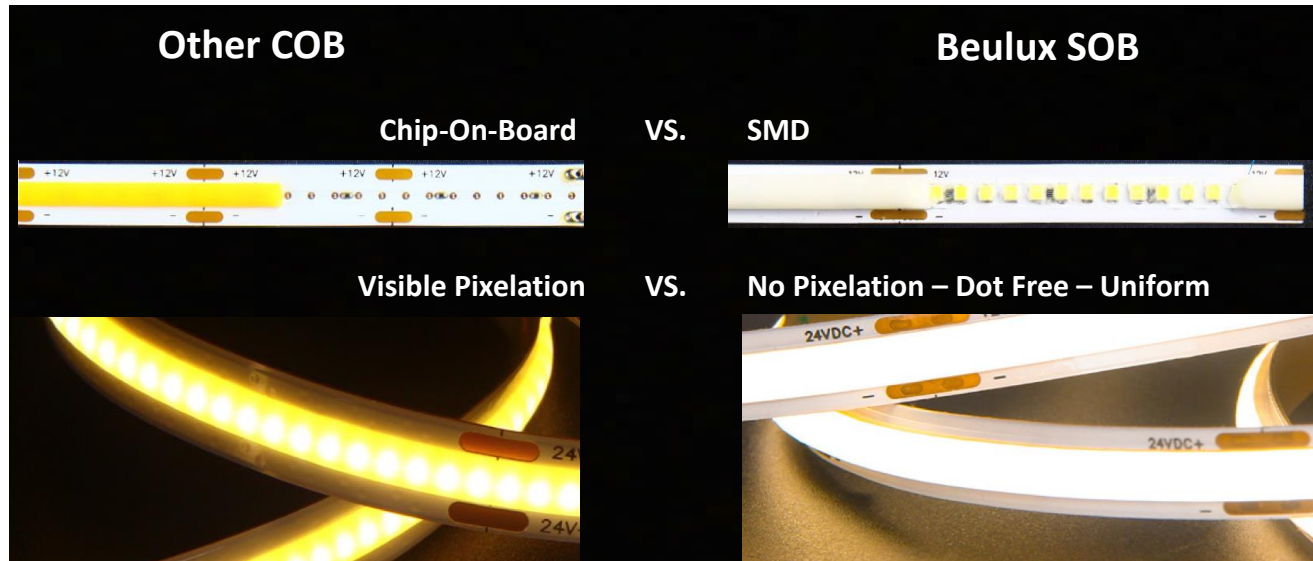
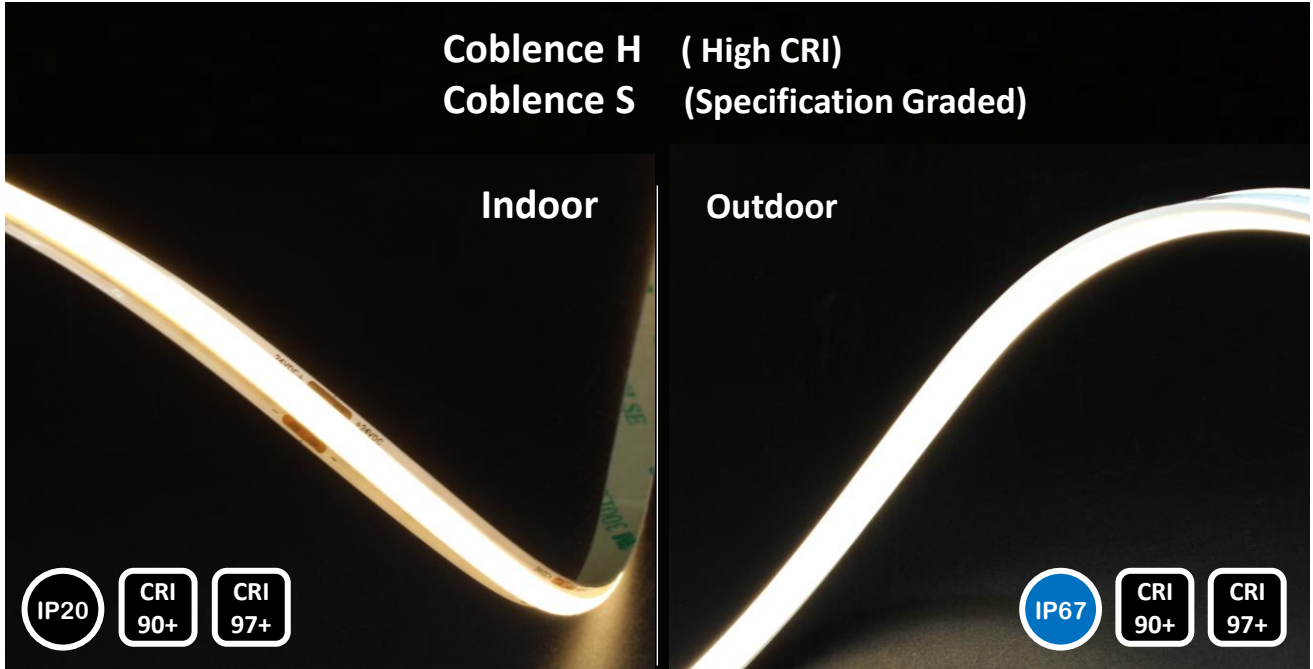


Coblence Tapelight Specifications



Beulux Coblence surpasses standard COB tape lights by using preselected, 1-Bin LEDs, ensuring perfect color consistency even over long runs. Constructed with SMD technology, it provides uniform light distribution without pixelation, offering superior performance and visual comfort.



Coblence Tapelight Specifications



Technical Information

Model	Product	CCT	Output (lm/ft)	Consump. (watt/ft)	Efficacy (lm/watt)	IP	CRI	Voltage	Max Length	Min Cut
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Coblence H (High CRI)										
Coblence H – IP20	L195	2700K	~ 180	~ 2.93	~ 75	IP20	>97	24V	49.2'	1.97"
		3000K	~ 190	~ 2.93	~ 75	IP20	>97	24V	49.2'	1.97"
		3500K	~ 195	~ 2.93	~ 80	IP20	>97	24V	49.2'	1.97"
		4000K	~ 200	~ 2.93	~ 80	IP20	>97	24V	49.2'	1.97"

Coblence H – IP67	L220	2700K	~ 205	~ 2.93	~ 75	IP67	>97	24V	65.6'	1.97"
		3000K	~ 215	~ 2.93	~ 75	IP67	>97	24V	65.6'	1.97"
		3500K	~ 220	~ 2.93	~ 80	IP67	>97	24V	65.6'	1.97"
		4000K	~ 230	~ 2.93	~ 80	IP67	>97	24V	65.6'	1.97"
	L325	2700K	~ 305	~ 4.88	~ 65	IP67	>97	24V	32.8'	1.16"
		3000K	~ 315	~ 4.88	~ 65	IP67	>97	24V	32.8'	1.16"
		3500K	~ 325	~ 4.88	~ 70	IP67	>97	24V	32.8'	1.16"
		4000K	~ 335	~ 4.88	~ 70	IP67	>97	24V	32.8'	1.16"

Coblence S (Specification)										
Coblence S – IP20	L280	2700K	~ 260	~ 2.93	~ 95	IP20	>90	24V	49.2'	1.97"
		3000K	~ 270	~ 2.93	~ 95	IP20	>90	24V	49.2'	1.97"
		3500K	~ 280	~ 2.93	~ 100	IP20	>90	24V	49.2'	1.97"
		4000K	~ 290	~ 2.93	~ 100	IP20	>90	24V	49.2'	1.97"

Coblence S – IP67	L335	2700K	~ 320	~ 2.93	~ 110	IP67	>90	24V	65.6'	1.97"
		3000K	~ 330	~ 2.93	~ 110	IP67	>90	24V	65.6'	1.97"
		3500K	~ 335	~ 2.93	~ 115	IP67	>90	24V	65.6'	1.97"
		4000K	~ 345	~ 2.93	~ 120	IP67	>90	24V	65.6'	1.97"
	L465	2700K	~ 435	~ 4.88	~ 90	IP67	>90	24V	32.8'	1.16"
		3000K	~ 450	~ 4.88	~ 90	IP67	>90	24V	32.8'	1.16"
		3500K	~ 465	~ 4.88	~ 95	IP67	>90	24V	32.8'	1.16"
		4000K	~ 480	~ 4.88	~ 100	IP67	>90	24V	32.8'	1.16"
	RGBW	RGBW	~ 205	~ 4.27	~ 50	IP67	N/A	24V	16.4'	2.19"

Coblence Tapelight Specifications



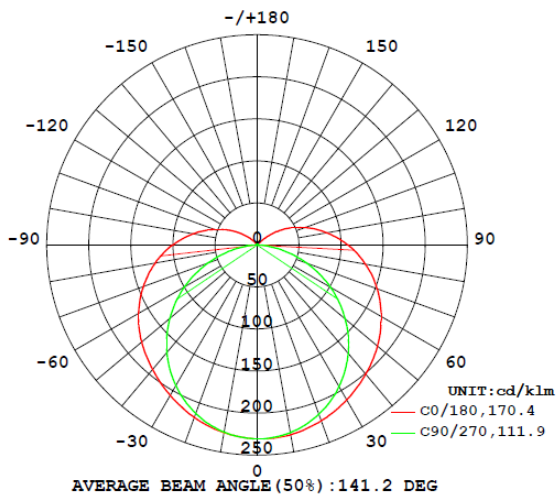
Ordering Code

Example: CH-L220IP20CT30-8'

Coblence H, ~ 220 lm/ft, IP67, 3000K, 8ft

Model	Output	IP Rating	CCT	Length	Accessories
CH Coblence H	L195 ~ 195 lm/ft	IP20 Indoor	CT27 2700K CT30 3000K CT35 3500K CT40 4000K	Enter run length	For IP67 only: EX Extrusion MC1 Mounting Clip (Plastic) MC2 Mounting Clip (Aluminum)
	L220 ~ 220 lm/ft L325 ~ 325 lm/ft	IP67 Outdoor			
CS Coblence S	L280 ~ 280 lm/ft	IP20 Indoor	CT27 2700K CT30 3000K CT35 3500K CT40 4000K		
	L335 ~ 335 lm/ft L465 ~ 465 lm/ft	IP67 Outdoor			
	RGBW RGBW	IP67 Outdoor	N/A		

Photometric

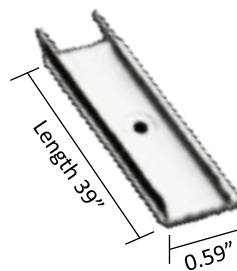


Accessories (compatible for IP67 only)

CB02

Extrusion

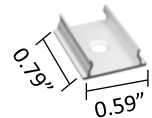
L 39" x W 0.59" x H 0.20"



CB02-MC1

Mounting Clip

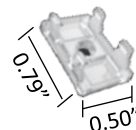
L 0.79" x W 0.59" x H 0.20"



CB02-MC2

Mounting Clip

L 0.79" x W 0.50" x H 0.26"



Coblence Specifications – Compatibility



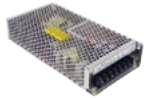





EXTRUSION	SOB-H 280 lm	SOB-H 500 lm	SOB-S 215 lm	SOB-S 430 lm	SOB-S RGBW
AA01	●	●	●	●	●
AA07	●	●	●	●	●
AB02	∅	∅	∅	∅	∅
AC02	●	●	●	●	●
AD02	●	●	●	●	∅
AG01	●	●	●	●	●
AL02	∅	∅	∅	∅	∅
BA02	●	●	●	●	●
BE08	●	●	●	●	●
CT06	●	●	●	●	●
JA01	●	●	●	●	●
JB01	●	●	●	●	●
JC01	●	●	●	●	●
JD01	●	●	●	●	●
JE02	●	●	●	●	∅
JE04	●	●	●	●	●
JE08	●	●	●	●	∅
JF04	●	●	●	●	●
JG04	●	●	●	●	●
JK01	●	●	●	●	●
JK02	●	●	●	●	●
JM02	●	●	●	●	●
LA01	●	●	●	●	●
LB03IN	●	●	●	●	∅
LB03OUT	●	●	●	●	∅
LD01	●	●	●	●	●
LE05	●	●	●	●	●
LF01	●	●	●	●	●
LH01	●	●	●	●	●
LH02	●	●	●	●	●
LH08	●	●	●	●	●
LM55	●	●	●	●	●
MA02	●	●	●	●	●
OM55	●	●	●	●	●
PH01	●	●	●	●	●
PH02	●	●	●	●	●
PH04	●	●	●	●	●
TM02	●	●	●	●	●
UT01	●	●	●	●	●
VT01	●	●	●	●	●
VT02	●	●	●	●	●
VT03	●	●	●	●	●
WT02	●	●	●	●	●
XT02	●	●	●	●	●
YT06	●	●	●	●	●

● Compatible
 ∅ Not Compatible

Coblence Tapelight Specifications



Power Supply Ordering Codes

DTR		+	60		+	IP67		DTR60IP67 - Dimming, 60 Watt, IP67					
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										
DTR Dimming min 10% (0-10V)		16	16 Watt		IP30 Indoor	90-305V	24V	5.83 x 1.57 x 1.26					
		25	25 Watt					IP67 Outdoor	90-305V	24V	5.83 x 1.57 x 1.26		
		40	40 Watt								6.40 x 1.70 x 1.26		
		60	60 Watt								6.40 x 1.70 x 1.26		
		90	90 Watt								6.34 x 2.40 x 1.42		
		96	96 Watt								8.66 x 2.68 x 1.53		
		120	120 Watt								8.66 x 2.68 x 1.53		
		150	150 Watt								8.97 x 2.68 x 1.58		
		185	185 Watt								8.97 x 2.68 x 1.58		
		240	240 Watt								9.88 x 2.68 x 1.58		
	320	320 Watt	9.92 x 3.54 x 1.72										
	480	480 Watt	10.32 x 4.92 x 1.72										
	600	600 Watt	11.02 x 5.67 x 1.91										
FPD Dimming min 1% (Forward Phase)		20	20 Watt		IP67 Outdoor	120V	24V	4.92 x 2.20 x 0.79					
		40	40 Watt					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 Outdoor	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

