



TRAXON Plus⁺

Cove Light Plus AC RGBW Quad CE



Project: _____
Type: _____



IP40
Dry/Damp Location



DMX 512



RDM

The Traxon Cove Light Plus is an AC powered, slim, high brightness profile that effortlessly integrates into any architectural setting. Featuring DMX or RDM control, RGBW color options and a wide range of optical choices, its elegant modular design conceals powerful LED technology, allowing you to create a soft, uniform glow that bathes your surroundings in a captivating, gentle radiance.

This product is intended for use in high-quality colored light applications.

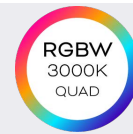
Features

- DMX / RDM control
- Easy installation and maintenance
- DMX version: Auto-addressing
- RDM version: Auto-addressing or Manual Addressing via RDM

Technologies

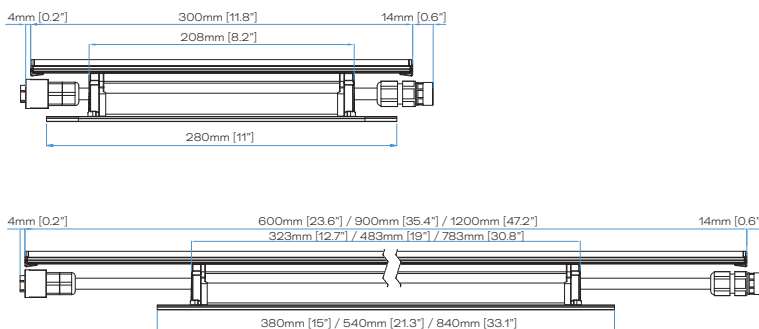
- DMX / RDM Control
- Auto-Addressing / Manual Addressing

Color Options

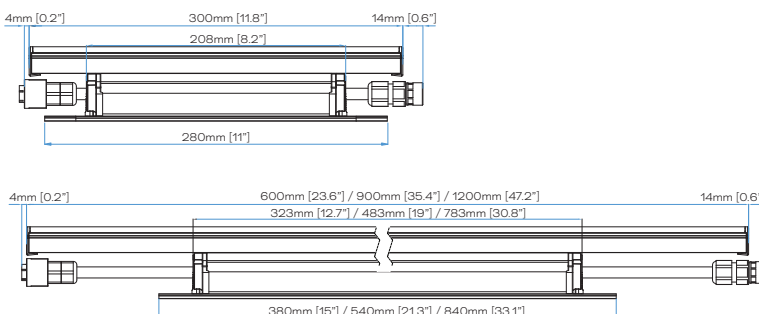


Dimensions

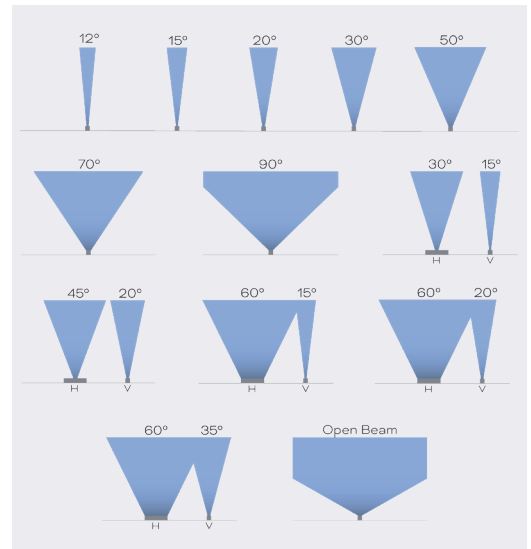
Open Beam Version



Optic Version



Beam Angles



Product Specifications

	Open Beam Version				Optic Version			
Length Option	300mm [1ft]	600mm [2ft]	900mm [3ft]	1200mm [4ft]	300mm [1ft]	600mm [2ft]	900mm [3ft]	1200mm [4ft]
Pixels	1	2 (1 pixel is on demand)	3 (1 pixel is on demand)	4 (1 / 2 pixel is on demand)	1	2 (1 pixel is on demand)	3 (1 pixel is on demand)	4 (1 / 2 pixel is on demand)
Color Range	RGBW (W=3000K); RGBW (W=4000K) is on demand Dominant wavelength: Red: 625nm / Green: 525nm / Blue: 465nm							
Color Resolution	16-Bit Grayscale, Gamma 2.2							
Refresh Rate	PWM 16k Hz							
LED Quantity	RGBW Quad (Q) LED 21 pcs	RGBW Quad (Q) LED 42 pcs	RGBW Quad (Q) LED 63 pcs	RGBW Quad (Q) LED 84 pcs	RGBW Quad (Q) LED 12 pcs	RGBW Quad (Q) LED 24 pcs	RGBW Quad (Q) LED 36 pcs	RGBW Quad (Q) LED 48 pcs
Beam Angle	Open Beam				12°, 15°, 20°, 30°, 50°, 70°, 90°, 35°x15°, 45°x20°, 60°x15°, 60°x20°, 60°x35°			
Luminous Flux (Clear Optical Lens)	3W: 120 lm 5W: 225 lm 8W: 368 lm 12W: 564 lm	6W: 258 lm 10W: 480 lm 16W: 784 lm 24W: 1200 lm	9W: 387 lm 15W: 720 lm 24W: 1176 lm 36W: 1836 lm	12W: 540 lm 20W: 1000 lm 32W: 1632 lm 48W: 2544 lm	3W: 102 lm (12°) 5W: 190 lm (12°) 8W: 312 lm (12°) 12W: 480 lm (12°)	6W: 204 lm (12°) 10W: 380 lm (12°) 16W: 624 lm (12°) 24W: 960 lm (12°)	9W: 324 lm (12°) 15W: 600 lm (12°) 24W: 984 lm (12°) 36W: 1512 lm (12°)	12W: 432 lm (12°) 20W: 800 lm (12°) 32W: 1312 lm (12°) 48W: 2016 lm (12°)
Luminous Flux (Frosted Optical Lens)	3W: 111 lm 5W: 205 lm 8W: 336 lm 12W: 516 lm	6W: 234 lm 10W: 440 lm 16W: 720 lm 24W: 1104 lm	9W: 360 lm 15W: 675 lm 24W: 1104 lm 36W: 1692 lm	12W: 492 lm 20W: 920 lm 32W: 1504 lm 48W: 2352 lm	3W: 93 lm (12°) 5W: 175 lm (12°) 8W: 288 lm (12°) 12W: 444 lm (12°)	6W: 186 lm (12°) 10W: 350 lm (12°) 16W: 576 lm (12°) 24W: 888 lm (12°)	9W: 297 lm (12°) 15W: 555 lm (12°) 24W: 888 lm (12°) 36W: 1404 lm (12°)	12W: 396 lm (12°) 20W: 740 lm (12°) 32W: 1184 lm (12°) 48W: 1872 lm (12°)
Efficacy (Clear Optical Lens)	3W: 40 lm/W 5W: 45 lm/W 8W: 46 lm/W 12W: 47 lm/W	6W: 43 lm/W 10W: 48 lm/W 16W: 49 lm/W 24W: 50 lm/W	9W: 43 lm/W 15W: 48 lm/W 24W: 49 lm/W 36W: 51 lm/W	12W: 45 lm/W 20W: 50 lm/W 32W: 51 lm/W 48W: 53 lm/W	3W: 34 lm/W (12°) 5W: 38 lm/W (12°) 8W: 39 lm/W (12°) 12W: 40 lm/W (12°)	6W: 34 lm/W (12°) 10W: 38 lm/W (12°) 16W: 39 lm/W (12°) 24W: 40 lm/W (12°)	9W: 36 lm/W (12°) 15W: 40 lm/W (12°) 24W: 41 lm/W (12°) 36W: 42 lm/W (12°)	12W: 36 lm/W (12°) 20W: 40 lm/W (12°) 32W: 41 lm/W (12°) 48W: 42 lm/W (12°)
Efficacy (Frosted Optical Lens)	3W: 37 lm/W 5W: 41 lm/W 8W: 42 lm/W 12W: 43 lm/W	6W: 39 lm/W 10W: 44 lm/W 16W: 45 lm/W 24W: 46 lm/W	9W: 40 lm/W 15W: 45 lm/W 24W: 46 lm/W 36W: 47 lm/W	12W: 41 lm/W 20W: 46 lm/W 32W: 47 lm/W 48W: 49 lm/W	3W: 31 lm/W (12°) 5W: 35 lm/W (12°) 8W: 36 lm/W (12°) 12W: 37 lm/W (12°)	6W: 31 lm/W (12°) 10W: 35 lm/W (12°) 16W: 36 lm/W (12°) 24W: 37 lm/W (12°)	9W: 33 lm/W (12°) 15W: 37 lm/W (12°) 24W: 37 lm/W (12°) 36W: 39 lm/W (12°)	12W: 33 lm/W (12°) 20W: 37 lm/W (12°) 32W: 37 lm/W (12°) 48W: 39 lm/W (12°)
CRI	≥ 80 (White LED)							
Housing	Aluminum LED module + PC body							
Housing Finish	White							
Optical Lens (cover)	Clear PC / Frosted PC							
Mounting	Surface Mount, optional mounting accessories are available							
Adjustment Options	-90° to +90°							
Dimensions ¹ (L x W x H)	300 x 38 x 49mm 11.8" x 1.5" x 1.9"	600 x 38 x 49mm 23.6" x 1.5" x 1.9"	900 x 38 x 49mm 35.4" x 1.5" x 1.9"	1200 x 38 x 49mm 47.2" x 1.5" x 1.9"	300 x 38 x 60mm 11.8" x 1.5" x 2.4"	600 x 38 x 60mm 23.6" x 1.5" x 2.4"	900 x 38 x 60mm 35.4" x 1.5" x 2.4"	1200 x 38 x 60mm 47.2" x 1.5" x 2.4"
Weight	0.44kg [0.97lbs]	0.79kg [1.74lbs]	1.06kg [2.34lbs]	1.53kg [3.37lbs]	0.46kg [1.01lbs]	0.83kg [1.83lbs]	1.12kg [2.47lbs]	1.61kg [3.55lbs]
Regulatory Listing & Safety Approval	Electrical Protection Class II, UKCA, CE							
Operating Temperature	-20°C to +45°C / -4°F to +113°F							
Storage Temperature	-30°C to +60°C / -22°F to +140°F							
Environment	Indoor, IP40, Dry / Damp Location							
Humidity	10-90%, non-condensing							

Electrical Specifications

Operating Voltage	220-240V AC 50 / 60Hz							
Power Consumption (W)	3 / 5 / 8 / 12	6 / 10 / 16 / 24	9 / 15 / 24 / 36	12 / 20 / 32 / 48	3 / 5 / 8 / 12	6 / 10 / 16 / 24	9 / 15 / 24 / 36	12 / 20 / 32 / 48
Lumen Maintenance	L70 @ 25°C – 80000 hours							

System Specifications

Power Supply	AC line							
Control	DMX512 RDM (Remote Device Management) RDM Personalities: RGBW equal current mode (Default), RGBW White balance mode (RGBW30 full on to 4000K), Dynamic boost mode							
Addressing Options	DMX version: Auto-addressing RDM version: Auto-addressing or Manual Addressing via RDM							

¹: 450mm (18") length available by request. Please see your regional Traxon team regarding available and limitations.

LED CHARACTERISTICS Because LEDs are semiconductor devices, their performances are subject to inherent variability commonly found in semiconductor industry. To improve consistency in performance across the same product, LED manufacturers "sort" LEDs into bins according to different preset parameters, such as forward driving voltage, illumination, etc. Whereas binning is a sorting function, it is not a correction process. Inherent variability in the manufacturing process results always in different binning distributions according to different production lots. Traxon uses automatically binned LEDs on its products, thereby minimizing output variations within the model range.

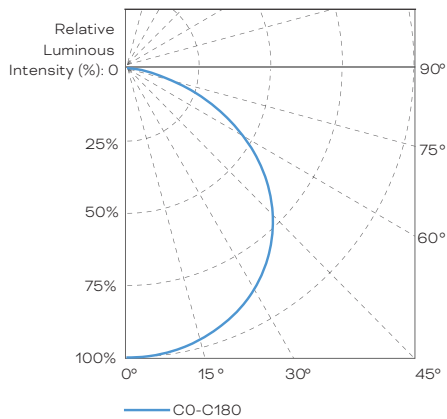
As with all electronic devices, LED output degrades over time – a term called lumen depreciation. This also explains why it is nearly impossible to expect photometric performances of two LED products with different service life spans to be the same. The rate of LED degrade is a complicated function of many factors such as operating efficiency, duration of continuous operation, and more significantly, environmental conditions (ambient temperature for example). If allowed working under optimal operating temperature range and with good ventilation, LED devices enjoy long service lives over conventional light sources. When using/installing LED devices, care should be taken to ensure that the devices will operate within the operating conditions specified in respective product literature.

Lumen measurement complies with LM-79-08 standard.
Lumen maintenance is calculated based on LM-80 compliant measurement.

Source Specifications (Clear Optical Lens)

Length Option	300mm [1ft]	600mm [2ft]	900mm [3ft]	1200mm [4ft]
Source	RGBW Quad (Q) LED 21 pcs	RGBW Quad (Q) LED 42 pcs	RGBW Quad (Q) LED 63 pcs	RGBW Quad (Q) LED 84 pcs
Optics	Open Beam			

Candela Distribution



Light Output

		Color	Luminous Flux per Meter (lm)	Center Intensity (cd)	Efficacy (lm/W)
300mm [1ft]	3W	RGBW (FULL ON)	120.0	41	40.0
	5W		225.0	77	45.0
	8W		368.0	126	46.0
	12W		564.0	193	47.0
600mm [2ft]	6W	RGBW (FULL ON)	258.0	88	43.0
	10W		480.0	164	48.0
	16W		784.0	268	49.0
	24W		1200.0	410	50.0
900mm [3ft]	9W	RGBW (FULL ON)	387.0	132	43.0
	15W		720.0	246	48.0
	24W		1176.0	401	49.0
	36W		1836.0	627	51.0
1200mm [4ft]	12W	RGBW (FULL ON)	540.0	184	45.0
	20W		1000.0	341	50.0
	32W		1632.0	557	51.0
	48W		2544.0	869	53.0

Illuminance at a Distance

	Center Beam LUX/klm	Beam Width
0.5m	1365	1.61m / 5.28'
1m	341	3.21m / 10.53'
1.5m	152	4.82m / 15.81'
2.0m	85	6.43m / 21.10'
2.5m	55	8.03m / 26.35'
3m	38	9.64m / 31.63'

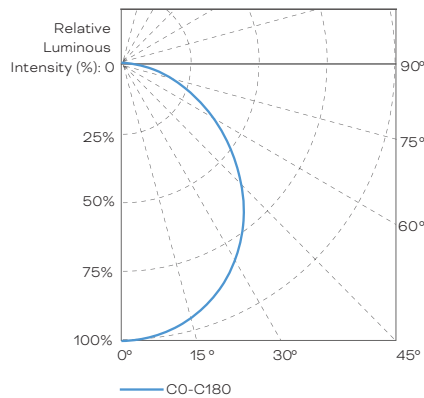
Horiz.Spread: 116.2°

For Foot-candle divide by 10.7
IES and LDT files are available for download from the Traxon website.

Source Specifications (Frosted Optical Lens)

Length Option	300mm [1ft]	600mm [2ft]	900mm [3ft]	1200mm [4ft]
Source	RGBW Quad (Q) LED 21 pcs	RGBW Quad (Q) LED 42 pcs	RGBW Quad (Q) LED 63 pcs	RGBW Quad (Q) LED 84 pcs
Optics	Open Beam			

Candela Distribution



Light Output

		Color	Luminous Flux per Meter (lm)	Center Intensity (cd)	Efficacy (lm/W)
300mm [1ft]	3W	RGBW (FULL ON)	110.4	42	36.8
	5W		207.0	79	41.4
	8W		338.6	129	46.0
	12W		518.9	198	43.2
600mm [2ft]	6W	RGBW (FULL ON)	237.4	91	39.6
	10W		441.6	169	44.2
	16W		721.3	275	45.1
	24W		1104.0	421	46.0
900mm [3ft]	9W	RGBW (FULL ON)	356.0	136	39.6
	15W		662.4	253	44.2
	24W		1081.9	413	45.1
	36W		1689.1	645	46.9
1200mm [4ft]	12W	RGBW (FULL ON)	496.8	190	41.4
	20W		920.0	351	46.0
	32W		1501.4	573	46.9
	48W		2340.5	893	48.8

Illuminance at a Distance

	Center Beam LUX/klm	Beam Width	
0.5m	1526	1.28m / 4.20'	1.6'
1m	381	2.56m / 8.40'	3.3'
1.5m	170	3.84m / 12.60'	4.9'
2.0m	95	5.12m / 16.80'	6.6'
2.5m	61	6.40m / 21.00'	8.2'
3m	42	7.68m / 25.20'	9.8'

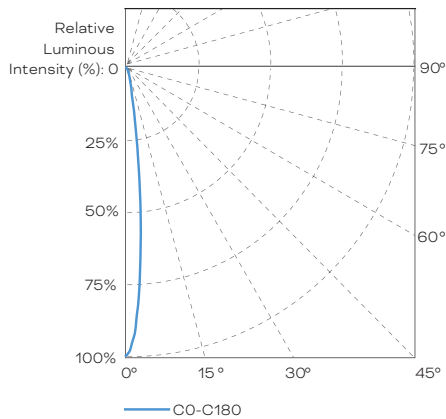
Horiz.Spread: 104.0°

For Foot-candle divide by 10.7
IES and LDT files are available for download from the Traxon website.

Source Specifications (Clear Optical Lens)

Length Option	300mm [1ft]	600mm [2ft]	900mm [3ft]	1200mm [4ft]
Source	RGBW Quad (Q) LED 12 pcs	RGBW Quad (Q) LED 24 pcs	RGBW Quad (Q) LED 36 pcs	RGBW Quad (Q) LED 48 pcs
Optics	12°			

Candela Distribution



Light Output

		Color	Luminous Flux per Meter (lm)	Center Intensity (cd)	Efficacy (lm/W)
300mm [1ft]	3W	RGBW (FULL ON)	102.0	800	34.0
	5W		190.0	1490	38.0
	8W		312.0	2446	39.0
	12W		480.0	3764	40.0
600mm [2ft]	6W	RGBW (FULL ON)	204.0	1599	34.0
	10W		380.0	2979	38.0
	16W		624.0	4893	39.0
	24W		960.0	7527	40.0
900mm [3ft]	9W	RGBW (FULL ON)	324.0	2540	36.0
	15W		600.0	4704	40.0
	24W		984.0	7715	41.0
	36W		1512.0	11855	42.0
1200mm [4ft]	12W	RGBW (FULL ON)	432.0	3387	36.0
	20W		800.0	6273	40.0
	32W		1312.0	10287	41.0
	48W		2016.0	15807	42.0

Illuminance at a Distance

	Center Beam LUX/klm	Beam Width	
0.5m	31364	0.11m / 0.36'	1.6'
1m	7841	0.22m / 0.72'	3.3'
1.5m	3485	0.33m / 1.08'	4.9'
2.0m	1960	0.43m / 1.41'	6.6'
2.5m	1255	0.54m / 1.77'	8.2'
3m	871	0.65m / 2.13'	9.8'

Horiz.Spread: 12.4°

For Foot-candle divide by 10.7
IES and LDT files are available for download from the Traxon website.

To estimate additional photometric data, use the following lumen factor:

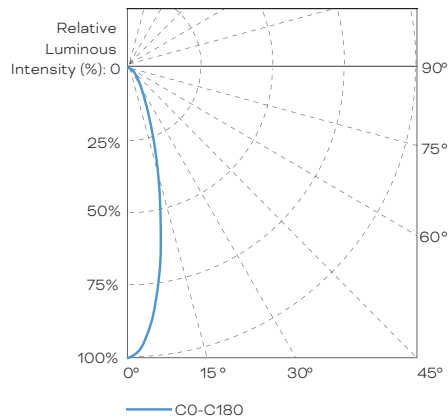
	Efficacy (Frosted Optical Lens)
Lumen factors	0.92

The photometric data of the Frosted Optical Lens is 92% of the equivalent Clear Optical Lens.
Multiply the lumen data of the Frosted Optical Lens by the above factor.

Source Specifications (Clear Optical Lens)

Length Option	300mm [1ft]	600mm [2ft]	900mm [3ft]	1200mm [4ft]
Source	RGBW Quad (Q) LED 12 pcs	RGBW Quad (Q) LED 24 pcs	RGBW Quad (Q) LED 36 pcs	RGBW Quad (Q) LED 48 pcs
Optics	30°			

Candela Distribution



Light Output

		Color	Luminous Flux per Meter (lm)	Center Intensity (cd)	Efficacy (lm/W)
300mm [1ft]	3W	RGBW (FULL ON)	91.8	213	30.6
	5W		171.0	397	34.2
	8W		280.8	652	35.1
	12W		432.0	1003	36.0
600mm [2ft]	6W	RGBW (FULL ON)	183.6	426	30.6
	10W		342.0	794	34.2
	16W		561.6	1304	35.1
	24W		864.0	2007	36.0
900mm [3ft]	9W	RGBW (FULL ON)	291.6	677	32.4
	15W		540.0	1254	36.0
	24W		885.6	2057	36.9
	36W		1360.8	3161	37.8
1200mm [4ft]	12W	RGBW (FULL ON)	388.8	903	32.4
	20W		720.0	1672	36.0
	32W		1180.8	2743	36.9
	48W		1814.4	4214	37.8

Illuminance at a Distance

	Center Beam LUX/klm	Beam Width	
0.5m	9288	0.25m / 0.82'	1.6'
1m	2322	0.47m / 1.54'	3.3'
1.5m	1032	0.71m / 2.33'	4.9'
2.0m	581	0.95m / 3.12'	6.6'
2.5m	372	1.18m / 3.87'	8.2'
3m	258	1.42m / 4.66'	9.8'

For Foot-candle divide by 10.7
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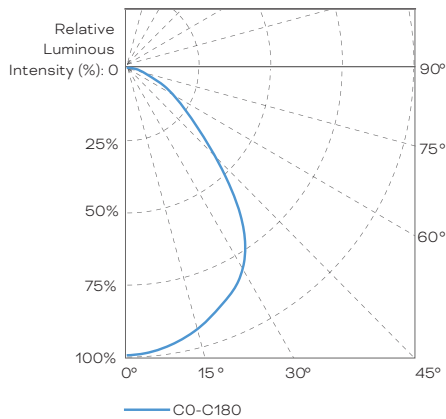
To estimate additional photometric data, use the following lumen factor:

	Efficacy (Frosted Optical Lens)
Lumen factors	0.92
The photometric data of the Frosted Optical Lens is 92% of the equivalent Clear Optical Lens. Multiply the lumen data of the Frosted Optical Lens by the above factor.	

Source Specifications (Clear Optical Lens)

Length Option	300mm [1ft]	600mm [2ft]	900mm [3ft]	1200mm [4ft]
Source	RGBW Quad (Q) LED 12 pcs	RGBW Quad (Q) LED 24 pcs	RGBW Quad (Q) LED 36 pcs	RGBW Quad (Q) LED 48 pcs
Optics	90°			

Candela Distribution



Light Output

		Color	Luminous Flux per Meter (lm)	Center Intensity (cd)	Efficacy (lm/W)
300mm [1ft]	3W	RGBW (FULL ON)	91.8	46	30.6
	5W		171.0	85	34.2
	8W		280.8	140	35.1
	12W		432.0	216	36.0
600mm [2ft]	6W	RGBW (FULL ON)	183.6	92	30.6
	10W		342.0	171	34.2
	16W		561.6	280	35.1
	24W		864.0	431	36.0
900mm [3ft]	9W	RGBW (FULL ON)	291.6	146	32.4
	15W		540.0	270	36.0
	24W		885.6	442	36.9
	36W		1360.8	679	37.8
1200mm [4ft]	12W	RGBW (FULL ON)	388.8	194	32.4
	20W		720.0	359	36.0
	32W		1180.8	589	36.9
	48W		1814.4	906	37.8

Illuminance at a Distance

	Center Beam LUX/klm	Beam Width	
0.5m	1997	0.93m / 3.05'	1.6'
1m	499	1.87m / 6.14'	3.3'
1.5m	222	2.80m / 9.19'	4.9'
2.0m	125	3.73m / 12.24'	6.6'
2.5m	80	4.66m / 15.29'	8.2'
3m	55	5.60m / 18.37'	9.8'

Horiz.Spread: 86.0°

For Foot-candle divide by 10.7

IES and LDT files are available for download from the Traxon website.

To estimate additional photometric data, use the following lumen factor:

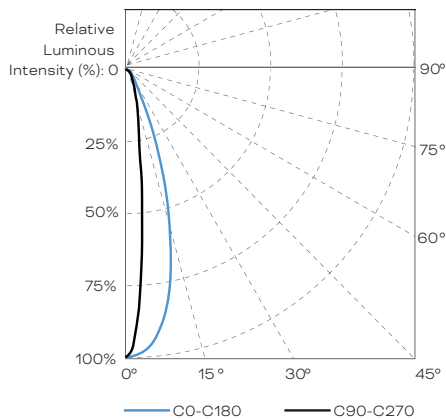
	Efficacy (Frosted Optical Lens)
Lumen factors	0.92

The photometric data of the Frosted Optical Lens is 92% of the equivalent Clear Optical Lens.
Multiply the lumen data of the Frosted Optical Lens by the above factor.

Source Specifications (Clear Optical Lens)

Length Option	300mm [1ft]	600mm [2ft]	900mm [3ft]	1200mm [4ft]
Source	RGBW Quad (Q) LED 12 pcs	RGBW Quad (Q) LED 24 pcs	RGBW Quad (Q) LED 36 pcs	RGBW Quad (Q) LED 48 pcs
Optics	35° x 15°			

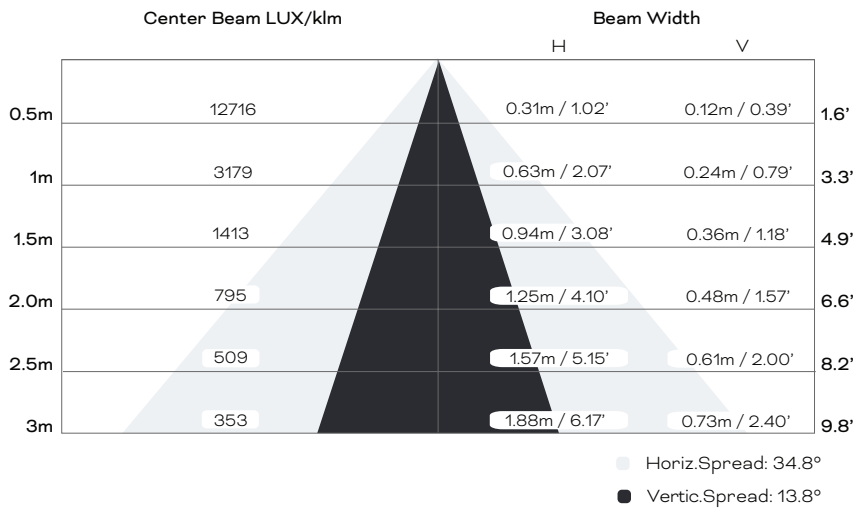
Candela Distribution



Light Output

		Color	Luminous Flux per Meter (lm)	Center Intensity (cd)	Efficacy (lm/W)
300mm [1ft]	3W	RGBW (FULL ON)	91.8	293	30.6
	5W		171.0	546	34.2
	8W		280.8	897	35.1
	12W		432.0	1380	36.0
600mm [2ft]	6W	RGBW (FULL ON)	183.6	586	30.6
	10W		342.0	1092	34.2
	16W		561.6	1794	35.1
	24W		864.0	2760	36.0
900mm [3ft]	9W	RGBW (FULL ON)	291.6	931	32.4
	15W		540.0	1725	36.0
	24W		885.6	2829	36.9
	36W		1360.8	4347	37.8
1200mm [4ft]	12W	RGBW (FULL ON)	388.8	1242	32.4
	20W		720.0	2300	36.0
	32W		1180.8	3772	36.9
	48W		1814.4	5796	37.8

Illuminance at a Distance



For fc divide by For Foot-candle divide by 10.7
IES and LDT files are available for download from the Traxon website.

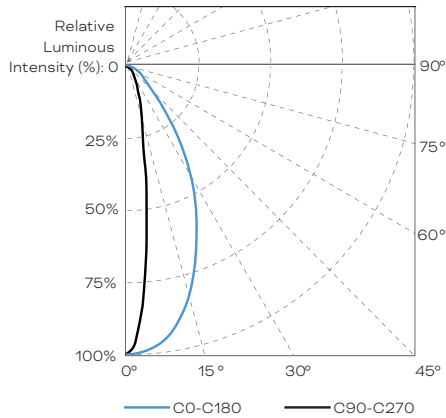
To estimate additional photometric data, use the following lumen factor:

	Efficacy (Frosted Optical Lens)
Lumen factors	0.92
The photometric data of the Frosted Optical Lens is 92% of the equivalent Clear Optical Lens. Multiply the lumen data of the Frosted Optical Lens by the above factor.	

Source Specifications (Clear Optical Lens)

Length Option	300mm [1ft]	600mm [2ft]	900mm [3ft]	1200mm [4ft]
Source	RGBW Quad (Q) LED 12 pcs	RGBW Quad (Q) LED 24 pcs	RGBW Quad (Q) LED 36 pcs	RGBW Quad (Q) LED 48 pcs
Optics	60° x 20°			

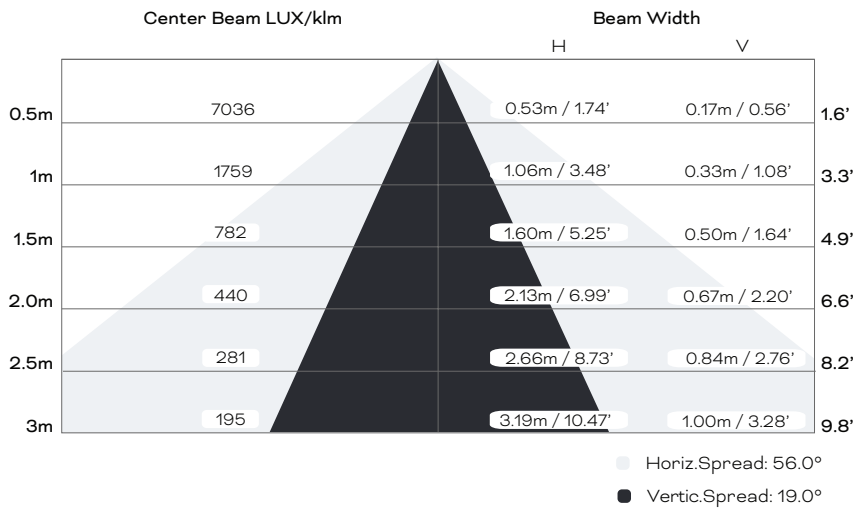
Candela Distribution



Light Output

		Color	Luminous Flux per Meter (lm)	Center Intensity (cd)	Efficacy (lm/W)
300mm [1ft]	3W	RGBW (FULL ON)	91.8	161	30.6
	5W		171.0	301	34.2
	8W		280.8	494	35.1
	12W		432.0	760	36.0
600mm [2ft]	6W	RGBW (FULL ON)	183.6	323	30.6
	10W		342.0	602	34.2
	16W		561.6	988	35.1
	24W		864.0	1520	36.0
900mm [3ft]	9W	RGBW (FULL ON)	291.6	513	32.4
	15W		540.0	950	36.0
	24W		885.6	1558	36.9
	36W		1360.8	2394	37.8
1200mm [4ft]	12W	RGBW (FULL ON)	388.8	684	32.4
	20W		720.0	1267	36.0
	32W		1180.8	2077	36.9
	48W		1814.4	3192	37.8

Illuminance at a Distance

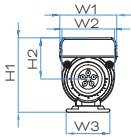
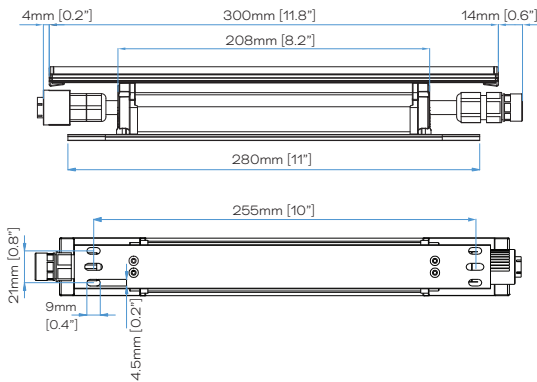


For Foot-candle divide by 10.7
IES and LDT files are available for download from the Traxon website.

To estimate additional photometric data, use the following lumen factor:

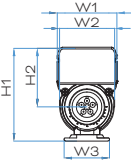
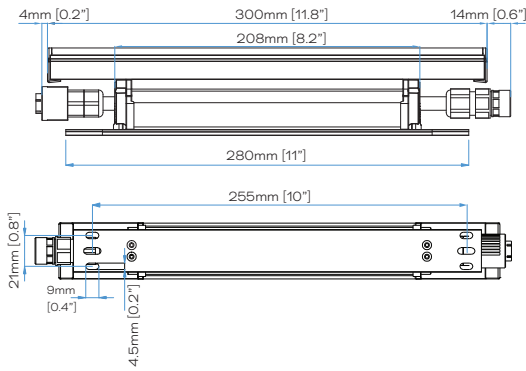
Efficacy (Frosted Optical Lens)	
Lumen factors	0.92
The photometric data of the Frosted Optical Lens is 92% of the equivalent Clear Optical Lens. Multiply the lumen data of the Frosted Optical Lens by the above factor.	

Fixture (Open Beam)



	W1	W2	W3	H1	H2
300mm [1ft]	38mm [1.5"]	35mm [1.4"]	29mm [1.1"]	49mm [1.9"]	27mm [1.1"]
600mm [2ft]	38mm [1.5"]	35mm [1.4"]	29mm [1.1"]	49mm [1.9"]	27mm [1.1"]
900mm [3ft]	38mm [1.5"]	35mm [1.4"]	29mm [1.1"]	49mm [1.9"]	27mm [1.1"]
1200mm [4ft]	38mm [1.5"]	35mm [1.4"]	29mm [1.1"]	49mm [1.9"]	27mm [1.1"]

Fixture (Optics)

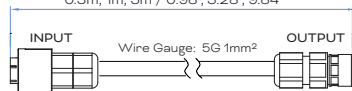


	W1	W2	W3	H1	H2
300mm [1ft]	38mm [1.5"]	35mm [1.4"]	29mm [1.1"]	60mm [2.4"]	38mm [1.5"]
600mm [2ft]	38mm [1.5"]	35mm [1.4"]	29mm [1.1"]	60mm [2.4"]	38mm [1.5"]
900mm [3ft]	38mm [1.5"]	35mm [1.4"]	29mm [1.1"]	60mm [2.4"]	38mm [1.5"]
1200mm [4ft]	38mm [1.5"]	35mm [1.4"]	29mm [1.1"]	60mm [2.4"]	38mm [1.5"]

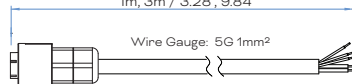
NOTE: Please see CAD files for additional dimensional data.

Connection Accessories

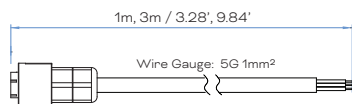
POWER + DMX INTERCONNECTION CABLE 0.3M / 1M / 3M CE
(CA.IC.SI.300300 / CA.IC.SI.301000 / CA.IC.SI.303000)
0.3m, 1m, 3m / 0.98', 3.28', 9.84'



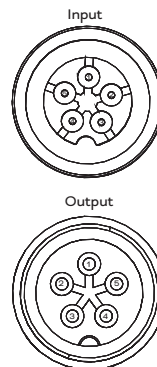
STARTER CABLE SI PWR / DMX 1M / 3M CE (CA.SC.SI.301000 / CA.SC.SI.303000)
STARTER CABLE SI 1M PWR/DMX CE & END CAP SI W/TERM (CA.SC.SI.301000 & END CAP SI W/TERM)
STARTER CABLE SI 3M PWR/DMX CE & END CAP SI W/TERM (CA.SC.SI.303000 & END CAP SI W/TERM)
1m, 3m / 3.28', 9.84'



POWER INPUT CABLE 1M / 3M CE
(CA.PC.SI.801000 / CA.PC.SI.803000)

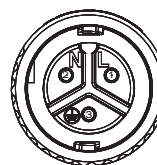


Connector Pin Assignment (Starter Cable / Interconnection Cable)



Wire#	Function	Color
1	DO NOT use	Green / Yellow
2	Neutral	Blue
3	DMX+	Violet
4	DMX-	Pink
5	Line	Brown

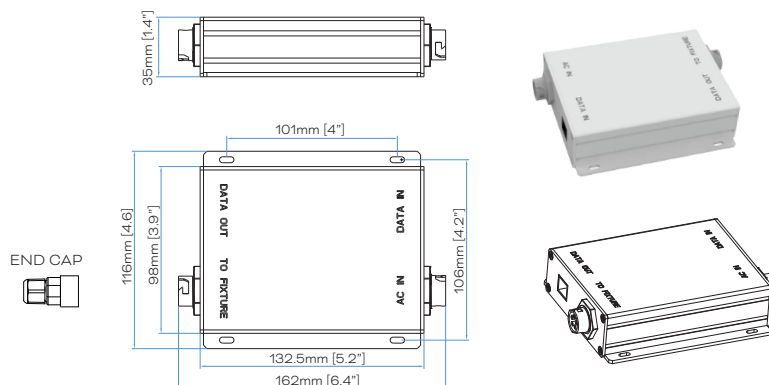
Connector Pin Assignment (Power Input Cable)



Wire#	Function	Color
1	Line	Brown
2	Neutral	Blue
3	DO NOT use	Green / Yellow

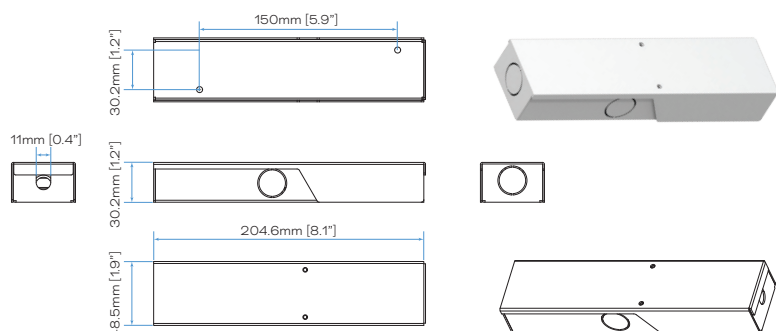
Cove Light Plus Injector

COVE LIGHT PLUS AC INJECTOR (DA23100474055)
COVE LIGHT PLUS AC INJECTOR & END CAP SI W/TERM (DL24302066655)



Cove Light Plus Wiring Box

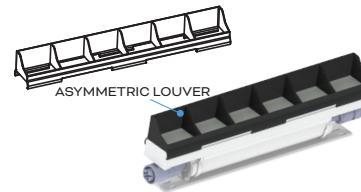
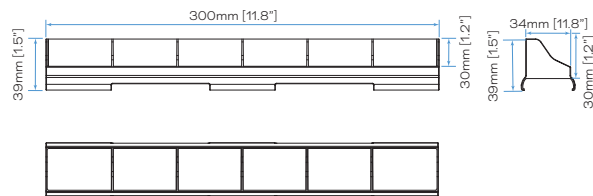
COVE LIGHT PLUS WIRING BOX (DA24102044355)



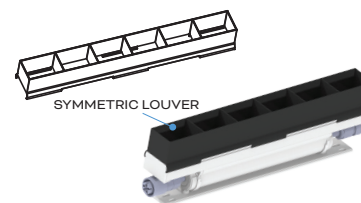
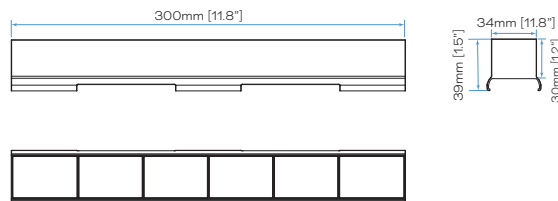
NOTE: Please see CAD files for additional dimensional data.

Optical Accessories

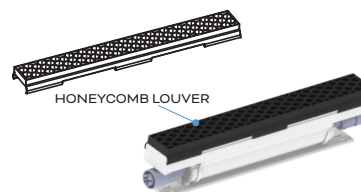
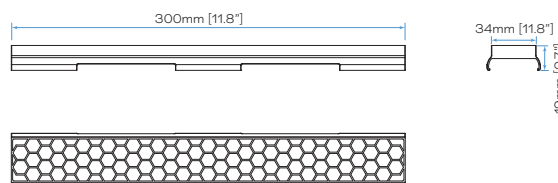
COVE LIGHT PLUS LOUVER (ASYM) 300



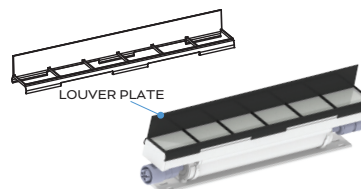
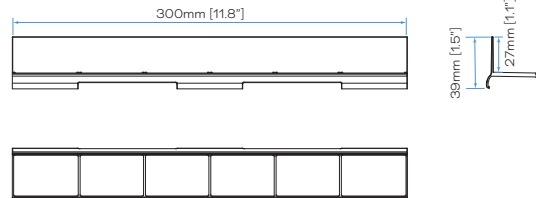
COVE LIGHT PLUS LOUVER (SYM) 300



COVE LIGHT PLUS HONEYCOMB LOUVER 300

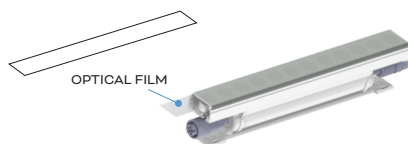


COVE LIGHT PLUS LOUVER PLATE 300

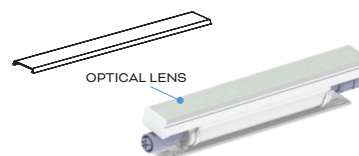


NOTE: All louver accessories are only available in 300mm (11.8") lengths. Fixture of 300mm or 1200mm length needs 1pc / 4pcs louvers respectively.

COVE LIGHT PLUS OPTICAL FILM (D) 300



COVE LIGHT PLUS OPTICAL LENS CLEAR / FROSTED 300



Mounting Accessories

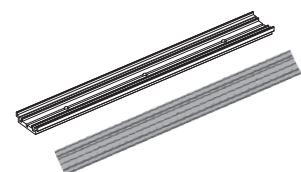
COVE LIGHT PLUS CLIP MOUNT (without Track)



COVE LIGHT PLUS CLIP MOUNT (with Track)

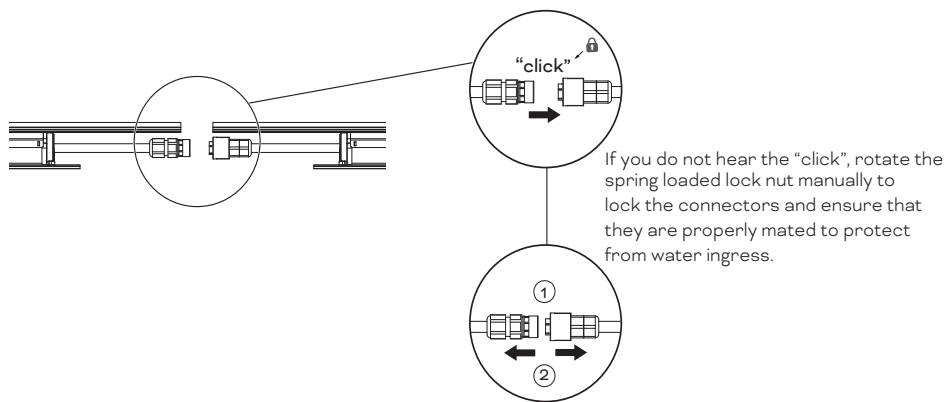


COVE LIGHT PLUS TRACK MOUNT



NOTE: Please see CAD files for additional dimensional data.

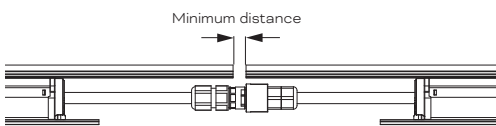
Cable Connection



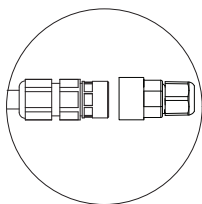
Cove-to-Cove Clearance

To maintain consistent LED pitch and to allow for thermal expansion for Cove Lights:

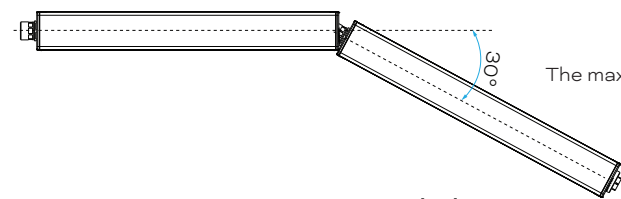
The minimum distance depends on the temperature difference.
Normally, it is 5mm/0.2"



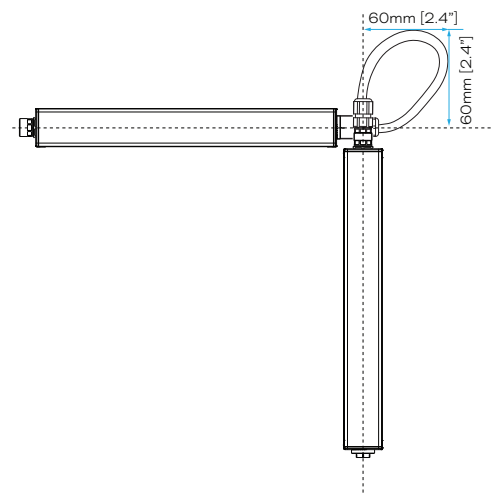
End Cap Seal on Last Cove Light Plus



Cove-to-Cove Bending

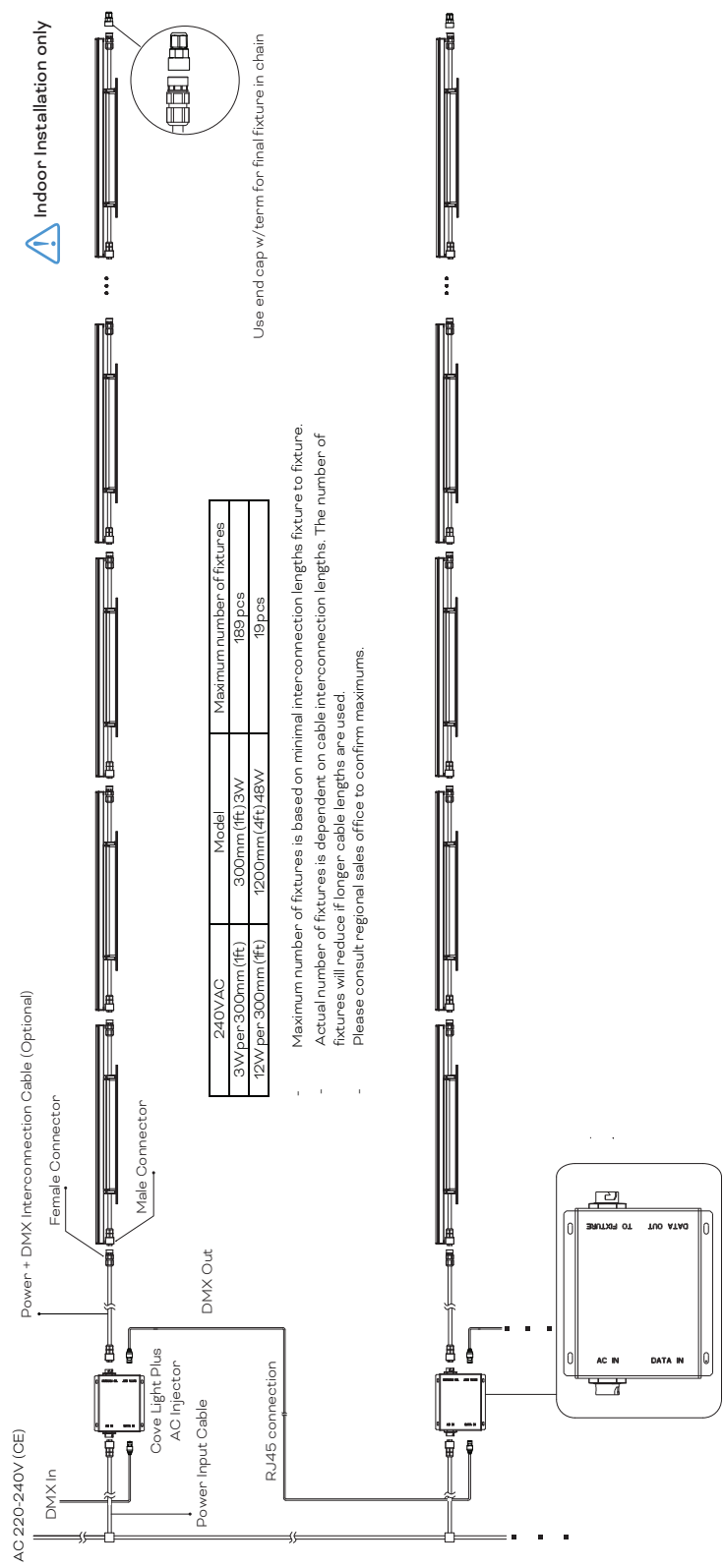


The maximum allowable end-to-end bending angle is 30°.

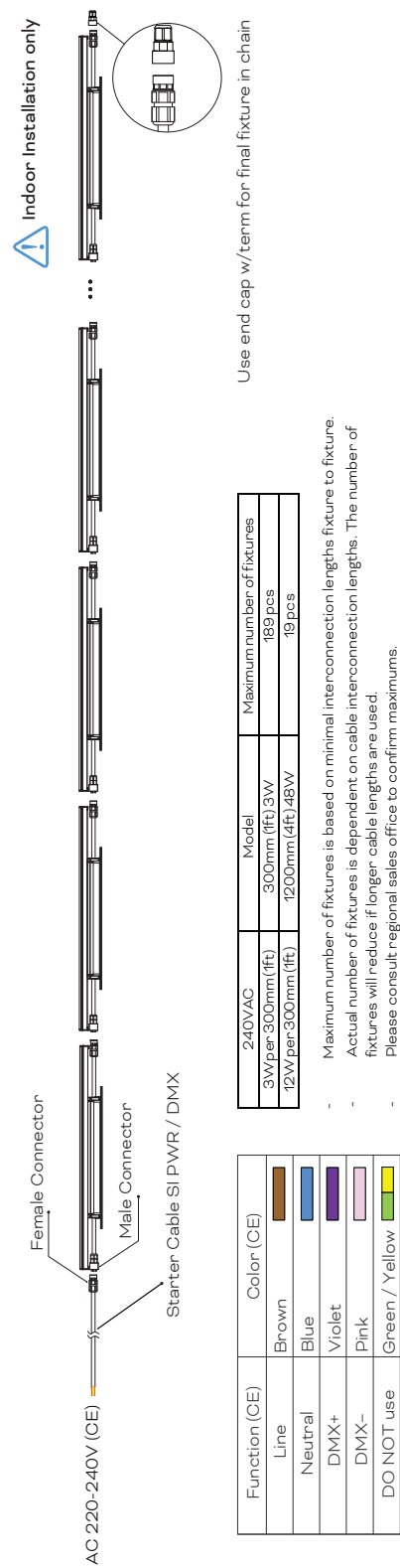


If a greater bending angle is needed, please utilize an interconnection ($\geq 300\text{mm}$ / 11.8") cable to link the fixtures.
The typical bending radius should be 60mm [2.4"].

Wiring Diagram with Injector



Wiring Diagram with Starter Cable



Model Number Builder - Open Beam

CL.	PL.	1	NN	1	3	0	0	N	N	N	6	0	N	0	0
		Voltage	Power per 0.3m (1ft)	LED**	CCT	CRI	Optics/Beam	Optical Lens	Length ***	Control	Approbation	Pixel*			
		1 - AC	03 - 3W	1- RGBW (Q)	3 - 3000K	0 - 80	0 - OB (Open Beam/120°)	0 - Clear	1 - 300mm (1ft)	1 - DMX	6 - CE	1 - 1PXL/fixture			
			05 - 5W					1 - Frosted	2 - 600mm (2ft)	2 - RDM		2 - 2PXL/fixture			
			08 - 8W						3 - 900mm (3ft)			3 - 3PXL/fixture			
			12 - 12W						4 - 1200mm (4ft)			4 - 4PXL/fixture			

* Standard Pixel: 300mm fixture - 1PXL, 600mm fixture - 2PXL, 900mm - 3PXL, 1200mm fixture - 4 PXL.
** RGBW (Q) = RGBW Quad LED.
*** 450mm (18") length available by request. Please see your regional Traxon team regarding available and limitations.

EXAMPLE COVE LIGHT PLUS AC 8W RGBW30(Q) OB FROSTED 300 DMX CE 1PXL
Model Number: CL.PL.108130011140100

CL.	PL.	1	08	1	3	0	0	1	1	1	6	0	1	0	0
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Project Model Number

CL.	PL.	1		1	3	0	0				6	0		0	0
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Model Number Builder - Optic Version

CL.	PL.	1	NN	1	3	0	N	N	N	N	6	0	N	0	0
		Voltage	Power per 0.3m (1ft)	LED**	CCT	CRI	Optics/Beam	Optical Lens	Length ****	Control	Approbation	Pixel*			
		1 - AC	03 - 3W	1- RGBW (Q)	3 - 3000K	0 - 80	2- 12° (native optics)	0 - Clear	1 - 300mm (1ft)	1 - DMX	6 - CE	1 - 1PXL/fixture			
			05 - 5W				3 - 15°	1 - Frosted	2 - 600mm (2ft)	2 - RDM		2 - 2PXL/fixture			
			08 - 8W				4 - 20°		3 - 900mm (3ft)			3 - 3PXL/fixture			
			12 - 12W				5 - 30°		4 - 1200mm (4ft)			4 - 4PXL/fixture			
							6 - 50°								
							8 - 70°								
							A - 90°								
							C - 30°x15°								
							D - 45°x20°								
							F - 60°x15°								
							G - 60°x20°								
							I - 60°x35°								

* Standard Pixel: 300mm fixture - 1PXL, 1200mm fixture - 4 PXL.
** RGBW (Q) = RGBW Quad LED.
**** 450mm (18") length available by request. Please see your regional Traxon team regarding available and limitations.

EXAMPLE COVE LIGHT PLUS AC 12W RGBW30(Q) 12° CLEAR 300 DMX CE 1PXL
Model Number: CL.PL.112130201140100

CL.	PL.	1	12	1	3	0	2	0	1	1	6	0	1	0	0
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Project Model Number

CL.	PL.	1		1	3	0					6	0		0	0
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Cable/Connector

Model No.	Description	Item Code
CA.PC.SI.801000	POWER CABLE 1M (CL INJECTOR) CE	DA23100473055
CA.PC.SI.803000	POWER CABLE 3M (CL INJECTOR) CE	DA23100473155
CA.SC.SI.301000	STARTER CABLE SI 1M PWR/DMX CE	DA23100473455
CA.SC.SI.303000	STARTER CABLE SI 3M PWR/DMX CE	DA23100473555
CA.IC.SI.300300	INTERCONNECTION CABLE SI 0.3M PWR/DMX CE	DL24102067455
CA.IC.SI.301000	INTERCONNECTION CABLE SI 1M PWR/DMX CE	DA23100473855
CA.IC.SI.303000	INTERCONNECTION CABLE SI 3M PWR/DMX CE	DA23100473955
N/A	END CAP SI W/TERM	DA23100769255
CA.SC.SI.301000 & END CAP SI W/TERM	STARTER CABLE SI 1M PWR/DMX CE & END CAP SI W/TERM	DL24102066455
CA.SC.SI.303000 & END CAP SI W/TERM	STARTER CABLE SI 3M PWR/DMX CE & END CAP SI W/TERM	DL24102066555

Injector & Wiring Box

Model No.	Description	Item Code
N/A	COVE LIGHT PLUS AC INJECTOR	DA23100474055
N/A	COVE LIGHT PLUS AC INJECTOR & END CAP SI W/TERM	DL24302066655
N/A	COVE LIGHT PLUS WIRING BOX	DA24102044355

Optical Accessories - Louver

Model No.	Description	Item Code
CLPLLO-S.600200	COVE LIGHT PLUS LOUVER (SYM) 300	DA24102053255
CLPLLO-A.600200	COVE LIGHT PLUS LOUVER (ASYM) 300	DA24102053355
CLPLLO-P.600200	COVE LIGHT PLUS LOUVER PLATE 300	DA24102053455
CLPLHC.600200	COVE LIGHT PLUS HONEYCOMB LOUVER 300	DA24102053555

Optical Accessories - Optical Film

Model No.	Description	Item Code
CLPLOL.608400	COVE LIGHT PLUS OPTICAL LENS CLEAR 300	DA24102044455
CLPLOL.708400	COVE LIGHT PLUS OPTICAL LENS CLEAR 600	DA24102044555
CLPLOL.808400	COVE LIGHT PLUS OPTICAL LENS CLEAR 900	DA24102044655
CLPLOL.908400	COVE LIGHT PLUS OPTICAL LENS CLEAR 1200	DA24102044755
CLPLOL.608500	COVE LIGHT PLUS OPTICAL LENS FROSTED 300	DA24102044855
CLPLOL.708500	COVE LIGHT PLUS OPTICAL LENS FROSTED 600	DA24102044955
CLPLOL.808500	COVE LIGHT PLUS OPTICAL LENS FROSTED 900	DA24102045055
CLPLOL.908500	COVE LIGHT PLUS OPTICAL LENS FROSTED 1200	DA24102045155

Optical Accessories - Optical Film

Model No.	Description	Item Code
CLPL.OF-Q.610000	COVE LIGHT PLUS OPTICAL FILM (Q) 15° 300	DA24102048855
CLPL.OF-Q.611000	COVE LIGHT PLUS OPTICAL FILM (Q) 20° 300	DA24102048955
CLPL.OF-Q.612000	COVE LIGHT PLUS OPTICAL FILM (Q) 30° 300	DA24102049055
CLPL.OF-Q.613000	COVE LIGHT PLUS OPTICAL FILM (Q) 50° 300	DA24102049155
CLPL.OF-Q.615000	COVE LIGHT PLUS OPTICAL FILM (Q) 70° 300	DA24102049255
CLPL.OF-Q.617000	COVE LIGHT PLUS OPTICAL FILM (Q) 90° 300	DA24102049355
CLPL.OF-Q.618000	COVE LIGHT PLUS OPTICAL FILM (Q) 35°x15° 300	DA24102049455
CLPL.OF-Q.620000	COVE LIGHT PLUS OPTICAL FILM (Q) 45°x20° 300	DA24102049555
CLPL.OF-Q.622000	COVE LIGHT PLUS OPTICAL FILM (Q) 60°x15° 300	DA24102049655
CLPL.OF-Q.623000	COVE LIGHT PLUS OPTICAL FILM (Q) 60°x20° 300	DA24102049755
CLPL.OF-Q.625000	COVE LIGHT PLUS OPTICAL FILM (Q) 60°x35° 300	DA24102049855
CLPL.OF-Q.710000	COVE LIGHT PLUS OPTICAL FILM (Q) 15° 600	DA24102049955
CLPL.OF-Q.711000	COVE LIGHT PLUS OPTICAL FILM (Q) 20° 600	DA24102050055
CLPL.OF-Q.712000	COVE LIGHT PLUS OPTICAL FILM (Q) 30° 600	DA24102050155
CLPL.OF-Q.713000	COVE LIGHT PLUS OPTICAL FILM (Q) 50° 600	DA24102050255
CLPL.OF-Q.715000	COVE LIGHT PLUS OPTICAL FILM (Q) 70° 600	DA24102050355
CLPL.OF-Q.717000	COVE LIGHT PLUS OPTICAL FILM (Q) 90° 600	DA24102050455
CLPL.OF-Q.718000	COVE LIGHT PLUS OPTICAL FILM (Q) 35°x15° 600	DA24102050555
CLPL.OF-Q.720000	COVE LIGHT PLUS OPTICAL FILM (Q) 45°x20° 600	DA24102050655
CLPL.OF-Q.722000	COVE LIGHT PLUS OPTICAL FILM (Q) 60°x15° 600	DA24102050755
CLPL.OF-Q.723000	COVE LIGHT PLUS OPTICAL FILM (Q) 60°x20° 600	DA24102050855
CLPL.OF-Q.725000	COVE LIGHT PLUS OPTICAL FILM (Q) 60°x35° 600	DA24102050955
CLPL.OF-Q.810000	COVE LIGHT PLUS OPTICAL FILM (Q) 15° 900	DA24102051055
CLPL.OF-Q.811000	COVE LIGHT PLUS OPTICAL FILM (Q) 20° 900	DA24102051155
CLPL.OF-Q.812000	COVE LIGHT PLUS OPTICAL FILM (Q) 30° 900	DA24102051255
CLPL.OF-Q.813000	COVE LIGHT PLUS OPTICAL FILM (Q) 50° 900	DA24102051355
CLPL.OF-Q.815000	COVE LIGHT PLUS OPTICAL FILM (Q) 70° 900	DA24102051455
CLPL.OF-Q.817000	COVE LIGHT PLUS OPTICAL FILM (Q) 90° 900	DA24102051555
CLPL.OF-Q.818000	COVE LIGHT PLUS OPTICAL FILM (Q) 35°x15° 900	DA24102051655
CLPL.OF-Q.820000	COVE LIGHT PLUS OPTICAL FILM (Q) 45°x20° 900	DA24102051755
CLPL.OF-Q.822000	COVE LIGHT PLUS OPTICAL FILM (Q) 60°x15° 900	DA24102051855
CLPL.OF-Q.823000	COVE LIGHT PLUS OPTICAL FILM (Q) 60°x20° 900	DA24102051955
CLPL.OF-Q.825000	COVE LIGHT PLUS OPTICAL FILM (Q) 60°x35° 900	DA24102052055
CLPL.OF-Q.910000	COVE LIGHT PLUS OPTICAL FILM (Q) 15° 1200	DA24102052155
CLPL.OF-Q.911000	COVE LIGHT PLUS OPTICAL FILM (Q) 20° 1200	DA24102052255
CLPL.OF-Q.912000	COVE LIGHT PLUS OPTICAL FILM (Q) 30° 1200	DA24102052355
CLPL.OF-Q.913000	COVE LIGHT PLUS OPTICAL FILM (Q) 50° 1200	DA24102052455
CLPL.OF-Q.915000	COVE LIGHT PLUS OPTICAL FILM (Q) 70° 1200	DA24102052555
CLPL.OF-Q.917000	COVE LIGHT PLUS OPTICAL FILM (Q) 90° 1200	DA24102052655
CLPL.OF-Q.918000	COVE LIGHT PLUS OPTICAL FILM (Q) 35°x15° 1200	DA24102052755
CLPL.OF-Q.920000	COVE LIGHT PLUS OPTICAL FILM (Q) 45°x20° 1200	DA24102052855
CLPL.OF-Q.922000	COVE LIGHT PLUS OPTICAL FILM (Q) 60°x15° 1200	DA24102052955
CLPL.OF-Q.923000	COVE LIGHT PLUS OPTICAL FILM (Q) 60°x20° 1200	DA24102053055
CLPL.OF-Q.925000	COVE LIGHT PLUS OPTICAL FILM (Q) 60°x35° 1200	DA24102053155
Note: No ASY OPTICAL Film (must use native optics fixture and not by Optical Film)		

Mounting Accessories

Model No.	Description	Item Code
N/A	COVE LIGHT PLUS TRACK 300	DA24102053655
N/A	COVE LIGHT PLUS TRACK 600	DA24102053755
N/A	COVE LIGHT PLUS TRACK 900	DA24102053855
N/A	COVE LIGHT PLUS TRACK 1200	DA24102053955
N/A	COVE LIGHT PLUS TRACK 2400	DA24102054055
N/A	COVE LIGHT PLUS TRACK 300 (10 PCS)	DA24102056455
N/A	COVE LIGHT PLUS TRACK 600 (10 PCS)	DA24102056555
N/A	COVE LIGHT PLUS TRACK 900 (10 PCS)	DA24102056655
N/A	COVE LIGHT PLUS TRACK 1200 (10 PCS)	DA24102056755
N/A	COVE LIGHT PLUS TRACK 2400 (10 PCS)	DA24102056855
N/A	COVE LIGHT PLUS CLIP MOUNT (10 PCS)	DA24102054155
N/A	COVE LIGHT PLUS CLIP MOUNT (2PCS) WITH TRACK 300	DA24102054255
N/A	COVE LIGHT PLUS CLIP MOUNT (2PCS) WITH TRACK 600	DA24102054355
N/A	COVE LIGHT PLUS CLIP MOUNT (2PCS) WITH TRACK 900	DA24102054455
N/A	COVE LIGHT PLUS CLIP MOUNT (2PCS) WITH TRACK 1200	DA24102054555