

CELESTIAL NEON



1800K-6000K CCT RGB PIXEL

Celestial Neon is a creative 3D-space lighting system designed for flexible, multi-directional installation. It can be configured as black neon or double-sided emitting neon, allowing designers to enhance spatial depth, atmosphere, and visual impact with clean, continuous illumination.



Omni Via



CELESTIAL NEON BLACK 1815

CELESTIAL NEON BLACK is a modern 3D lighting design in a sleek black frame, creating dramatic depth and atmospheric lighting effects.

The flexible and versatile installation makes the space more appealing and modern.

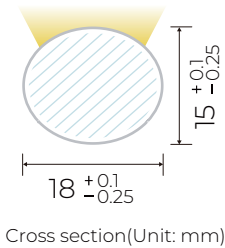
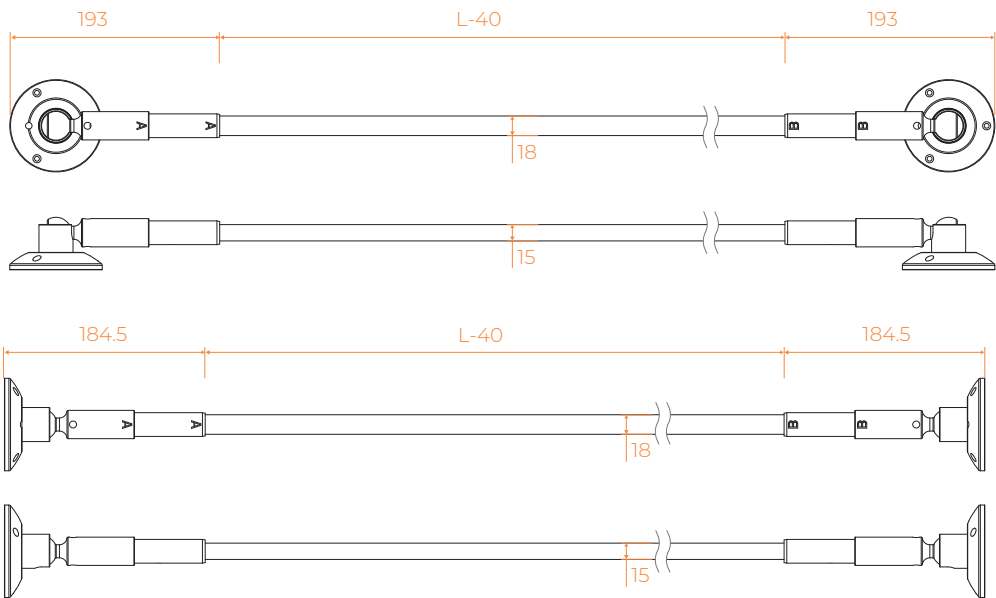
Features a uniform light distribution and a dimmable function, all in a sleek round design.

Offers IP54 protection, making it suitable for indoor use.

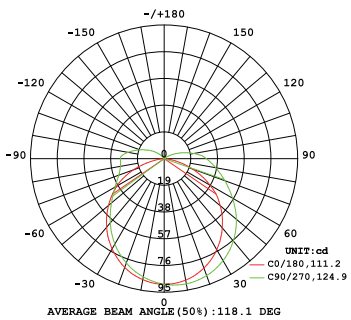
5 years warranty, long-life LED> 50,000 hrs, 1 Bin.



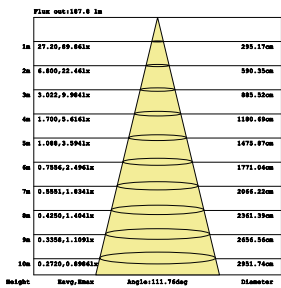
Dimensions



Note: "L" refers to the length of the light strip, and "L-40" indicates the total length minus 40mm.



Light Distribution Curve

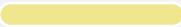


Effective Average Illuminance

Technical Data

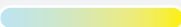
Input voltage	DC24V
Storage Temperature	-25℃ ~ 60℃
CRI(Ra)	≥90
Warranty	5years
Dimension	18x15mm
Working hour	50000h
Working temperture	-25℃ ~ +55℃
Power	Min:5w/m;Max:10w/m
Waterproof grade	IP44

Single colour PARAMETER



CCT(K)	CRI	Voltage	Power (W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
1800K±100	≥90	DC24V	10	78	7.8	50	5	CV
2400K±150	≥90	DC24V	10	98	9.8	50	5	CV
2700K±150	≥90	DC24V	10	98	9.8	50	5	CV
3000K±150	≥90	DC24V	10	96	9.6	50	5	CV
3500K±200	≥90	DC24V	10	107	10.7	50	5	CV
4000K±300	≥90	DC24V	10	105	10.5	50	5	CV
5000K±400	≥90	DC24V	10	103	10.3	50	5	CV
6000K±400	≥90	DC24V	10	105	10.5	50	5	CV
Red	--	DC24V	10	39	3.9	50	5	CV
Green	--	DC24V	10	95	9.5	50	5	CV
Blue	--	DC24V	10	19	1.9	50	5	CV
Yellow	--	DC24V	10	26	2.6	50	5	CV
Orange	--	DC24V	10	32	3.2	50	5	CV
Pink	--	DC24V	10	89	8.9	50	5	CV

CCT Tunable PARAMETER



CCT(K)	CRI	Voltage	Power (W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
2700K±150	≥90	DC24V	5	51	10.2	62.5	5	CV
6000K±400	≥90	DC24V	5	53	10.6			
2700K+6000K	≥90	DC24V	10	104	10.4			

RGB PARAMETER



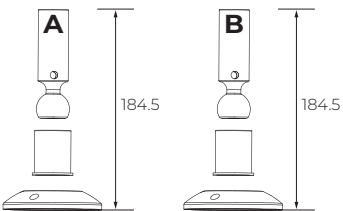
CCT(K)	CRI	Voltage	Power (W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
R	--	DC24V	3.3	9	2.7	50	5	CV
G	--	DC24V	3.3	30	9.0			
B	--	DC24V	3.3	4	1.2			
RGB	--	DC24V	10	42	4.2			

RGBW ELITE PIXEL



Voltage	Power (W)	CCT(K)	Lumen (LM/M)	Efficiency (LM/W)	Pixel(PCS)	Signal Type	ICModel	Unit Length (mm)
DC24V	13	R	7	0.5	100	SPI	UCS1903	10
	13	G	20	1.5				
	13	B	4	0.3				
	13	RGB	30	2.3				

Accessories



CELESTIAL NEON DUAL 1815

CELESTIAL NEON DUAL is a creative 3D space lighting concept featuring double-sided light emission, offering dynamic illumination from both sides for a balanced, immersive effect.

The flexible and versatile installation makes the space more appealing and modern.

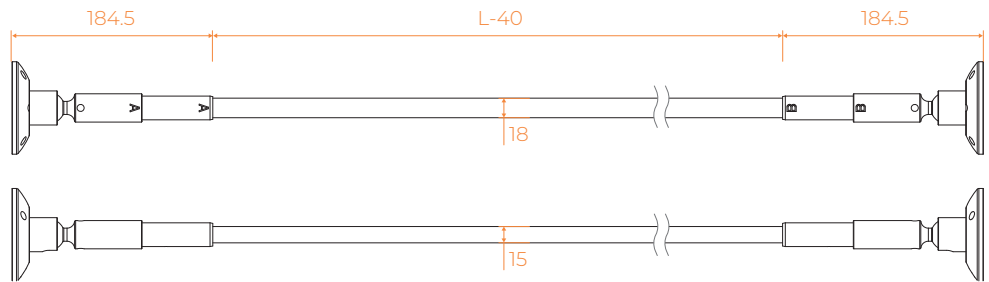
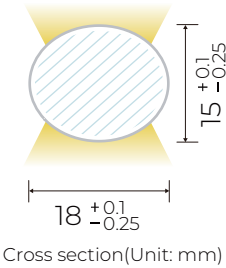
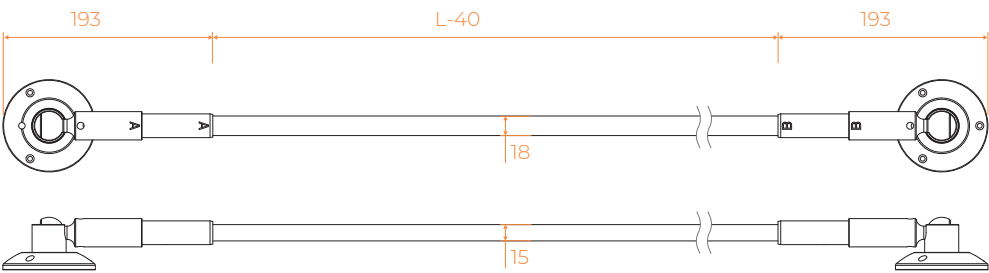
Features a uniform light distribution and a dimmable function, all in a sleek round design.

Offers IP54 protection, making it suitable for indoor use.

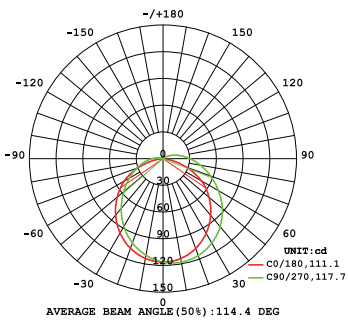
5 years warranty, long-life LED> 50,000 hrs, 1 Bin.



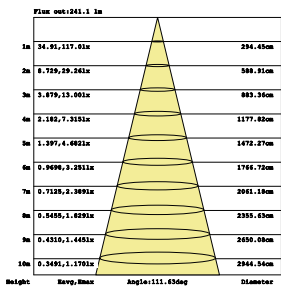
Dimensions



Note: "L" refers to the length of the light strip, and "L-40" indicates the total length minus 40mm.



Light Distribution Curve



Effective Average Illuminance

Technical Data

Input voltage	DC24V
Storage Temperature	-25℃~60℃
CRI(Ra)	≥90
Warranty	5years
Dimension	18x15mm
Working hour	50000h
Working temperture	-25℃~+55℃
Power	Min:5w/m;Max:10w/m
Waterproof grade	IP54

Single colour PARAMETER



CCT(K)	CRI	Voltage	Power (W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
1800K±100	≥90	DC24V	10	346	34.6	25	5	CV
2400K±150	≥90	DC24V	10	420	42.0	25	5	CV
2700K±150	≥90	DC24V	10	460	46.0	25	5	CV
3000K±150	≥90	DC24V	10	466	46.6	25	5	CV
3500K±200	≥90	DC24V	10	464	46.4	25	5	CV
4000K±300	≥90	DC24V	10	495	49.5	25	5	CV
5000K±400	≥90	DC24V	10	492	49.2	25	5	CV
5700K±400	≥90	DC24V	10	460	46.0	25	5	CV
Red	--	DC24V	10	190	19.0	25	5	CV
Green	--	DC24V	10	560	56.0	25	5	CV
Blue	--	DC24V	10	102	10.2	25	5	CV
Yellow	--	DC24V	10	128	12.8	25	5	CV
Orange	--	DC24V	10	138	13.8	25	5	CV
Pink	--	DC24V	10	438	43.8	25	5	CV

CCT Tunable PARAMETER



CCT(K)	CRI	Voltage	Power (W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
2700K±150	≥90	DC24V	5	205	41.0	62.5	5	CV
6000K±400	≥90	DC24V	5	189	37.7			
2700K+6000K	≥90	DC24V	10	392	39.2			

RGB PARAMETER



CCT(K)	CRI	Voltage	Power (W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	3.3	34	10.3	50	5	CV
G	--	DC24V	3.3	119	36.2			
B	--	DC24V	3.3	18	5.6			
RGB	--	DC24V	10	186	18.6			

Digital RGB PARAMETER



Voltage	Power (W)	CCT(K)	Lumen (LM/M)	Efficiency (LM/W)	Pixel(PCS)	Signal Type	IC Model	Unit Length (mm)
DC12V	4.5	R	42	1.6	100	SPI	UCS1903	10
	4.5	G	109	4.2				
	4.5	B	23	0.9				
	11.5	RGB	166	6.4				

Accessories

