)	
Certification	Listings		CE, RoHS

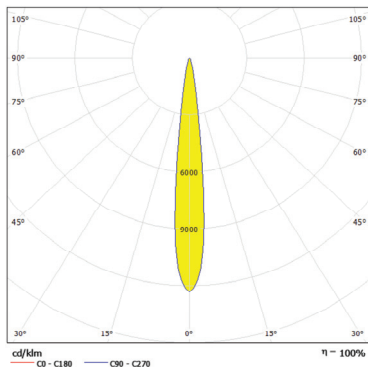
Accessories	Description
	Barn Doors
	Top Hat
	Half Top Hat



Photometric Data:

For foot Candles divide lux by 10.7

ArcPad 48 CW - 12°

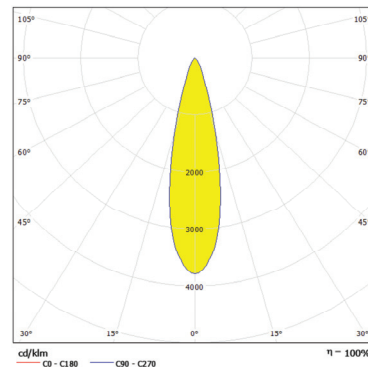


Distance [m]	Cone Diameter [m]	E(0°) E(C0)	E(64°) E(C20)
0.5	0.11	130776 65377	
1.0	0.22	32694 16348	
1.5	0.34	14531 7264	
2.0	0.45	8174 4086	
2.5	0.56	5231 2615	
3.0	0.67	3633 1816	

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

Total Luminous Flux: 2652lm

ArcPad 48 CW - 25°

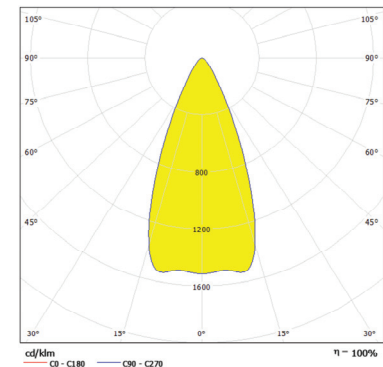


Distance [m]	Cone Diameter [m]	E(0°) E(C0)	E(12.8°) E(C20)
0.5	0.23	36472 18911	
1.0	0.45	9118 4629	
1.5	0.68	4052 1879	
2.0	0.91	2380 1027	
2.5	1.14	1459 676	
3.0	1.36	1013 470	

Distance [m] Cone Diameter [m] Illuminance [lx]
 — C0 - C180 (Half-value Angle: 25.8°)

Total Luminous Flux: 2406lm

ArcPad 48 CW - 45°

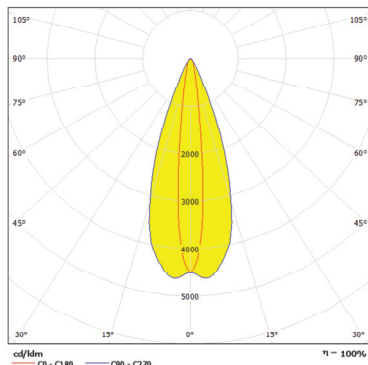


Distance [m]	Cone Diameter [m]	E(0°) E(C0)	E(22.6°) E(C20)
0.5	0.42	13642 5486	
1.0	0.83	3410 1572	
1.5	1.25	1516 610	
2.0	1.67	883 393	
2.5	2.08	546 219	
3.0	2.50	379 152	

Distance [m] Cone Diameter [m] Illuminance [lx]
 — C0 - C180 (Half-value Angle: 45.2°)

Total Luminous Flux: 2252lm

ArcPad 48 CW - 38°x 13°



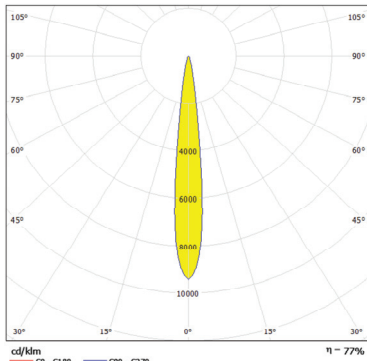
Distance [m]	Cone Diameter [m]	E(0°) E(C0)	E(18.9°) E(C30)	E(6.3°) E(C20)
0.5	0.34 0.11	4657 1950 22193		
1.0	0.68 0.22	11137 4897 5518		
1.5	1.03 0.33	4950 2177 2466		
2.0	1.37 0.44	2784 1224 1387		
2.5	1.71 0.55	1782 784 888		
3.0	2.05 0.66	1237 544 616		

Distance [m] Cone Diameter [m] Illuminance [lx]
 — C0 - C180 (Half-value Angle: 12.8°)
 — C90 - C270 (Half-value Angle: 37.8°)

Total Luminous Flux: 2470lm

Photometric Data:

ArcPad 48 RGBCW - 12°



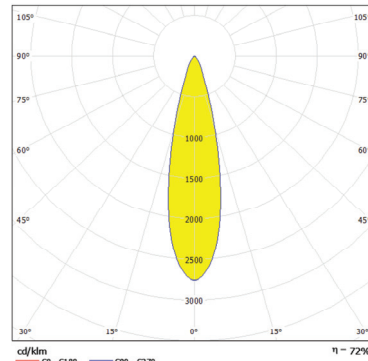
Distance [m]	Cone Diameter [m]	E(0°) E(C0)	E(0°) E(C0)
0.5	0.11	19490 5208	6.4°
1.0	0.22	2625 1303	6.4°
1.5	0.34	1165 574	6.4°
2.0	0.45	656 324	6.4°
2.5	0.56	436 282	6.4°
3.0	0.67	294 146	6.4°

Distance [m] Cone Diameter [m] Illuminance [lx]

— C0 - C180 (Half-value Angle: 12.0°)
— C90 - C270 (Half-value Angle: 12.0°)

Total Luminous Flux: 2784lm

ArcPad 48 RGBCW - 25°



Distance [m]	Cone Diameter [m]	E(0°) E(C0)	E(0°) E(C0)
0.5	0.23	3070 1426	12.7°
1.0	0.45	767 394	12.7°
1.5	0.68	341 184	12.7°
2.0	0.90	190 81	12.7°
2.5	1.13	128 59	12.7°
3.0	1.35	83 36	12.7°

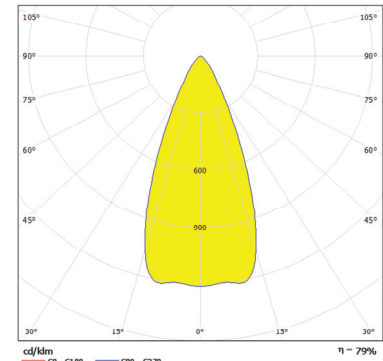
Distance [m] Cone Diameter [m] Illuminance [lx]

— C0 - C180 (Half-value Angle: 25.0°)
— C90 - C270 (Half-value Angle: 25.0°)

Total Luminous Flux: 2784lm

For foot Candles divide lux by 10.7

ArcPad 48 RGBCW - 45°



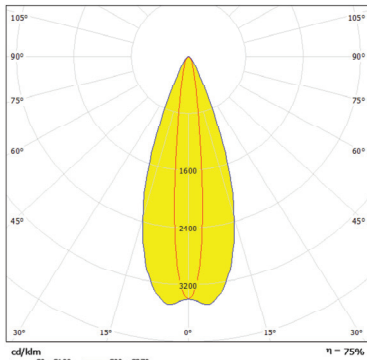
Distance [m]	Cone Diameter [m]	E(0°) E(C0)	E(0°) E(C0)
0.5	0.42	1361 533	22.6°
1.0	0.83	337 138	22.6°
1.5	1.25	150 59	22.6°
2.0	1.67	84 33	22.6°
2.5	2.09	54 24	22.6°
3.0	2.50	37 14	22.6°

Distance [m] Cone Diameter [m] Illuminance [lx]

— C0 - C180 (Half-value Angle: 45.2°)
— C90 - C270 (Half-value Angle: 45.2°)

Total Luminous Flux: 2784lm

ArcPad 48 RGBCW - 38°x 13°



Distance [m]	Cone Diameter [m]	E(0°) E(C0)	E(0°) E(C0)
0.5	0.35 0.11	3218 1308 1999	19.2° 6.3°
1.0	0.70 0.22	804 340 367	19.2° 6.3°
1.5	1.04 0.33	376 154 172	19.2° 6.3°
2.0	1.39 0.44	202 82 97	19.2° 6.3°
2.5	1.74 0.55	127 37 68	19.2° 6.3°
3.0	2.09 0.66	84 27 42	19.2° 6.3°

Distance [m] Cone Diameter [m] Illuminance [lx]

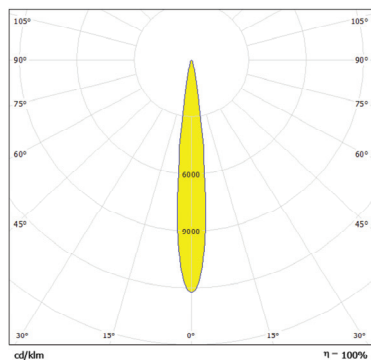
— C0 - C180 (Half-value Angle: 12.6°)
— C90 - C270 (Half-value Angle: 38.4°)

Total Luminous Flux: 2364lm

Photometric Data:

For foot Candles divide lux by 10.7

ArcPad 48 SW - 12°

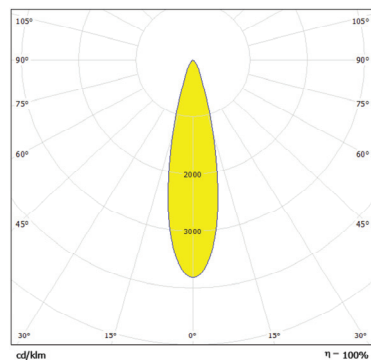


Distance [m]	Cone Diameter [m]	E(0°) E(C0)	E(64°) E(C20)
0.5	0.11	137511 66203	64°
1.0	0.22	34378 17051	64°
1.5	0.34	15279 7578	64°
2.0	0.45	8994 4363	64°
2.5	0.56	5500 2708	64°
3.0	0.67	3820 1895	64°

Distance [m] Cone Diameter [m] Illuminance [lx]
 — C0 - C180 (Half-value Angle: 12.8°)
 — C90 - C270

Total Luminous Flux: 2805lm

ArcPad 48 SW - 25°

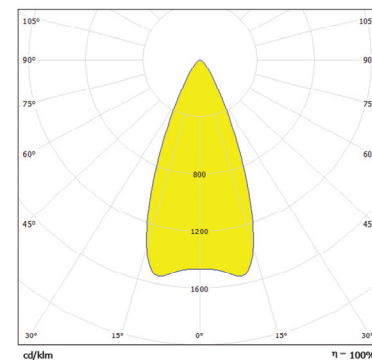


Distance [m]	Cone Diameter [m]	E(0°) E(C0)	E(12.5°) E(C9)
0.5	0.22	39988 18325	12.5°
1.0	0.44	9774 4761	12.5°
1.5	0.67	4344 2036	12.5°
2.0	0.89	2444 1145	12.5°
2.5	1.11	1564 753	12.5°
3.0	1.33	1086 509	12.5°

Distance [m] Cone Diameter [m] Illuminance [lx]
 — C0 - C180 (Half-value Angle: 25.0°)
 — C90 - C270

Total Luminous Flux: 2557lm

ArcPad 48 Sw - 45°

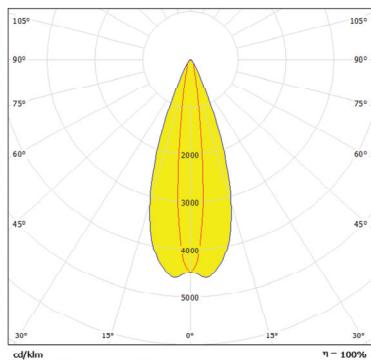


Distance [m]	Cone Diameter [m]	E(0°) E(C0)	E(22.5°) E(C9)
0.5	0.41	14011 5990	22.5°
1.0	0.83	3553 1460	22.5°
1.5	1.24	1579 660	22.5°
2.0	1.66	888 371	22.5°
2.5	2.07	568 258	22.5°
3.0	2.49	395 165	22.5°

Distance [m] Cone Diameter [m] Illuminance [lx]
 — C0 - C180 (Half-value Angle: 45.0°)
 — C90 - C270

Total Luminous Flux: 2422lm

ArcPad 48 SW - 38°x 13°



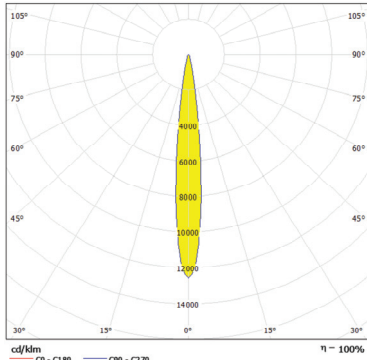
Distance [m]	Cone Diameter [m]	E(0°) E(C0)	E(18.8°) E(C9)	E(6.5°) E(C3)
0.5	0.34	49813 20112 22616	18.8°	6.5°
1.0	0.68	12428 5023 5654	18.8°	6.5°
1.5	1.02	5990 2440 2513	18.8°	6.5°
2.0	1.36	2963 1263 1413	18.8°	6.5°
2.5	1.70	1833 808 905	18.8°	6.5°
3.0	2.04	1273 561 628	18.8°	6.5°

Distance [m] Cone Diameter [m] Illuminance [lx]
 — C0 - C180 (Half-value Angle: 13.0°)
 — C90 - C270 (Half-value Angle: 37.6°)

Total Luminous Flux: 2560lm

Photometric Data:

ArcPad 48 WW - 12°

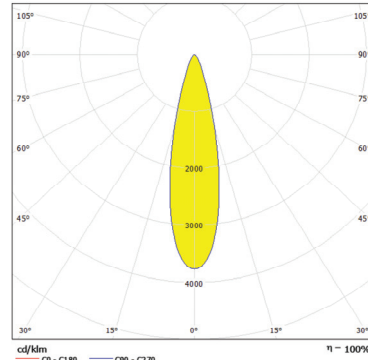


Distance [m]	Cone Diameter [m]	E(0°)	E(C0)	E(C90)
0.5	0.11	128642	62°	62693
1.0	0.22	31641	62°	15673
1.5	0.33	14062	62°	6966
2.0	0.43	7919	62°	3918
2.5	0.54	5062	62°	2508
3.0	0.65	3516	62°	1741

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

Total Luminous Flux: 2522lm

ArcPad 48 WW - 25°



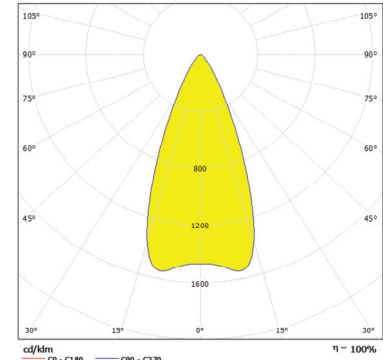
Distance [m]	Cone Diameter [m]	E(0°)	E(C0)	E(C90)
0.5	0.22	34242	12.5°	16111
1.0	0.44	8560	12.5°	4008
1.5	0.67	3805	12.5°	1790
2.0	0.89	2340	12.5°	1007
2.5	1.11	1370	12.5°	644
3.0	1.33	951	12.5°	448

Distance [m] Cone Diameter [m] Illuminance [lx]
C0 - C180 (Half-value Angle: 25.8°)

Total Luminous Flux: 2270lm

For foot Candles divide lux by 10.7

ArcPad 48 WW - 45°

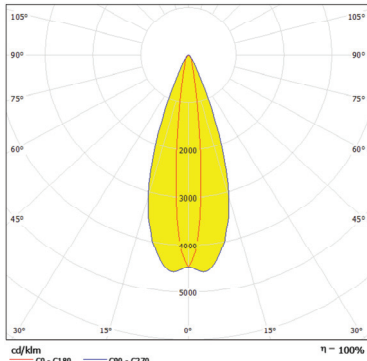


Distance [m]	Cone Diameter [m]	E(0°)	E(C0)	E(C90)
0.5	0.41	13881	22.4°	5388
1.0	0.82	3220	22.4°	1247
1.5	1.24	1431	22.4°	599
2.0	1.65	865	22.4°	337
2.5	2.06	515	22.4°	216
3.0	2.47	358	22.4°	150

Distance [m] Cone Diameter [m] Illuminance [lx]
C0 - C180 (Half-value Angle: 44.8°)

Total Luminous Flux: 2190lm

ArcPad 48 WW - 38°x 13°



Distance [m]	Cone Diameter [m]	E(0°)	E(C90)	E(C0)
0.5	0.34 0.11	42007	18.9°	18664
1.0	0.68 0.23	10502	18.9°	4661
1.5	1.03 0.34	4667	18.9°	2090
2.0	1.37 0.46	2825	18.9°	1250
2.5	1.71 0.57	1680	18.9°	736
3.0	2.05 0.68	1167	18.9°	511

Distance [m] Cone Diameter [m] Illuminance [lx]
C0 - C180 (Half-value Angle: 13.6°)
C90 - C270 (Half-value Angle: 37.8°)

Total Luminous Flux: 2353lm