



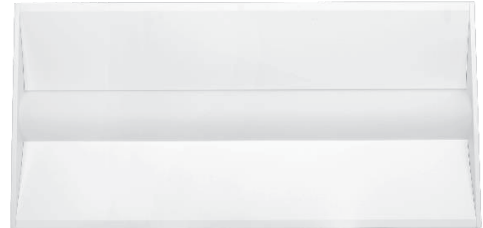
LED VOLUMETRIC TROFFER FIELD ADJUSTABLE SERIES 120



1x4 Volumetric Troffer 15W / 19W / 24W / 29W
Measurements: L 47.7" x W 11.8" x D 1.8"



2x2 Volumetric Troffer 15W / 19W / 24W / 29W
Measurements: L 23.8" x W 23.8" x D 2.2"



2x4 Volumetric Troffer 24W / 29W / 32W / 39W
Measurements: L 47.7" x W 23.8" x D 2.2"

FEATURES: Selectable Wattage and CCT, Glare-free lighting and 100,000 hours lifetime.

APPLICATIONS: Commercial, Retail, Office, and Warehouse Spaces. Factories, Schools, and Exhibition Halls.

CONSTRUCTION

Steel and aluminum frame with matte white finish. The entire fixture functions as a heat sink to keep the LEDs cooler to prolong the life of the light.

ELECTRICAL

Available as 120-277V input. Operating temperature -4°F to 122°F (-20°C to 50°C).

OPTICAL SYSTEM

Samsung 2835 LED chips. 150° beam angle.

INSTALLATION AND MOUNTING

Fits most pre-existing troffers. Surface mount kit and recessed kit available.

CONTROLS AND DIMMING

0-10V dimming comes standard. Suite for use with LED dimmers. Emergency backup driver available.

CERTIFICATION AND WARRANTY

DLC Listed Premium and UL Certified. 5-year limited warranty. Actual performance may differ as a result of end-user environment and application.



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ORDERING EXAMPLE: 120-22TRXX-29-50-DIM

FORM FACTOR	*WATTAGE (TUNABLE)	*CCT (TUNABLE)	VOLTAGE	DIMMING	MOUNT TYPE	ACCESSORY
120-14TRXX=1x4 Volumetric Troffer	29=15W / 19W / 24W / 29W	50=3500K 4000K 5000K	[Blank]=120-277V	DIM=0-10V Continuous Dimming	[Blank]=None SM=Surface Mount RM=Recessed Mount	[Blank]= None EM=Emergency Backup Driver
120-22TRXX=2x2 Volumetric Troffer	29=15W / 19W / 24W / 29W					
120-24TRXX=2x4 Volumetric Troffer	39=24W / 29W / 32W / 39W					

Default Wattage is the highest wattage
Default CCT: 5,000K

TECHNICAL PARAMETERS

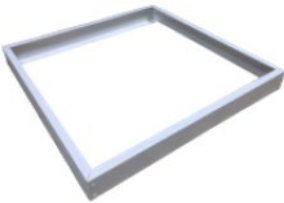
Fixture	120-14TRXX				120-22TRXX			
Input Voltage (AC)	120V-277V				120V-277V			
Rated Wattage	15W	19W	24W	29W	15W	19W	24W	29W
Delivered Lumens	2,118lm	2,683lm	3,390lm	4,095lm	2,109lm	2,672lm	3,375lm	4,078lm
Efficacy	141.26lm/W				140.65lm/W			
CRI	82.2				82.1			
CCT	3500K / 4000K / 5000K				3500K / 4000K / 5000K			
Lifespan (Hours)	100,000				100,000			
Power Factor	0.9787				0.9771			
THD	10.5%				10.6%			
Dimming	0-10V Continuous Dimming				0-10V Continuous Dimming			
Operating Temperature	-20°C to 50°C, -4°F to 122°F				-20°C to 50°C, -4°F to 122°F			

Fixture	120-24TRXX			
Input Voltage (AC)	120V-277V			
Rated Wattage	24W	29W	32W	39W
Delivered Lumens	3,262lm	3,941lm	4,394lm	5,296lm
Efficacy	135.93lm/W			
CRI	82.6			
CCT	3500K / 4000K / 5000K			
Lifespan (Hours)	100,000			
Power Factor	0.9637			
THD	7.12%			
Dimming	0-10V Continuous Dimming			
Operating Temperature	-20°C to 50°C, -4°F to 122°F			

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MOUNTING OPTIONS

Surface Mount



Recessed Mount



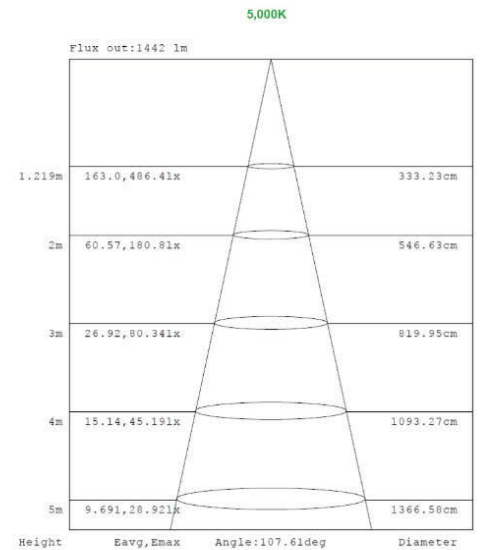
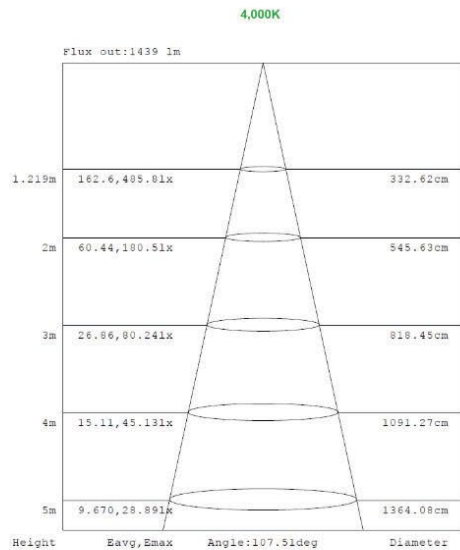
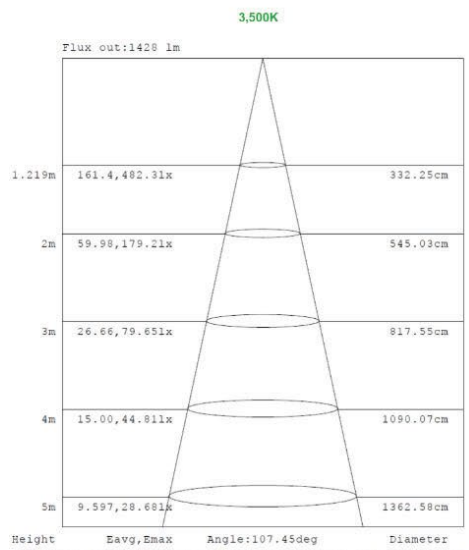
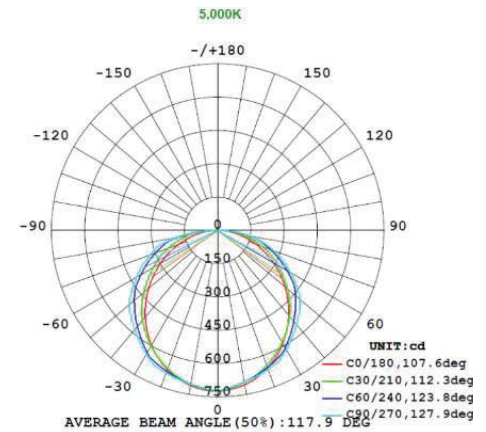
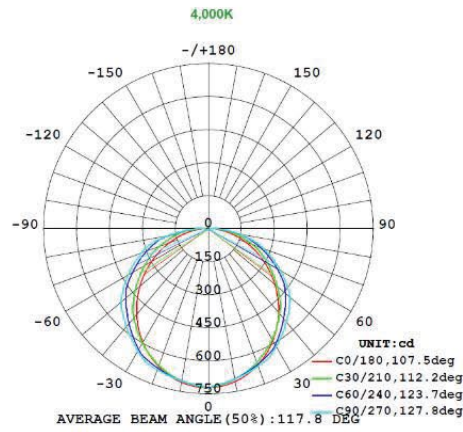
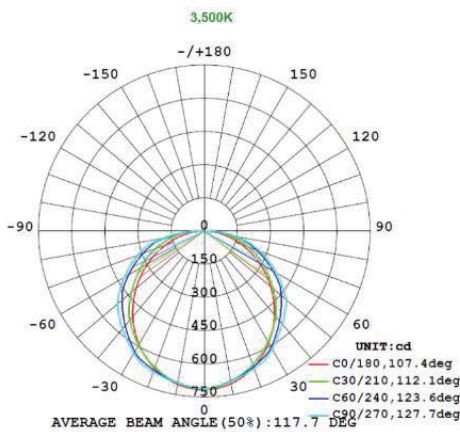
PHOTOMETRIC DATA

1x4 Volumetric Troffer 15W (19W / 24W / 29W available upon request)

3500K

4000K

5000K



Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

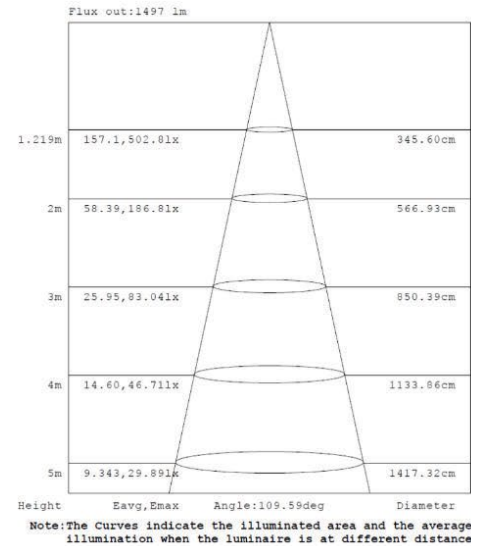
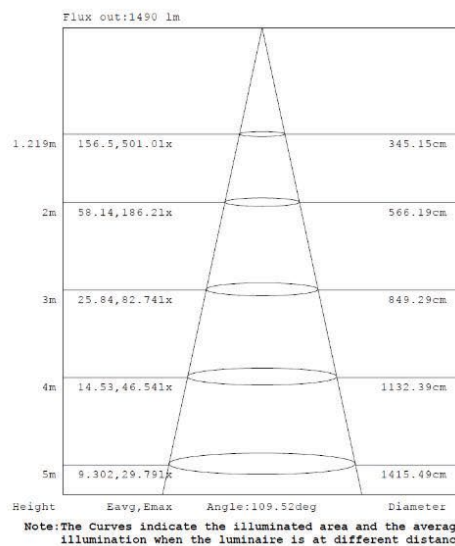
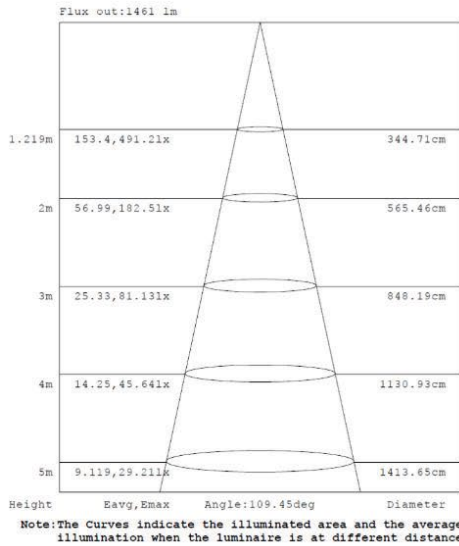
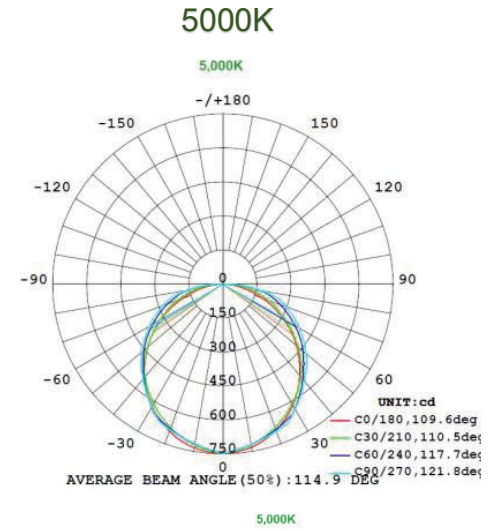
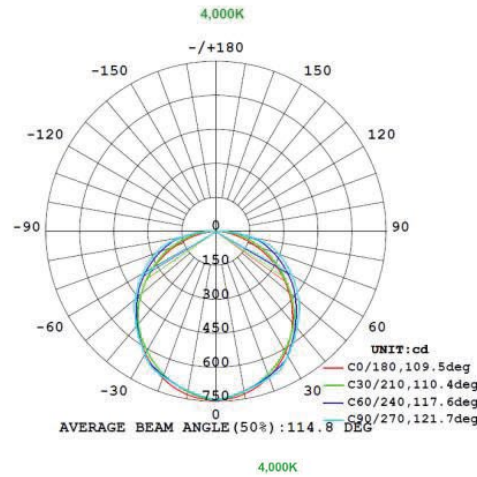
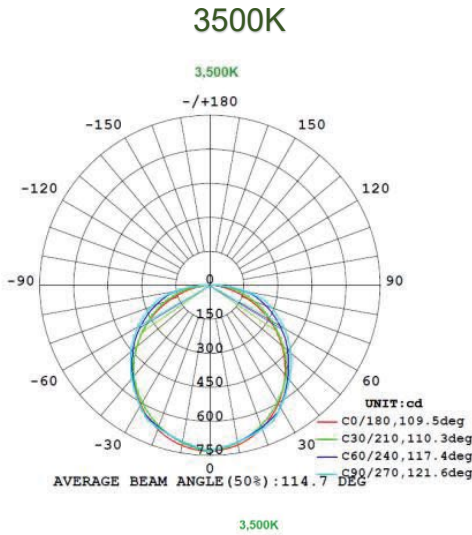
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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2x2 Volumetric Troffer 15W 4000K

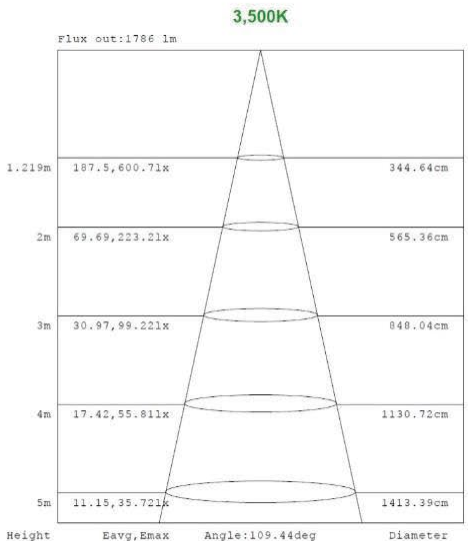
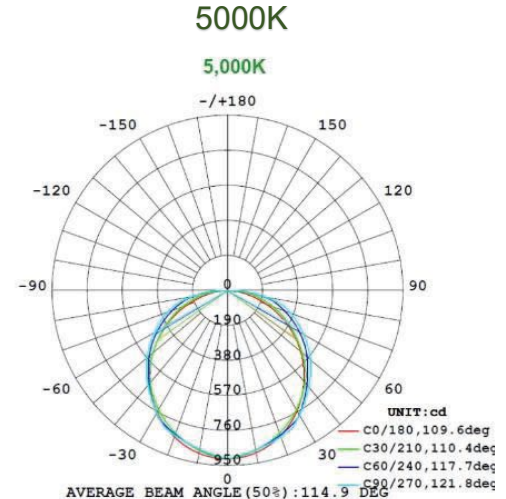
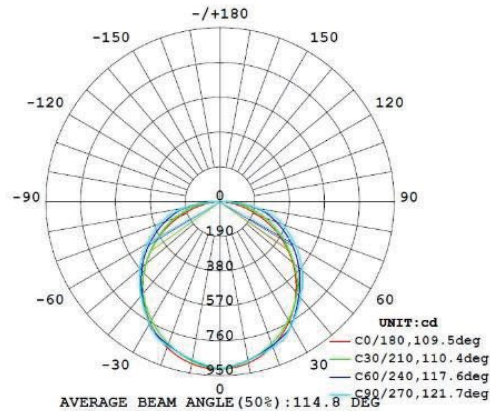
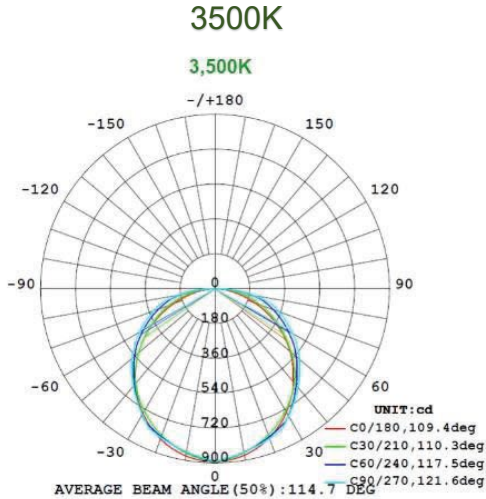


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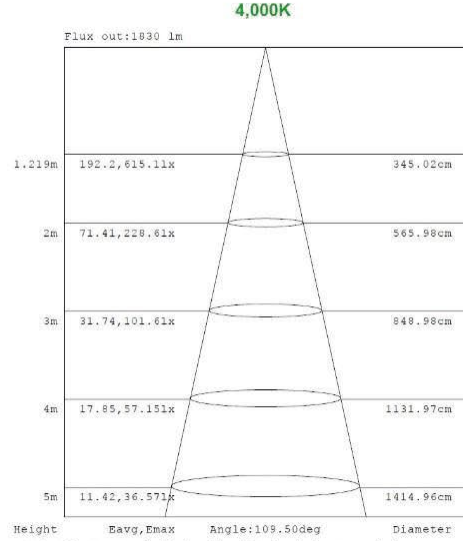
2x2 Volumetric Troffer 19W

4000K

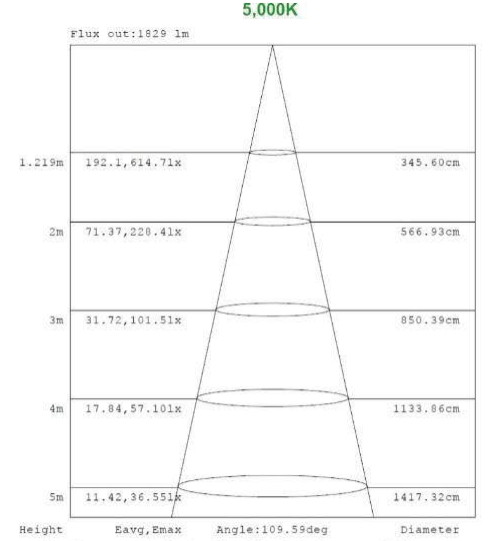
4,000K



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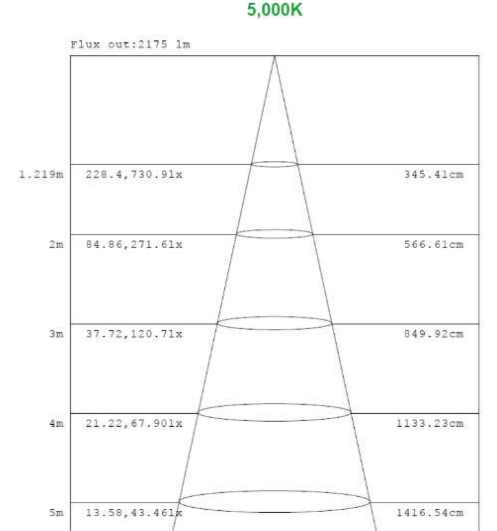
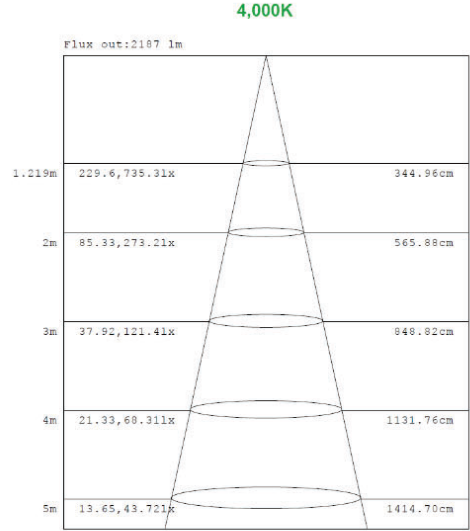
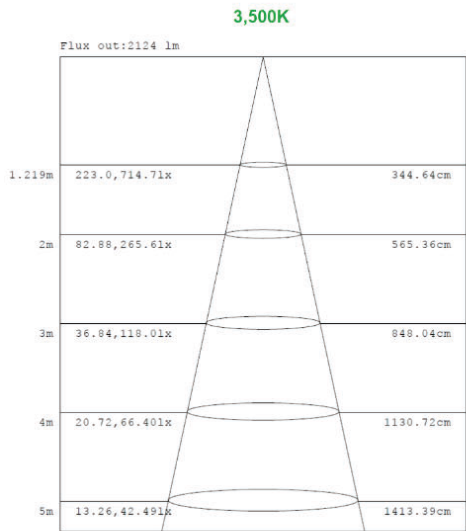
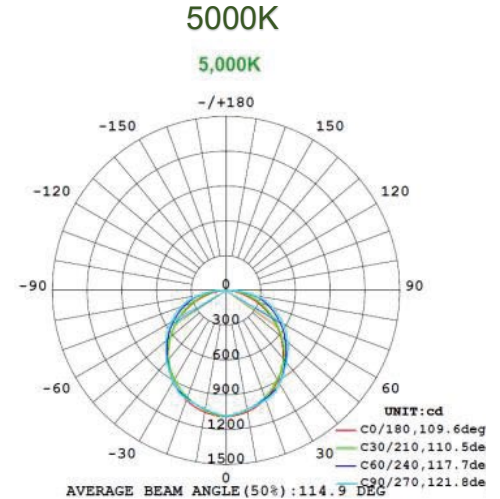
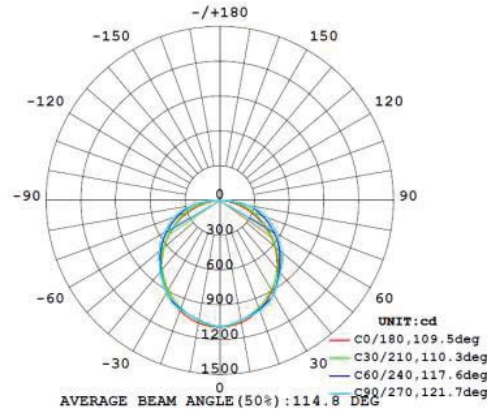
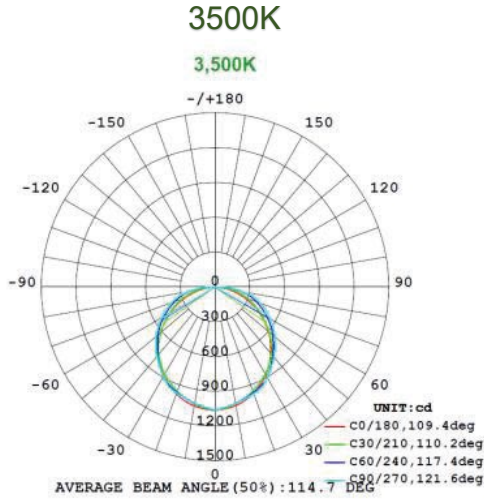
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2x2 Volumetric Troffer 24W

4000K

4,000K



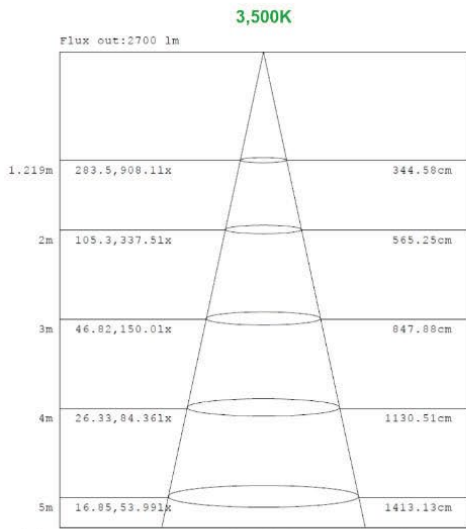
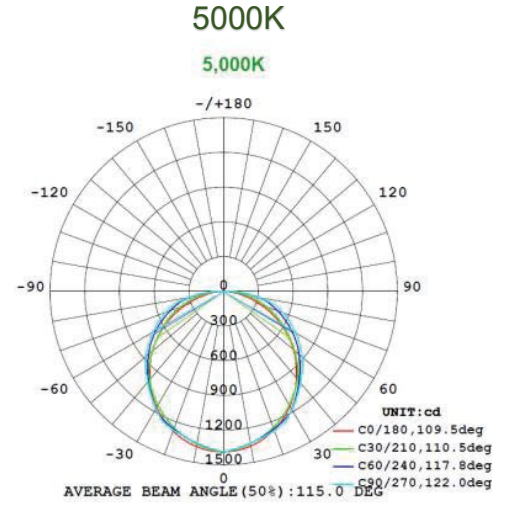
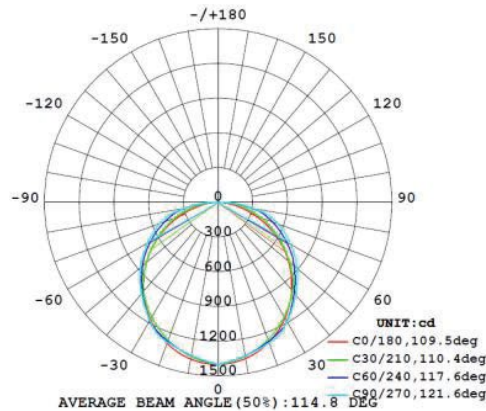
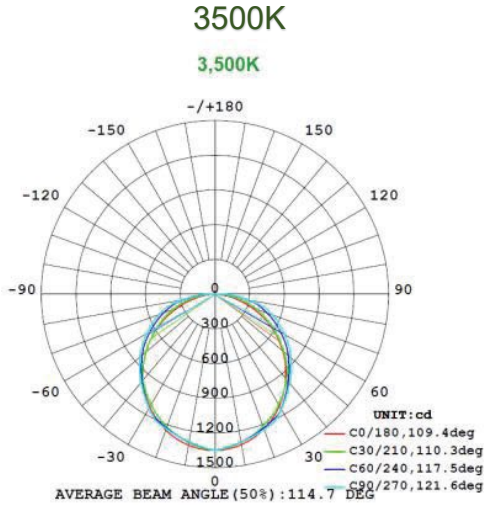


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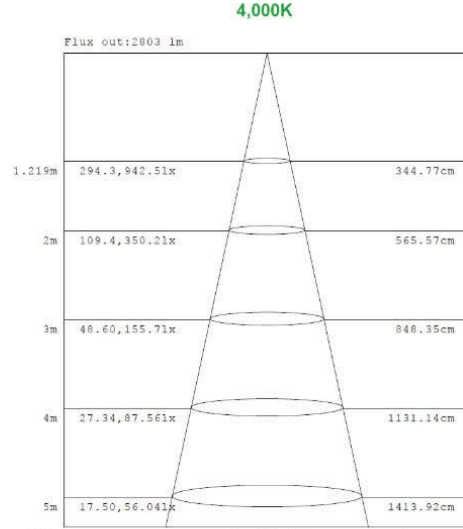
2x2 Volumetric Troffer 29W

4000K

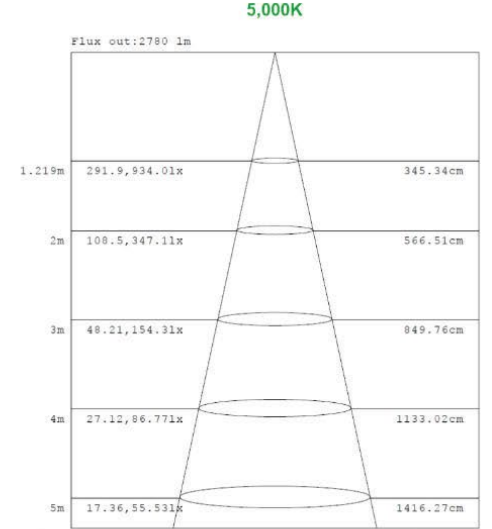
4,000K



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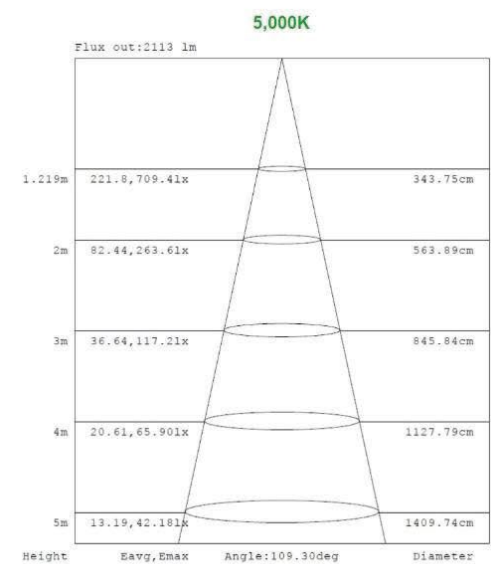
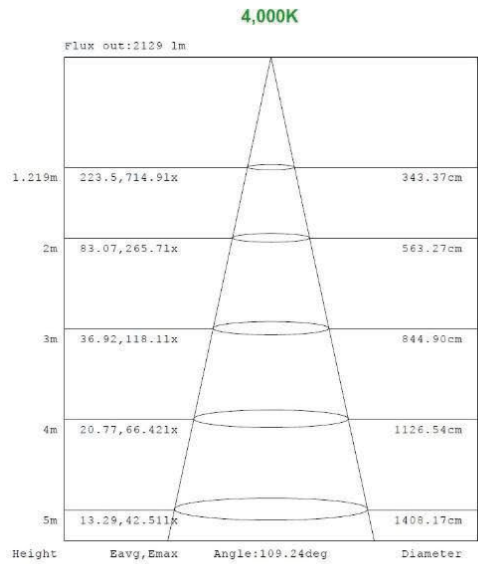
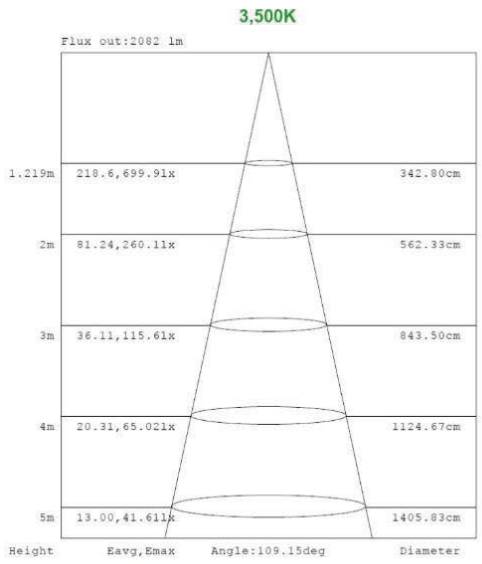
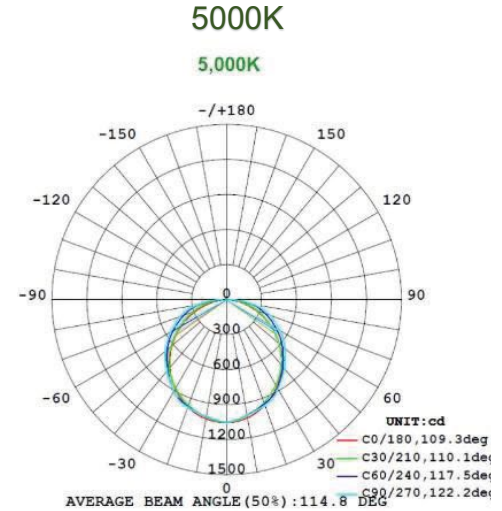
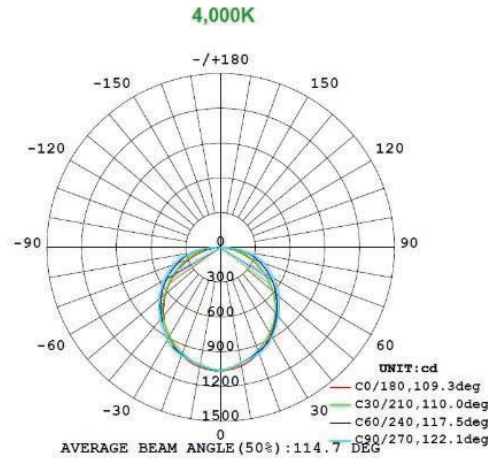
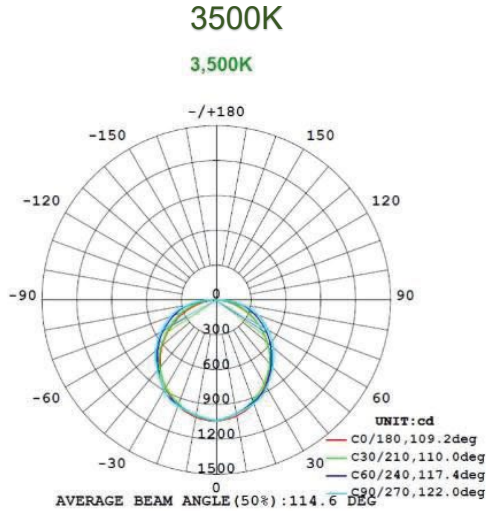
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

LED VOLUMETRIC TROFFER FIELD ADJUSTABLE
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2x4 Volumetric Troffer 24W

4000K

4,000K



Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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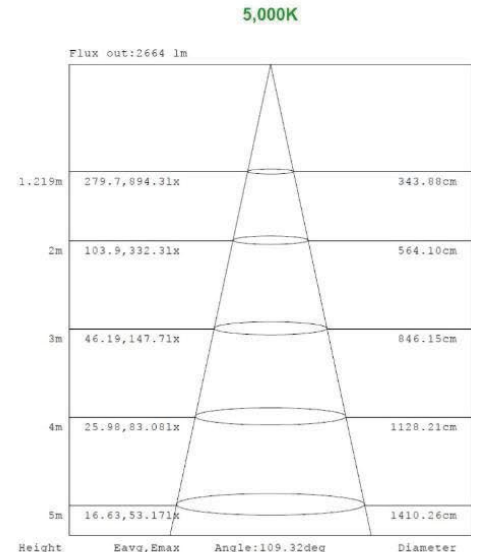
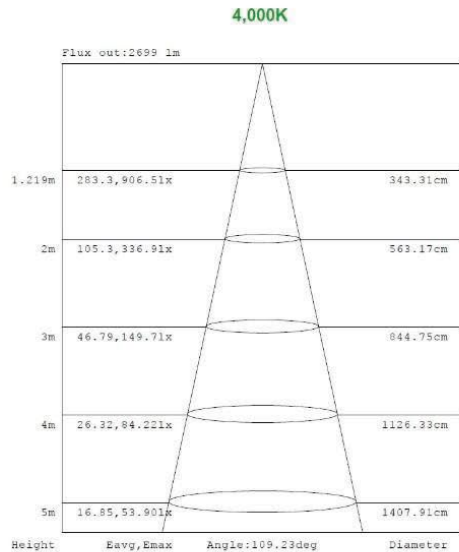
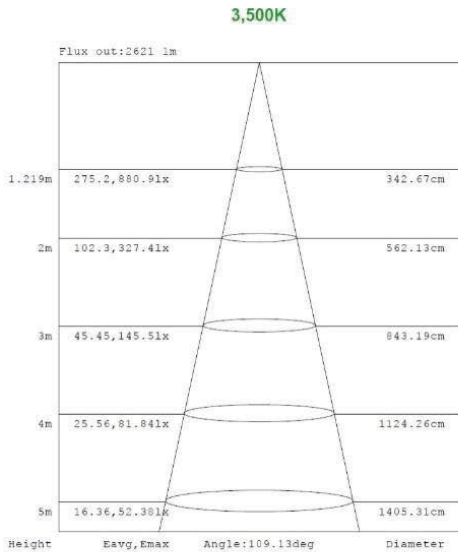
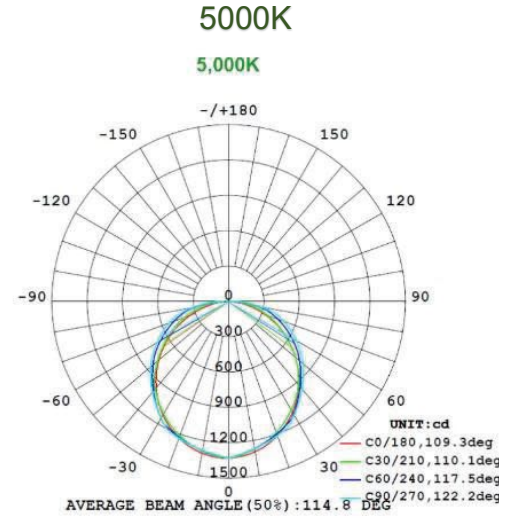
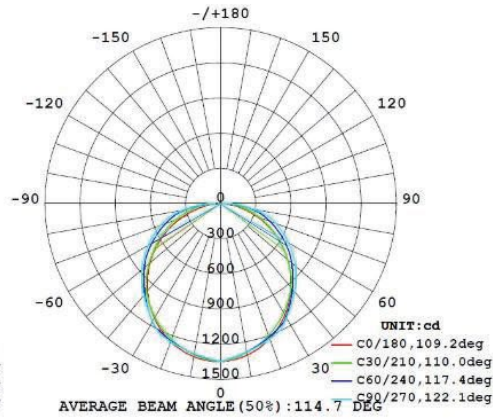
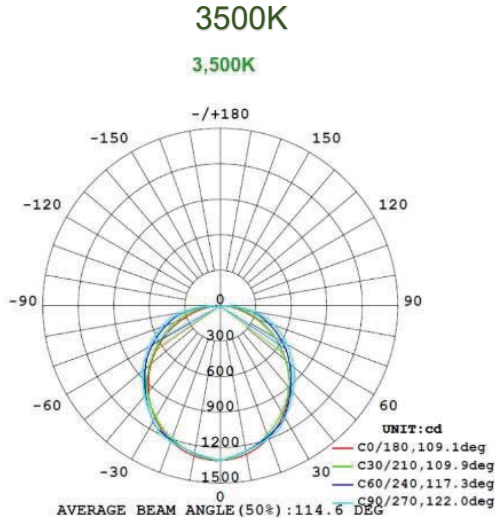
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LED VOLUMETRIC TROFFER FIELD ADJUSTABLE
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2x4 Volumetric Troffer 29W

4000K

4,000K



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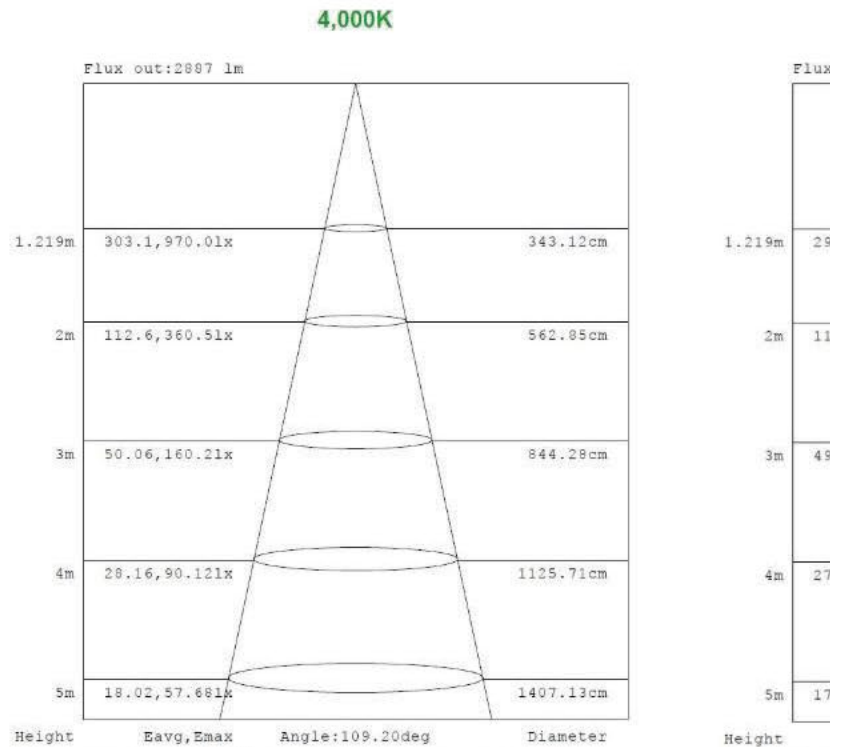
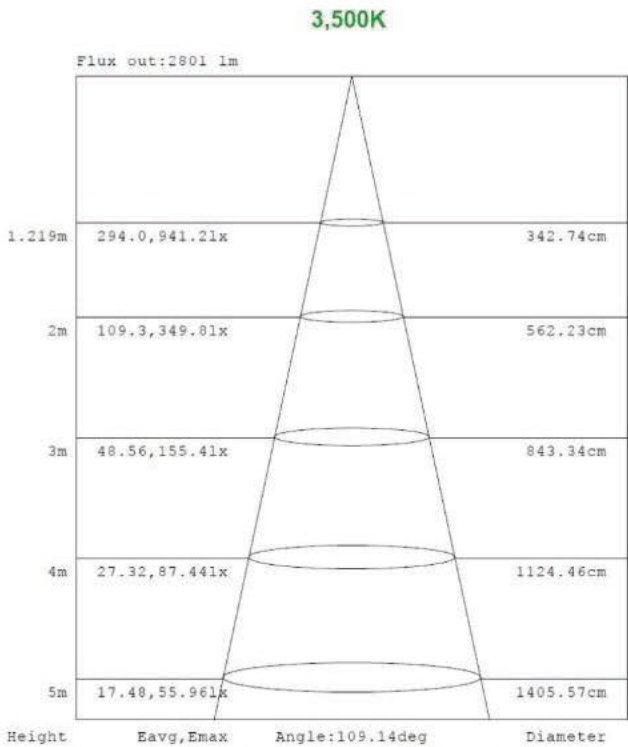
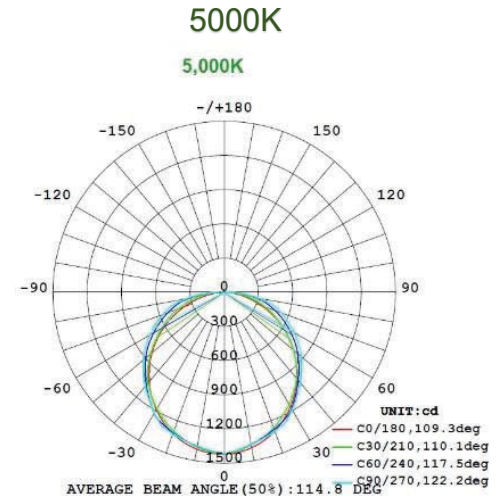
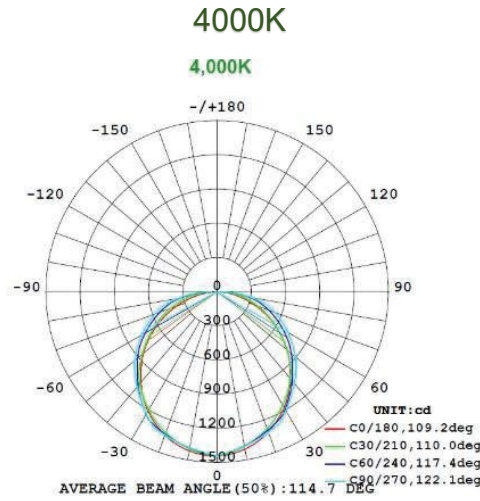
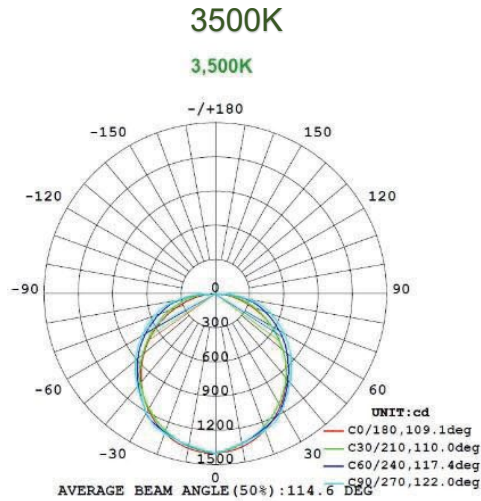
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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LED VOLUMETRIC TROFFER FIELD ADJUSTABLE SERIES 120

2x4 Volumetric Troffer 32W



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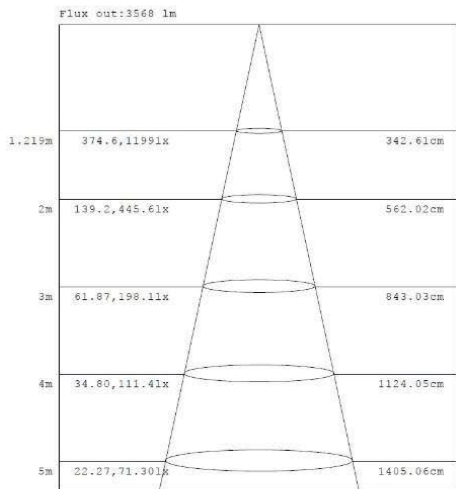
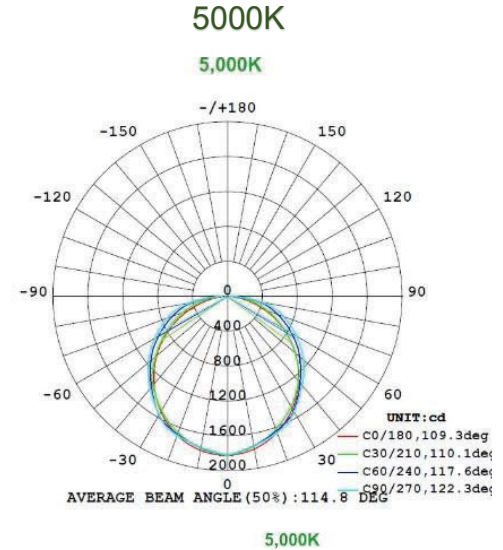
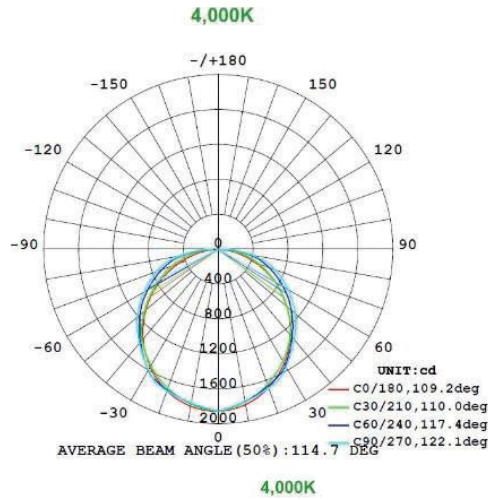
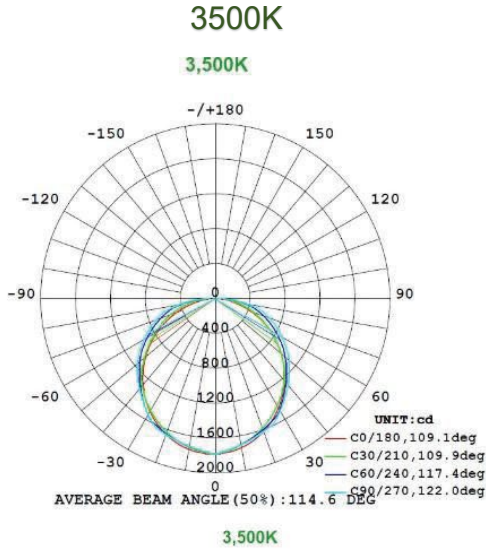
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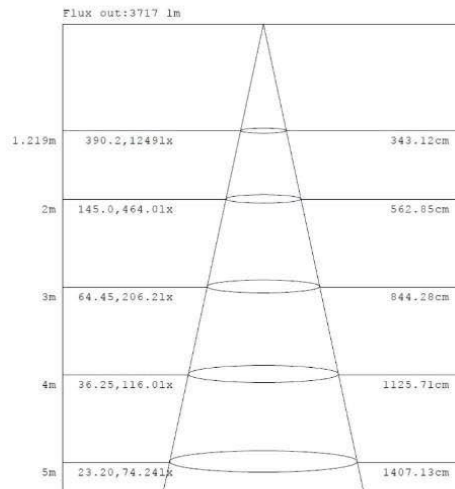
2x4 Volumetric Troffer 39W

4000K

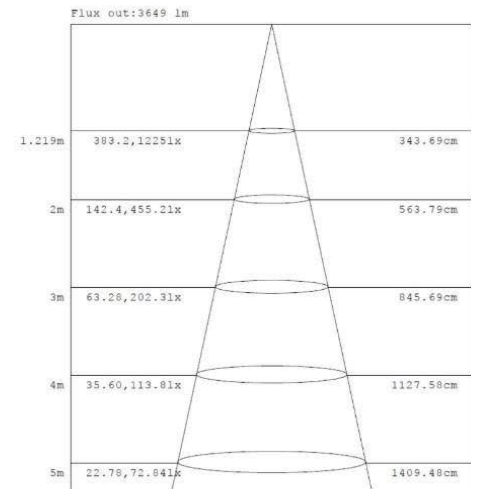
4,000K



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