



TRAXON Plus⁺

Cove Light Plus AC DW CE



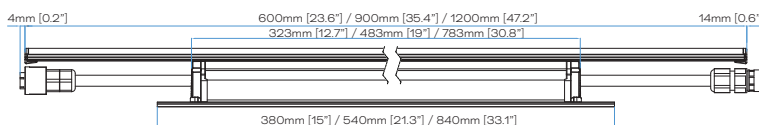
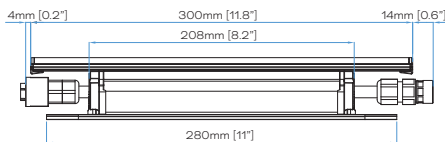
The Traxon Cove Light Plus is an AC powered, slim, high brightness profile that effortlessly integrates into any architectural setting. Featuring DMX or RDM control, Dynamic White color option and a wide range of optical choices, its elegant modular design conceals powerful LED technology, allowing you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

Features

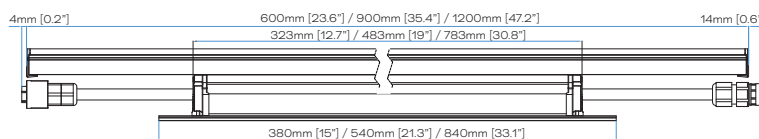
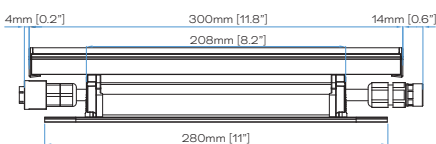
- DMX / RDM control
- Easy installation and maintenance
- DMX version: Auto-addressing
- RDM version: Auto-addressing or Manual Addressing via RDM

Dimensions

Open Beam Version



Optic Version



Project: _____

Type: _____



IP40
Dry/Damp Location



DMX 512

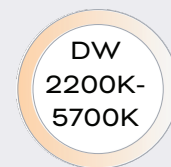


RDM

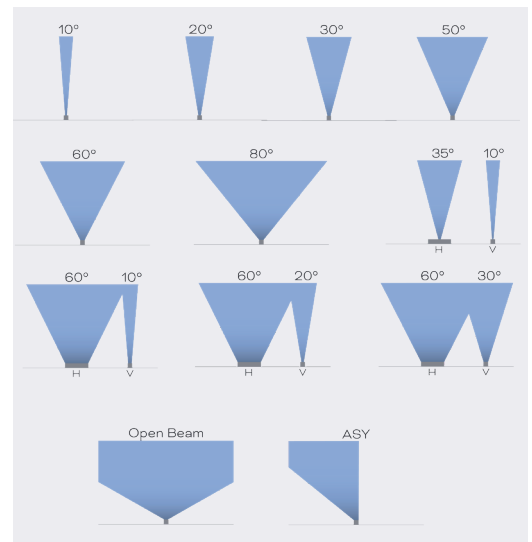
Technologies

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

Color Options



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	DW2200K-5700K							
Color Resolution	16-Bit Grayscale, Gamma 2.2							
Refresh Rate	PWM 16k Hz							
LED Quantity	DW 28+28 pcs	DW 56+56 pcs	DW 84+84 pcs	DW 112+112 pcs	DW 6+6 pcs	DW 12+12 pcs	DW 18+18 pcs	DW 24+24 pcs
Beam Angle	Open Beam				10°, 20°, 30°, 50°, 60°, 80°, 35°x10°, 60°x10°, 60°x20°, 60°x30°, ASY			
Luminous Flux (DW2257K) (Clear Optical Lens)	3W: 279 lm	6W: 570 lm	9W: 864 lm	12W: 1200 lm	3W: 201 lm (10°)	6W: 414 lm (10°)	9W: 630 lm (10°)	12W: 864 lm (10°)
	5W: 595 lm	10W: 1090 lm	15W: 1650 lm	20W: 2280 lm	5W: 385 lm (10°)	10W: 790 lm (10°)	15W: 1200 lm (10°)	20W: 1640 lm (10°)
	8W: 872 lm	16W: 1776 lm	24W: 2712 lm	32W: 3744 lm	8W: 632 lm (10°)	16W: 1280 lm (10°)	24W: 1944 lm (10°)	32W: 2688 lm (10°)
	12W: 1344 lm	24W: 2760 lm	36W: 4176 lm	48W: 5760 lm	12W: 960 lm (10°)	24W: 1992 lm (10°)	36W: 3024 lm (10°)	48W: 4176 lm (10°)
Luminous Flux (DW2257K) (Frosted Optical Lens)	3W: 258 lm	6W: 522 lm	9W: 792 lm	12W: 1104 lm	3W: 186 lm (10°)	6W: 378 lm (10°)	9W: 576 lm (10°)	12W: 792 lm (10°)
	5W: 490 lm	10W: 1000 lm	15W: 1515 lm	20W: 2100 lm	5W: 355 lm (10°)	10W: 720 lm (10°)	15W: 1095 lm (10°)	20W: 1520 lm (10°)
	8W: 800 lm	16W: 1632 lm	24W: 2496 lm	32W: 3456 lm	8W: 576 lm (10°)	16W: 1184 lm (10°)	24W: 1800 lm (10°)	32W: 2464 lm (10°)
	12W: 1236 lm	24W: 2544 lm	36W: 3852 lm	48W: 5280 lm	12W: 900 lm (10°)	24W: 1824 lm (10°)	36W: 2772 lm (10°)	48W: 3840 lm (10°)
Efficacy (DW2257K) (Clear Optical Lens)	3W: 93 lm/W	6W: 95 lm/W	9W: 96 lm/W	12W: 100 lm/W	3W: 67 lm/W (10°)	6W: 69 lm/W (10°)	9W: 70 lm/W (10°)	12W: 72 lm/W (10°)
	5W: 107 lm/W	10W: 109 lm/W	15W: 110 lm/W	20W: 114 lm/W	5W: 77 lm/W (10°)	10W: 79 lm/W (10°)	15W: 80 lm/W (10°)	20W: 82 lm/W (10°)
	8W: 109 lm/W	16W: 111 lm/W	24W: 113 lm/W	32W: 117 lm/W	8W: 79 lm/W (10°)	16W: 80 lm/W (10°)	24W: 81 lm/W (10°)	32W: 84 lm/W (10°)
	12W: 112 lm/W	24W: 115 lm/W	36W: 116 lm/W	48W: 120 lm/W	12W: 80 lm/W (10°)	24W: 83 lm/W (10°)	36W: 84 lm/W (10°)	48W: 87 lm/W (10°)
Efficacy (DW2257K) (Frosted Optical Lens)	3W: 86 lm/W	6W: 87 lm/W	9W: 88 lm/W	12W: 92 lm/W	3W: 62 lm/W (10°)	6W: 63 lm/W (10°)	9W: 64 lm/W (10°)	12W: 66 lm/W (10°)
	5W: 98 lm/W	10W: 100 lm/W	15W: 101 lm/W	20W: 105 lm/W	5W: 71 lm/W (10°)	10W: 72 lm/W (10°)	15W: 73 lm/W (10°)	20W: 76 lm/W (10°)
	8W: 100 lm/W	16W: 102 lm/W	24W: 104 lm/W	32W: 108 lm/W	8W: 72 lm/W (10°)	16W: 74 lm/W (10°)	24W: 75 lm/W (10°)	32W: 77 lm/W (10°)
	12W: 103 lm/W	24W: 106 lm/W	36W: 107 lm/W	48W: 110 lm/W	12W: 75 lm/W (10°)	24W: 76 lm/W (10°)	36W: 77 lm/W (10°)	48W: 80 lm/W (10°)
CRI	≥80 & ≥90 options available*							
SDCM	≤3 step							
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 †(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	120-277V 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)							
Addressing Options	DMX version: Auto-addressing RDM: Auto-addressing or Manual Addressing via RDM							

*: ≥90 CRI not available in 2200K.
†: 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.

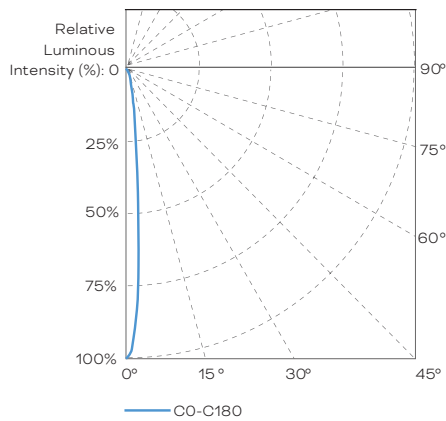
As with all electronic devices, LED output degrades over time – a term called lumen depreciation. This also explains why it is nearly impossible to expect photometric performances of two LED products with different service life spans to be the same. The rate of LED degrade is a complicated function of 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	DW 28+28 pcs	DW 56+56 pcs	DW 84+84 pcs	DW 112+112 pcs
Optics	Open Beam			

Candela Distribution



Light Output

		Color	Luminous Flux per Meter (lm)	Center Intensity (cd)	Efficacy (lm/W)
300mm [1ft]	3W	DW2257K	279	99	93
	5W		535	190	107
	8W		872	310	109
	12W		1344	477	112
600mm [2ft]	6W	DW2257K	570	202	95
	10W		1090	387	109
	16W		1776	631	111
	24W		2760	980	115
900mm [3ft]	9W	DW2257K	864	307	96
	15W		1650	586	110
	24W		2712	963	113
	36W		4176	1483	116
1200mm [4ft]	12W	DW2257K	1200	426	100
	20W		2280	809	114
	32W		3744	1329	117
	48W		5760	2045	120

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.

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

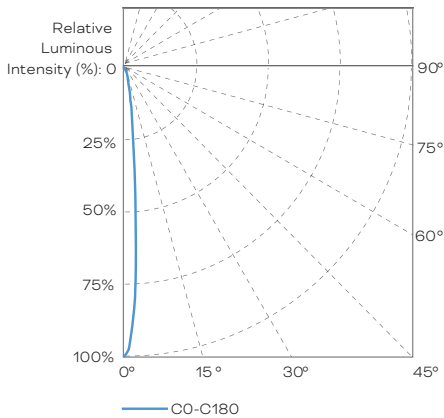
	Efficacy (Frosted Optical Lens)
Lumen factors	0.92

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	DW 6+6 pcs	DW 12+12 pcs	DW 18+18 pcs	DW 24+24 pcs
Optics	10°			

Candela Distribution



Light Output

		Color	Luminous Flux per Meter (lm)	Center Intensity (cd)	Efficacy (lm/W)
300mm [1ft]	3W	DW2257K	201	2869	67
	5W		385	5494	77
	8W		632	9019	79
	12W		960	13700	80
600mm [2ft]	6W	DW2257K	414	5908	69
	10W		790	11274	79
	16W		1280	18267	80
	24W		1992	28429	83
900mm [3ft]	9W	DW2257K	630	8991	70
	15W		1200	17126	80
	24W		1944	27743	81
	36W		3024	43157	84
1200mm [4ft]	12W	DW2257K	864	12330	72
	20W		1640	23405	82
	32W		2688	38361	84
	48W		4176	59597	87

Illuminance at a Distance

	Center Beam LUX/klm	Beam Width	
0.5m	56592	0.07m / 0.23'	1.6'
1m	14148	0.15m / 0.49'	3.3'
1.5m	6288	0.22m / 0.72'	4.9'
2.0m	3537	0.29m / 0.95'	6.6'
2.5m	2264	0.37m / 1.21'	8.2'
3m	1572	0.44m / 1.44'	9.8'

■ Horiz.Spread: 8.4°

For Foot-candle divide by 10.7
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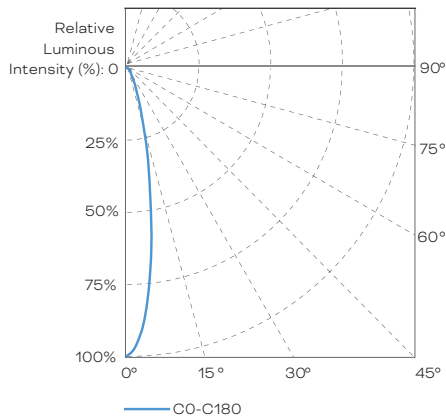
	Efficacy (Frosted Optical Lens)
Lumen factors	0.92

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	DW 6+6 pcs	DW 12+12 pcs	DW 18+18 pcs	DW 24+24 pcs
Optics	30°			

Candela Distribution



Light Output

		Color	Luminous Flux per Meter (lm)	Center Intensity (cd)	Efficacy (lm/W)
300mm [1ft]	3W	DW2257K	181	497	60
	5W		347	952	69
	8W		569	1563	71
	12W		864	2375	72
600mm [2ft]	6W	DW2257K	373	1024	62
	10W		711	1954	71
	16W		1152	3166	72
	24W		1793	4928	75
900mm [3ft]	9W	DW2257K	567	1558	63
	15W		1080	2968	72
	24W		1750	4809	73
	36W		2722	7480	76
1200mm [4ft]	12W	DW2257K	778	2137	65
	20W		1476	4057	74
	32W		2419	6649	76
	48W		3758	10330	78

Illuminance at a Distance

	Center Beam LUX/klm	Beam Width	
0.5m	11171	0.23m / 0.75'	1.6'
1m	2793	0.45m / 1.48'	3.3'
1.5m	1241	0.68m / 2.23'	4.9'
2.0m	698	0.90m / 2.95'	6.6'
2.5m	447	1.13m / 3.71'	8.2'
3m	310	1.35m / 4.43'	9.8'

Horiz.Spread: 25.4°

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:

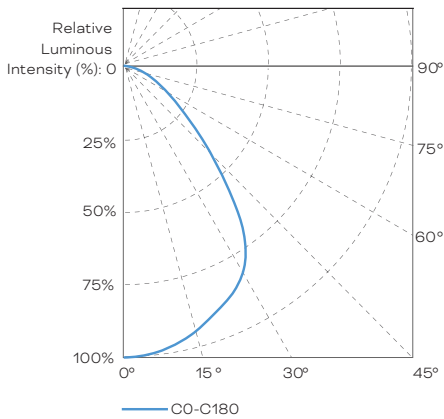
	Efficacy (Frosted Optical Lens)
Lumen factors	0.92

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	DW 6+6 pcs	DW 12+12 pcs	DW 18+18 pcs	DW 24+24 pcs
Optics	80°			

Candela Distribution



Light Output

		Color	Luminous Flux per Meter (lm)	Center Intensity (cd)	Efficacy (lm/W)
300mm [1ft]	3W	DW2257K	181	94	60
	5W		347	181	69
	8W		569	297	71
	12W		864	450	72
600mm [2ft]	6W	DW2257K	373	194	62
	10W		711	371	71
	16W		1152	601	72
	24W		1793	935	75
900mm [3ft]	9W	DW2257K	567	296	63
	15W		1080	563	72
	24W		1750	912	73
	36W		2722	1419	76
1200mm [4ft]	12W	DW2257K	778	405	65
	20W		1476	769	74
	32W		2419	1261	76
	48W		3758	1959	78

Illuminance at a Distance

	Center Beam LUX/klm	Beam Width	
0.5m	2073	0.91m / 2.99'	1.6'
1m	518	1.82m / 5.97'	3.3'
1.5m	230	2.73m / 8.96'	4.9'
2.0m	130	3.64m / 11.94'	6.6'
2.5m	83	4.55m / 14.93'	8.2'
3m	58	5.46m / 17.91'	9.8'

Horiz.Spread: 84.6°

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:

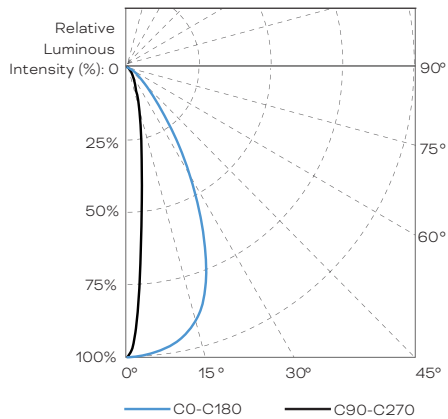
	Efficacy (Frosted Optical Lens)
Lumen factors	0.92

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	DW 6+6 pcs	DW 12+12 pcs	DW 18+18 pcs	DW 24+24 pcs
Optics	60° x 10°			

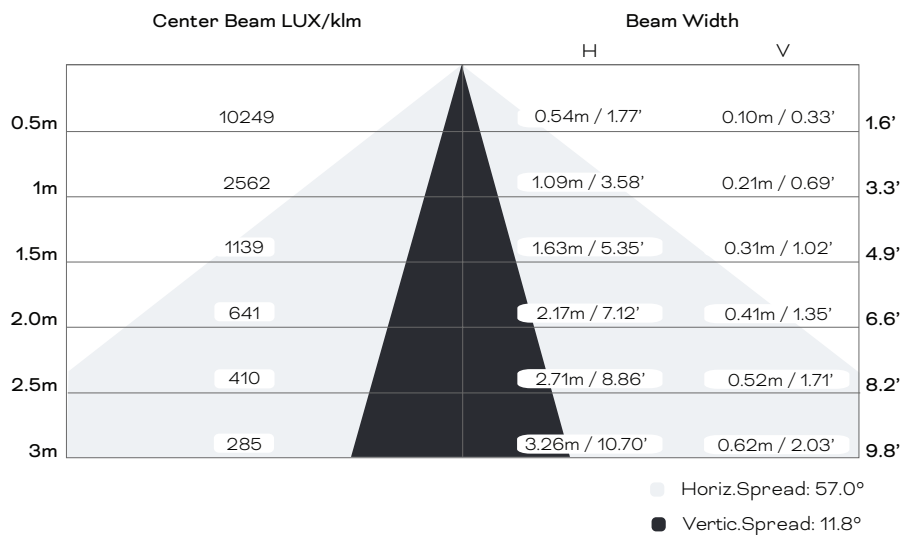
Candela Distribution



Light Output

		Color	Luminous Flux per Meter (lm)	Center Intensity (cd)	Efficacy (lm/W)
300mm [1ft]	3W	DW2257K	181	475	60
	5W		347	909	69
	8W		569	1492	71
	12W		864	2267	72
600mm [2ft]	6W	DW2257K	373	978	62
	10W		711	1865	71
	16W		1152	3022	72
	24W		1793	4703	75
900mm [3ft]	9W	DW2257K	567	1488	63
	15W		1080	2833	72
	24W		1750	4590	73
	36W		2722	7140	76
1200mm [4ft]	12W	DW2257K	778	2040	65
	20W		1476	3872	74
	32W		2419	6347	76
	48W		3758	9860	78

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:

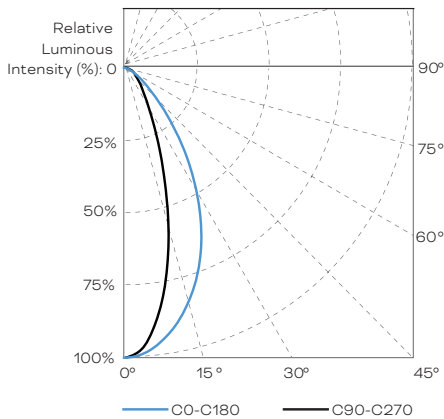
Efficacy (Frosted Optical Lens)	
Lumen factors	0.92

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.

Source Specifications (Clear Optical Lens)

Length Option	300mm [1ft]	600mm [2ft]	900mm [3ft]	1200mm [4ft]
Source	DW 6+6 pcs	DW 12+12 pcs	DW 18+18 pcs	DW 24+24 pcs
Optics	60° x 30°			

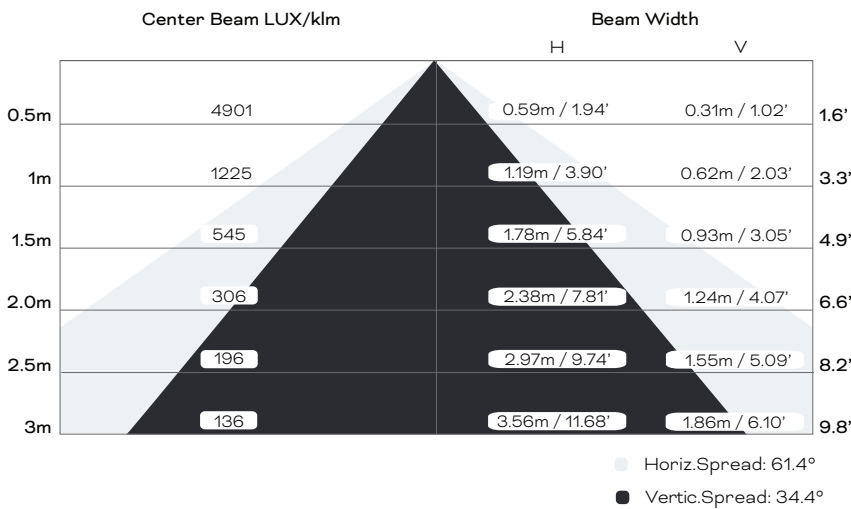
Candela Distribution



Light Output

		Color	Luminous Flux per Meter (lm)	Center Intensity (cd)	Efficacy (lm/W)
300mm [1ft]	3W	DW2257K	181	221	60
	5W		347	424	69
	8W		569	695	71
	12W		864	1056	72
600mm [2ft]	6W	DW2257K	373	455	62
	10W		711	869	71
	16W		1152	1408	72
	24W		1793	2192	75
900mm [3ft]	9W	DW2257K	567	693	63
	15W		1080	1320	72
	24W		1750	2139	73
	36W		2722	3327	76
1200mm [4ft]	12W	DW2257K	778	951	65
	20W		1476	1804	74
	32W		2419	2957	76
	48W		3758	4594	78

Illuminance at a Distance



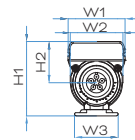
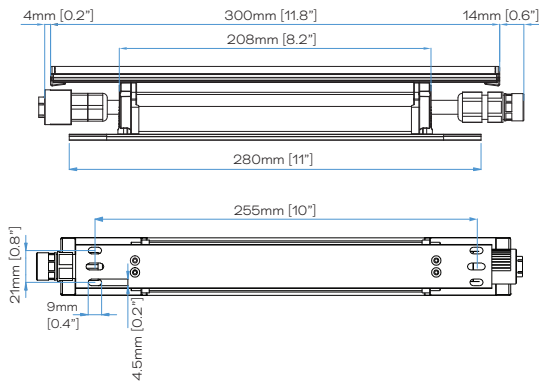
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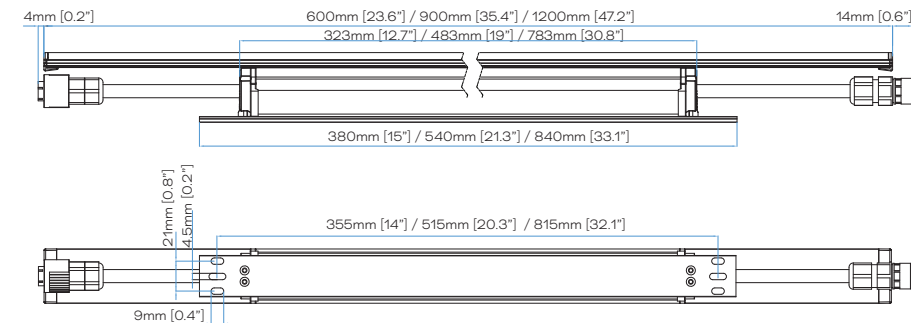
Efficacy (Frosted Optical Lens)	
Lumen factors	0.92

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Multiply the lumen data of the Frosted Optical Lens by the above factor.

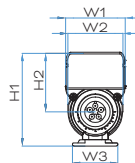
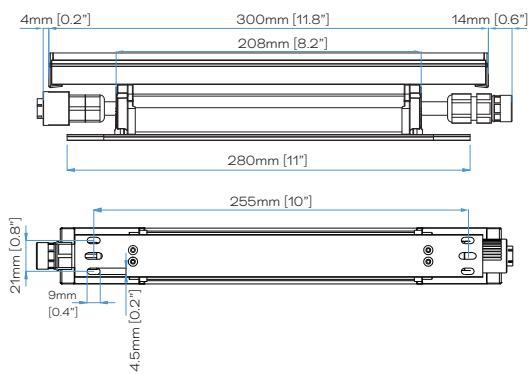
Fixture (Open Beam)



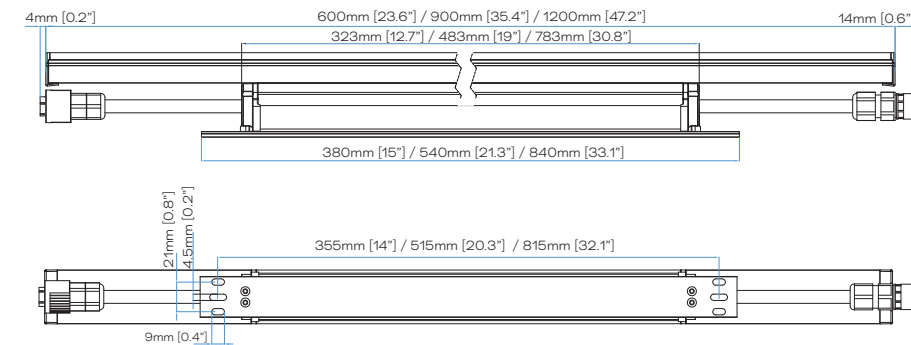
	W1	W2	W3	H1	H2
300mm [1ft]	38mm [1.5"]	35mm [1.4"]	29mm [1.1"]	49mm [1.9"]	27mm [1.1"]
600mm [2ft]	38mm [1.5"]	35mm [1.4"]	29mm [1.1"]	49mm [1.9"]	27mm [1.1"]
900mm [3ft]	38mm [1.5"]	35mm [1.4"]	29mm [1.1"]	49mm [1.9"]	27mm [1.1"]
1200mm [4ft]	38mm [1.5"]	35mm [1.4"]	29mm [1.1"]	49mm [1.9"]	27mm [1.1"]



Fixture (Optics)



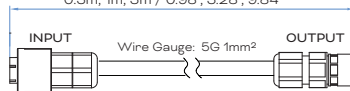
	W1	W2	W3	H1	H2
300mm [1ft]	38mm [1.5"]	35mm [1.4"]	29mm [1.1"]	60mm [2.4"]	38mm [1.5"]
600mm [2ft]	38mm [1.5"]	35mm [1.4"]	29mm [1.1"]	60mm [2.4"]	38mm [1.5"]
900mm [3ft]	38mm [1.5"]	35mm [1.4"]	29mm [1.1"]	60mm [2.4"]	38mm [1.5"]
1200mm [4ft]	38mm [1.5"]	35mm [1.4"]	29mm [1.1"]	60mm [2.4"]	38mm [1.5"]



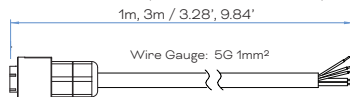
NOTE: Please see CAD files for additional dimensional data.

Connection Accessories Dimensions

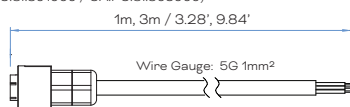
POWER + DMX INTERCONNECTION CABLE 0.3M / 1M / 3M CE
(CA.IC.SI.300300 / CA.IC.SI.301000 / CA.IC.SI.303000)
0.3m, 1m, 3m / 0.98', 3.28', 9.84'



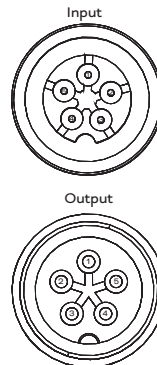
STARTER CABLE SI PWR / DMX 1M / 3M CE (CA.SC.SI.301000 / CA.SC.SI.303000)
STARTER CABLE SI 1M PWR/DMX CE & END CAP SI W/TERM (CA.SC.SI.301000 & END CAP SI W/TERM)
STARTER CABLE SI 3M PWR/DMX CE & END CAP SI W/TERM (CA.SC.SI.303000 & END CAP SI W/TERM)



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

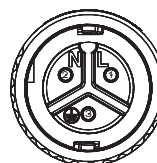


Connector Pin Assignment (Starter Cable / Interconnection Cable)



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

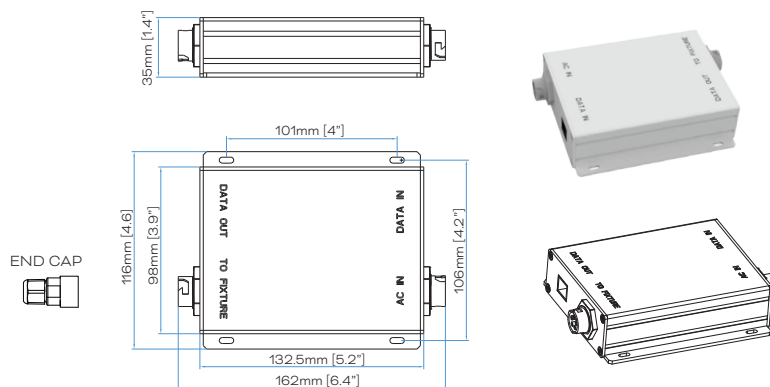
Connector Pin Assignment (Power Input Cable)



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

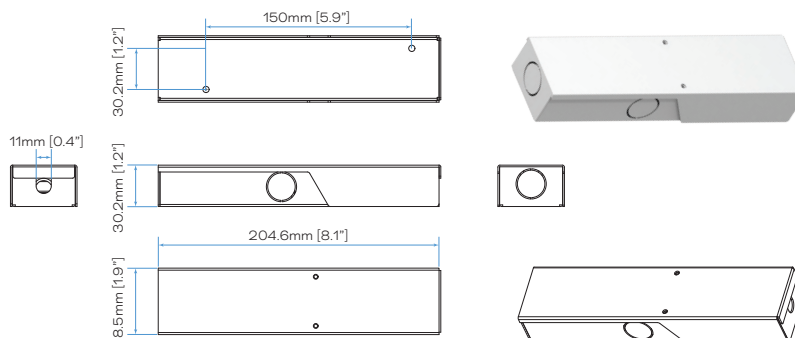
Cove Light Plus Injector

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



Cove Light Plus Wiring Box

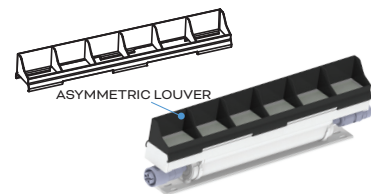
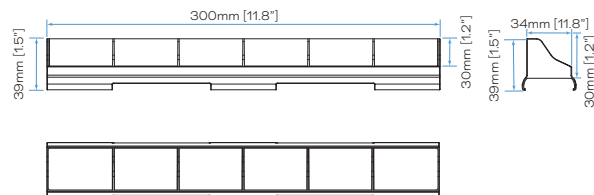
COVE LIGHT PLUS WIRING BOX (DA24102044355)



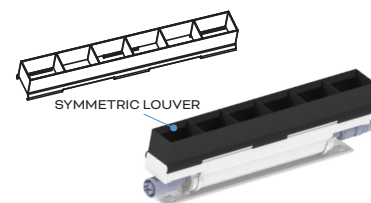
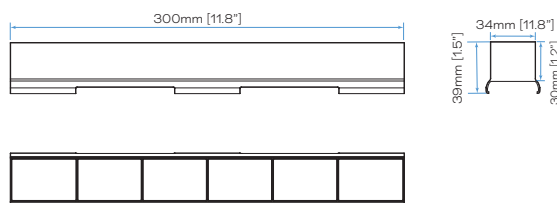
NOTE: Please see CAD files for additional dimensional data.

Optical Accessories Dimensions

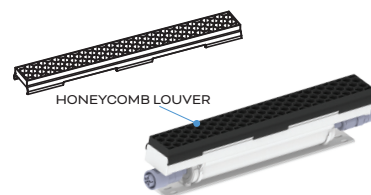
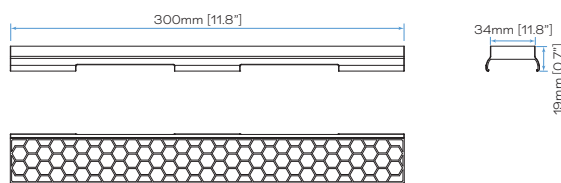
COVE LIGHT PLUS LOUVER (ASYM) 300



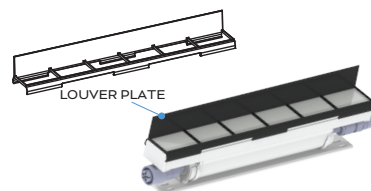
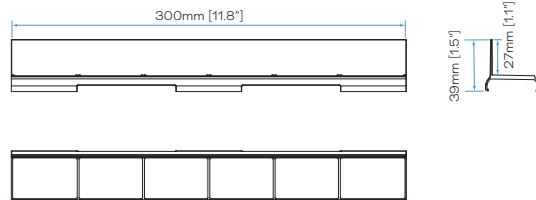
COVE LIGHT PLUS LOUVER (SYM) 300



COVE LIGHT PLUS HONEYCOMB LOUVER 300

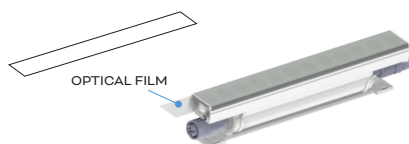


COVE LIGHT PLUS LOUVER PLATE 300

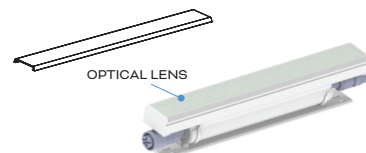


NOTE: All louver accessories are only available in 300mm (11.8") lengths. Fixture of 300mm or 1200mm length needs 1pc / 4pcs louvers respectively.

COVE LIGHT PLUS OPTICAL FILM (D) 300



COVE LIGHT PLUS OPTICAL LENS CLEAR / FROSTED 300



Mounting Accessories

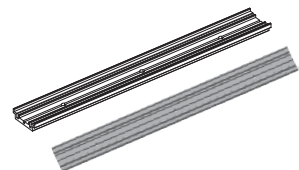
COVE LIGHT PLUS CLIP MOUNT (without Track)



COVE LIGHT PLUS CLIP MOUNT (with Track)

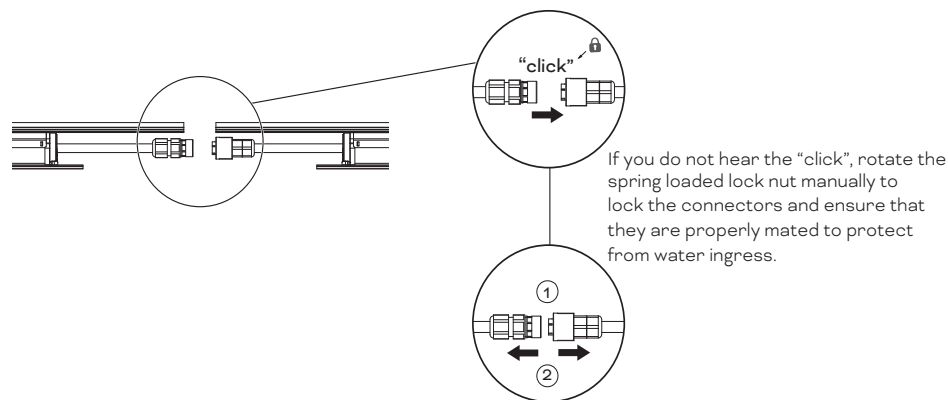


COVE LIGHT PLUS TRACK MOUNT



NOTE: Please see CAD files for additional dimensional data.

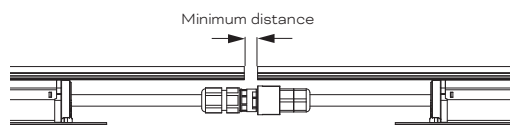
Cable Connection



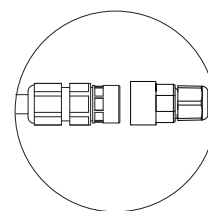
Cove-to-Cove Clearance

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

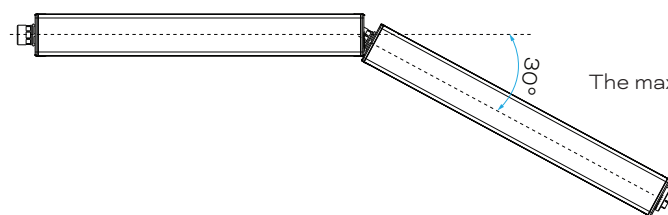
The minimum distance depends on the temperature difference.
Normally, it is 5mm/0.2”



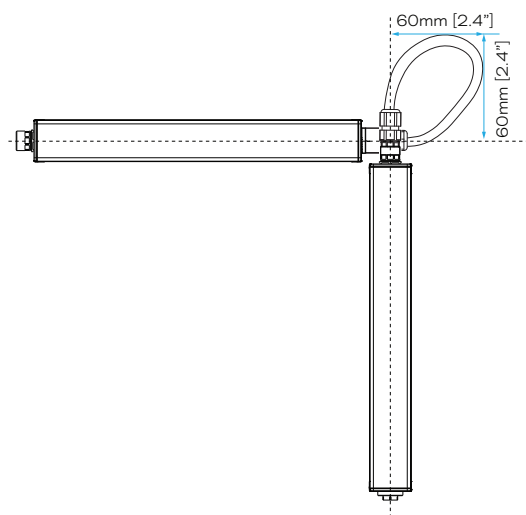
End Cap Seal on Last Cove Light Plus



Cove-to-Cove Bending

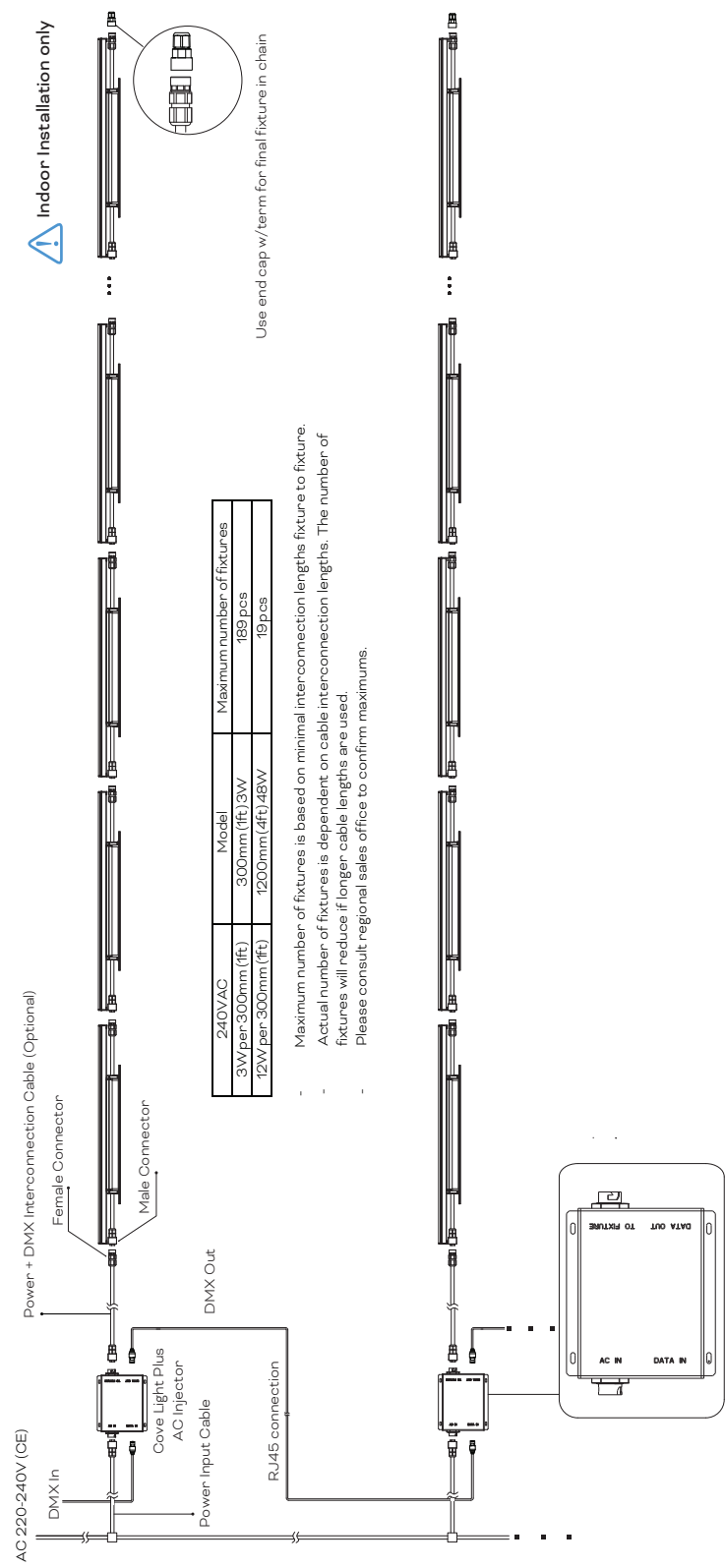


The maximum allowable end-to-end bending angle is 30°.

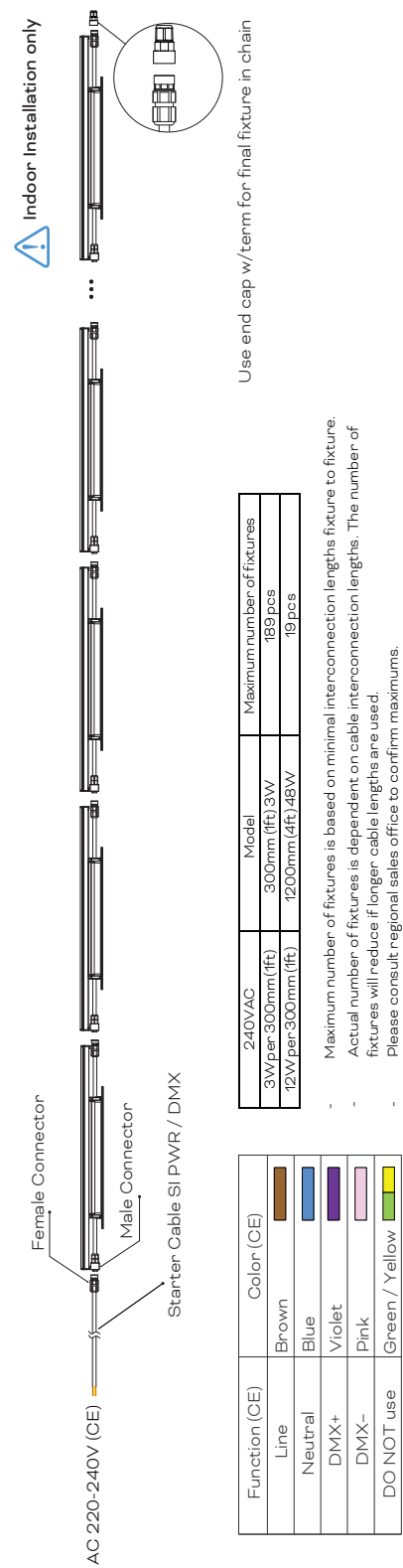


If a greater bending angle is needed, please utilize an interconnection (≥300mm / 11.8”) cable to link the fixtures.
The typical bending radius should be 60mm [2.4”].

Wiring Diagram with Injector



Wiring Diagram with Starter Cable



Model Number Builder

CL.	PL.	1	NN	6	N	N	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	6 - DW	0 - No CCT	0 - 80	0 - OB (Open Beam/120°)	0 - Clear cover	1 - 300mm (1ft)	1 - DMX	6 - CE		1 - 1PXL/fixture		
			05 - 5W		B - 2200K+5700K	1 - 90*	1 - 10° (native optics)	1 - Frosted cover	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°								
							7 - 60°								
							9 - 80°								
							B - 35°x10°								
							E - 60°x10°								
							G - 60°x20°								
							H - 60°x30°								
							J - ASY								

*, ≥90 CRI not available in 2200K.
** Standard Pixel: 300mm fixture - 1PXL, 600mm fixture - 2PXL, 900mm - 3PXL, 1200mm fixture - 4 PXL.

EXAMPLE COVE LIGHT PLUS AC 3W DW2257 OB CLEAR 300 DMX CE 1PXL
Model Number: CL.PL.1036B0001160100

CL.	PL.	1	03	6	B	0	0	0	1	1	6	0	1	0	0
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Project Model Number

CL.	PL.	1		6							6	0		0	0
-----	-----	---	--	---	--	--	--	--	--	--	---	---	--	---	---

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 - Optical Film

Model No.	Description	Item Code
CLPL.OL.608400	COVE LIGHT PLUS OPTICAL LENS CLEAR 300	DA24102044455
CLPL.OL.708400	COVE LIGHT PLUS OPTICAL LENS CLEAR 600	DA24102044555
CLPL.OL.808400	COVE LIGHT PLUS OPTICAL LENS CLEAR 900	DA24102044655
CLPL.OL.908400	COVE LIGHT PLUS OPTICAL LENS CLEAR 1200	DA24102044755
CLPL.OL.608500	COVE LIGHT PLUS OPTICAL LENS FROSTED 300	DA24102044855
CLPL.OL.708500	COVE LIGHT PLUS OPTICAL LENS FROSTED 600	DA24102044955
CLPL.OL.808500	COVE LIGHT PLUS OPTICAL LENS FROSTED 900	DA24102045055
CLPL.OL.908500	COVE LIGHT PLUS OPTICAL LENS FROSTED 1200	DA24102045155
CLPL.OF-D.611000	COVE LIGHT PLUS OPTICAL FILM (D) 20° 300	DA24102045255
CLPL.OF-D.612000	COVE LIGHT PLUS OPTICAL FILM (D) 30° 300	DA24102045355
CLPL.OF-D.613000	COVE LIGHT PLUS OPTICAL FILM (D) 50° 300	DA24102045455
CLPL.OF-D.614000	COVE LIGHT PLUS OPTICAL FILM (D) 60° 300	DA24102045555
CLPL.OF-D.616000	COVE LIGHT PLUS OPTICAL FILM (D) 80° 300	DA24102045655
CLPL.OF-D.618000	COVE LIGHT PLUS OPTICAL FILM (D) 35°x10° 300	DA24102045755
CLPL.OF-D.621000	COVE LIGHT PLUS OPTICAL FILM (D) 60°x10° 300	DA24102045855
CLPL.OF-D.623000	COVE LIGHT PLUS OPTICAL FILM (D) 60°x20° 300	DA24102045955
CLPL.OF-D.624000	COVE LIGHT PLUS OPTICAL FILM (D) 60°x30° 300	DA24102046055
CLPL.OF-D.711000	COVE LIGHT PLUS OPTICAL FILM (D) 20° 600	DA24102046155
CLPL.OF-D.712000	COVE LIGHT PLUS OPTICAL FILM (D) 30° 600	DA24102046255
CLPL.OF-D.713000	COVE LIGHT PLUS OPTICAL FILM (D) 50° 600	DA24102046355
CLPL.OF-D.714000	COVE LIGHT PLUS OPTICAL FILM (D) 60° 600	DA24102046455
CLPL.OF-D.716000	COVE LIGHT PLUS OPTICAL FILM (D) 80° 600	DA24102046555
CLPL.OF-D.718000	COVE LIGHT PLUS OPTICAL FILM (D) 35°x10° 600	DA24102046655
CLPL.OF-D.721000	COVE LIGHT PLUS OPTICAL FILM (D) 60°x10° 600	DA24102046755
CLPL.OF-D.723000	COVE LIGHT PLUS OPTICAL FILM (D) 60°x20° 600	DA24102046855
CLPL.OF-D.724000	COVE LIGHT PLUS OPTICAL FILM (D) 60°x30° 600	DA24102046955
CLPL.OF-D.811000	COVE LIGHT PLUS OPTICAL FILM (D) 20° 900	DA24102047055
CLPL.OF-D.812000	COVE LIGHT PLUS OPTICAL FILM (D) 30° 900	DA24102047155
CLPL.OF-D.813000	COVE LIGHT PLUS OPTICAL FILM (D) 50° 900	DA24102047255
CLPL.OF-D.814000	COVE LIGHT PLUS OPTICAL FILM (D) 60° 900	DA24102047355
CLPL.OF-D.816000	COVE LIGHT PLUS OPTICAL FILM (D) 80° 900	DA24102047455
CLPL.OF-D.818000	COVE LIGHT PLUS OPTICAL FILM (D) 35°x10° 900	DA24102047555
CLPL.OF-D.821000	COVE LIGHT PLUS OPTICAL FILM (D) 60°x10° 900	DA24102047655
CLPL.OF-D.823000	COVE LIGHT PLUS OPTICAL FILM (D) 60°x20° 900	DA24102047755
CLPL.OF-D.824000	COVE LIGHT PLUS OPTICAL FILM (D) 60°x30° 900	DA24102047855
CLPL.OF-D.911000	COVE LIGHT PLUS OPTICAL FILM (D) 20° 1200	DA24102047955
CLPL.OF-D.912000	COVE LIGHT PLUS OPTICAL FILM (D) 30° 1200	DA24102048055
CLPL.OF-D.913000	COVE LIGHT PLUS OPTICAL FILM (D) 50° 1200	DA24102048155
CLPL.OF-D.914000	COVE LIGHT PLUS OPTICAL FILM (D) 60° 1200	DA24102048255
CLPL.OF-D.916000	COVE LIGHT PLUS OPTICAL FILM (D) 80° 1200	DA24102048355
CLPL.OF-D.918000	COVE LIGHT PLUS OPTICAL FILM (D) 35°x10° 1200	DA24102048455
CLPL.OF-D.921000	COVE LIGHT PLUS OPTICAL FILM (D) 60°x10° 1200	DA24102048555
CLPL.OF-D.923000	COVE LIGHT PLUS OPTICAL FILM (D) 60°x20° 1200	DA24102048655
CLPL.OF-D.924000	COVE LIGHT PLUS OPTICAL FILM (D) 60°x30° 1200	DA24102048755
Note: No ASY OPTICAL Film (must use native optics fixture and not by Optical Film)		

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

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