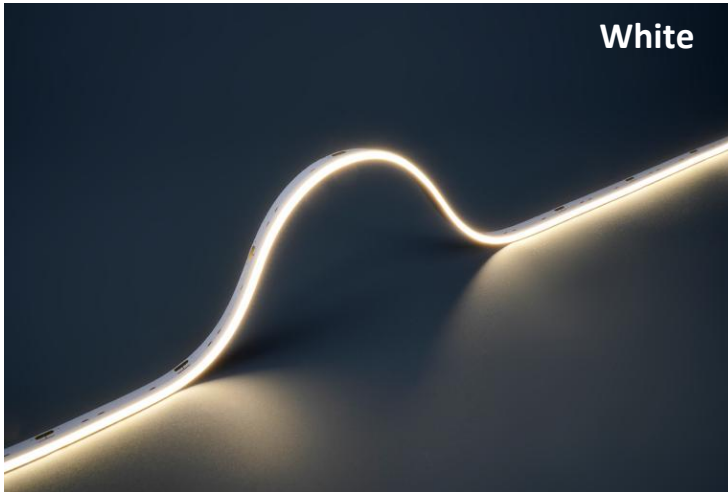


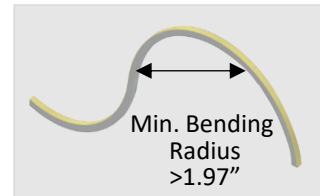
Coblence Side Specifications



Coblence Side utilizes advanced SOB technology to deliver a pixelation-free, uniform and side-emitting light solution, producing a perfectly homogeneous linear LED light line.



Bending Instruction



White



RGBW Addressable



Coblence Side Specifications



Technical Information

Model	Product	CCT	Output (lm/ft)	Consump. (watt/ft)	Efficacy (lm/watt)	CRI	Voltage	Max Length	Min Cut
Coblence Side-Emitting	L190	2700K	~ 175	~ 3.0 W	~ 60 lm	>90	24V	16.4'	1.97"
		3000K	~ 185	~ 3.0 W	~ 60 lm	>90	24V	16.4'	1.97"
		3500K	~ 190	~ 3.0 W	~ 65 lm	>90	24V	16.4'	1.97"
		4000K	~ 195	~ 3.0 W	~ 65 lm	>90	24V	16.4'	1.97"
	RGBW Addressable	RGBW-AD	~ 160	~ 6.7 W	~ 25 lm	>90	24V	16.4'	2.19"

Example: CSE-L190P20CT30-DUD-6'

Coblence Side-Emitting, ~190 lm/ft, 3000K, Dimming Driver, 6ft

Ordering Code

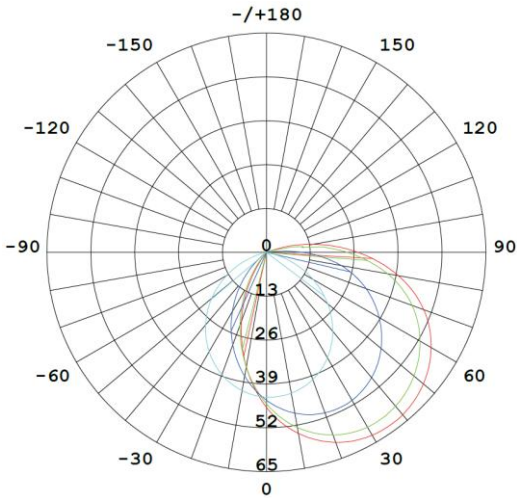
CSE	L190	IP20	CT30	DUD	6'
Model	Output	IP Rating	CCT	Driver	Length
CSE Coblence Side-Emitting	L190 ~ 190 lm/ft RGBW	IP20 Indoor	CT27 2700K CT30 3000K CT35 3500K CT40 4000K RGBW-AD	NTR Non-Dimming DUD Dimming 0.1%-100% Triac/0-10V/10V PWM/ Potentiometer FPD Dimming 1%-100%	Enter run length

Coblence Side Specifications



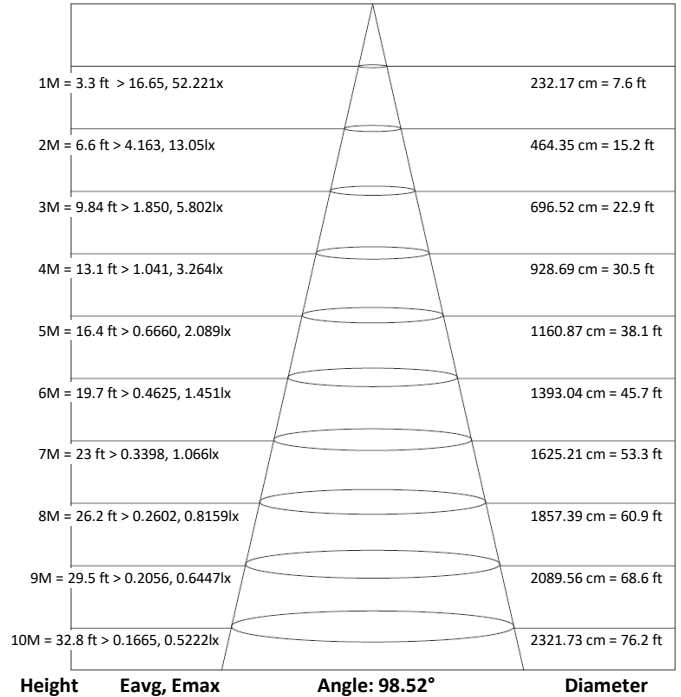
Photometric

White

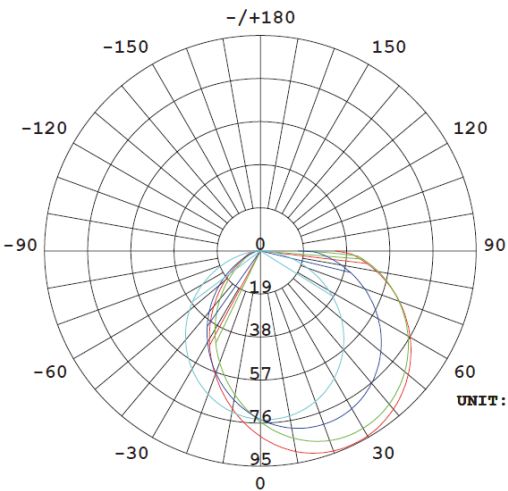


Average Beam Angle (50%): 100.5°

- C0/180, 99.0 Ic=62.97
- C30/210, 99.4 Ic=59.95
- C60/240, 101.2 Ic=50.91
- C90/270, 102.6 Ic=42.92

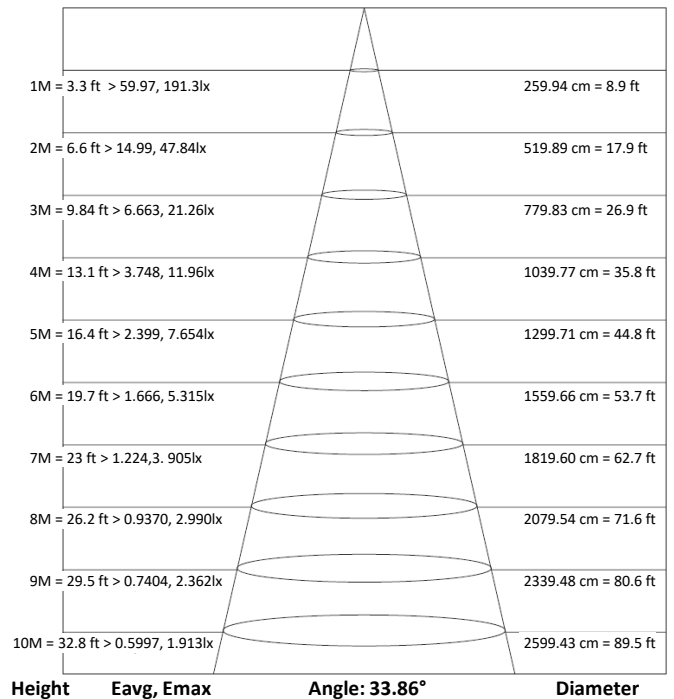


RGBW Addressable



Average Beam Angle (50%): 111.6°







- C0/180, 111.0 Ic=191.8
- C30/210, 110.9 Ic=186.0
- C60/240, 111.8 Ic=180.6
- C90/270, 112.7 Ic=176.9



Coblence Side Specifications



Power Supply Ordering Codes

DUD		+	60		+	IP65		DUD60IP65 - Dimming, 60 Watt, IP65								
MODEL		+	POWER		+	IP RATING		INPUT	OUTPUT	DIMENSION						
NTR Non-Dimming		+	50	50 Watt	+	IP00 Indoor		88-264V	24V	3.90 x 3.82 x 1.42						
			75	75 Watt						5.08 x 3.82 x 1.50						
			100	100 Watt						6.26 x 3.82 x 1.50						
			150	150 Watt						7.84 x 3.85 x 1.50						
			200	200 Watt						8.46 x 4.53 x 1.18						
			320	320 Watt						8.46 x 4.53 x 1.18						
			750	750 Watt						9.84 x 5.00 x 1.61						
			960	960 Watt						11.60 x 5.00 x 1.61						
			12	12 Watt						+	IP42 Indoor		90-264V	24V	3.03 x 1.57 x 1.14	
			16	16 Watt											3.03 x 1.57 x 1.14	
			25	25 Watt											3.31 x 2.24 x 1.16	
			35	35 Watt											3.31 x 2.24 x 1.16	
		+	20	20 Watt	+	IP67 Outdoor		90-264V	24V	4.65 x 1.38 x 1.02						
				35						35 Watt	5.83 x 1.57 x 1.18					
				60						60 Watt	6.40 x 1.67 x 1.26					
				100						100 Watt	7.48 x 2.05 x 1.46					
				150						150 Watt	7.52 x 2.48 x 1.48					
				240						240 Watt	9.61 x 2.68 x 1.53					
				320						320 Watt	9.92 x 3.54 x 1.72					
				DUD Dimming 0.1%-100%						Universal: Triac/0-10V/ 10V PWM/ Potentiometer	+	18	18 Watt	+	IP65 Outdoor	
24	24 Watt	5.04 x 2.09 x 0.83														
36	36 Watt	5.98 x 2.32 x 0.83														
48	48 Watt	5.98 x 2.32 x 0.83														
60	60 Watt	5.98 x 2.32 x 0.83														
80	80 Watt	7.17 x 2.32 x 0.83														
96	96 Watt	7.16 x 2.48 x 1.49														
120	120 Watt	7.16 x 2.48 x 1.49														
150	150 Watt	9.92 x 2.48 x 1.49														
200	200 Watt	9.92 x 2.48 x 1.49														
300	300 Watt	12.1 x 2.48 x 1.49														
FPD Dimming min 1% (Forward Phase)		+	40		40 Watt	+	IP67 Outdoor		120V			24V	4.92 x 2.20 x 0.79			
			60	60 Watt	4.92 x 2.20 x 0.79											
			75	75 Watt	4.92 x 2.20 x 0.79											
			96	96 Watt	4.92 x 2.20 x 0.79											
FPD Dimming min 1% (Forward Phase) with junction box		+	20	20 Watt	+	IP14 Indoor		120V	24V	5.60 x 2.00 x 2.14						
			40	40 Watt						5.60 x 2.00 x 2.14						
			60	60 Watt						6.62 x 2.58 x 2.33						
			96	96 Watt						6.62 x 2.58 x 2.33						
			150	150 Watt						9.80 x 3.00 x 2.74						
			200	200 Watt						9.80 x 3.00 x 2.74						
300	300 Watt	10.07 x 4.20 x 3.50														



Warning

Warranty is VOID if any of the below are violated

READ AND FOLLOW ALL BELOW SAFETY INSTRUCTIONS

- Avoid any mechanical stress on the LED tape and its components
- Do not touch top of LED to prevent wire bond damage
- Do not power on the tape when rolled up in the reel
- The electrical circuit must not be damaged or interrupted during assembly
- Use only with Listed Class 2 power unit
- Follow the voltage specifications and electrical polarity to avoid irreversible damage to the LED tape
- Only qualified personnel with appropriate training and following the electrical and safety standards should carry out the installation
- The LED components are sensitive to electrostatic discharge and may be installed in the location or site only if appropriate EOS/ESD protection measures have been taken
- Do not look directly into the LEDs to prevent harm to the eyes
- Exposure of IP00 tape to moisture or very humid environments must be avoided. Any LED tape malfunction due to corrosion damage is not subject to product warranty.
- LED strip can be cut only at the marked locations or between 2 solder points. Do not touch electrical components.
- The minimum bending radius is 1 ¼ ". Bend only in areas with no electronic components.
- The maximum light output and lifespan of the LED products depend on effective thermal design. If the maximum allowed temperature is exceeded, the life of the LED tape will be reduced by great margin or eventually destroyed.
- Appropriate heat dissipation management is required by the installation. Always apply the LED tape to a metallic heat sink and ensure the maximum temperature on the tape surface does not exceed 150°F.



Caution

Warranty is VOID if any of the below are violated

