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LED NEON FLEX SPECIFICATION

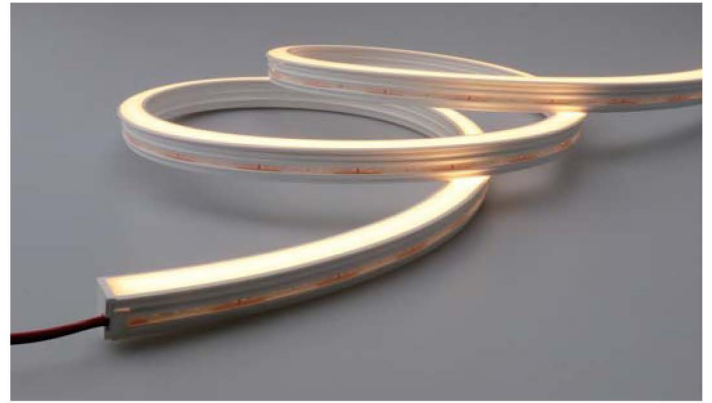
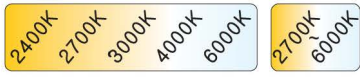
IP44 NEON S1220T 24V SIDE VIEW



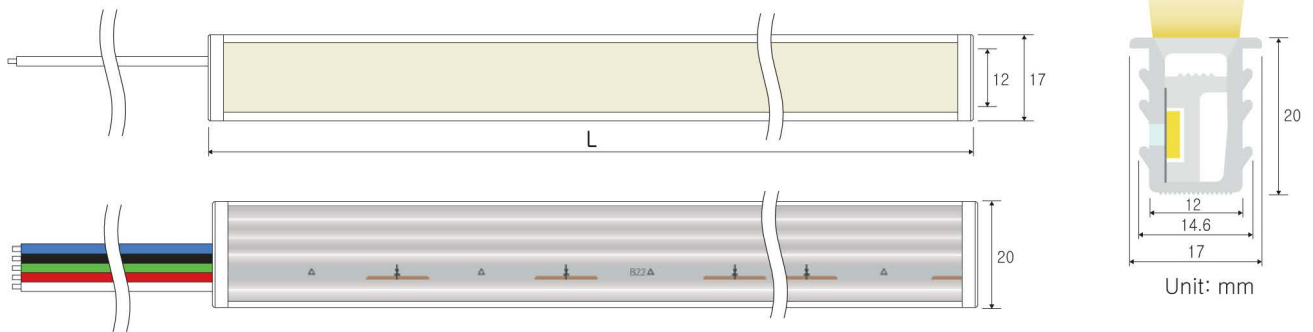
IP44 NEON S1220T 24V SIDE VIEW



- "wing-designed", no need mounting profiles
- Max length 18 meters with one end power
- Five CCT optional from 2700K to 6000K
- 3 years warranty, working life >30000 hours:

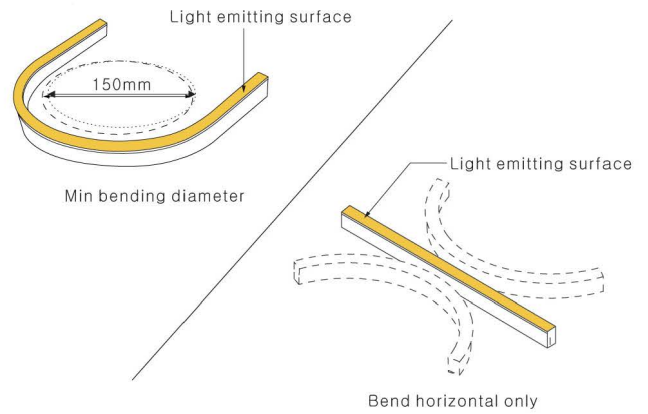


Dimension structure



Product specification

Voltage	DC24 V	
CRI/Ra	>90	
Ambient temperature	-25°C~45°C	
Length Range(m)	Final Length(mm)	Tolerance (mm)
0m<Length≤5m	L+6	±7
5m<Length≤10m	L+6	±10
10m<Length≤15m	L+6	±13
15m<Length≤20m	L+6	±16



White color parameters

Part Number	CCT (K)	Power (w/m)	Efficiency (lm/w)	Lumen (lm/m)	Unit Length (mm)	Max Run Length (m)
NS-S1220T-W24	2350-2550K	10	37.4	374	50	17
NS-S1220T-W27	2600-2800K	10	36.5	365	50	17
NS-S1220T-W30	2850-3150K	10	37.0	370	50	17
NS-S1220T-W40	3800-4200K	10	40.7	407	50	17
NS-S1220T-W60	5600-6100K	10	37.8	378	50	17

Single color parameters

Part Number	Color (nm)	Power (w/m)	Efficiency (lm/w)	Lumen (lm/m)	Unit Length (mm)	Max Run Length (m)
NS-S1220T-R	Red(620-625nm)	10	16.9	169	50	18
NS-S1220T-G	Green(515-525nm)	10	42.7	427	50	17
NS-S1220T-B	Blue(460-465nm)	10	9.8	98	50	17
NS-S1220T-Y	Yellow(585-595nm)	10	12.6	126	50	18
NS-S1220T-O	Orange	10	16.7	167	50	17
NS-S1220T-P	Pink	10	34.6	346	50	17

Tunable color parameters

Part Number	CCT (K)	Power (w/m)	Efficiency (lm/w)	Lumen (lm/m)	Unit Length (mm)	Max Run Length (m)
NS-S1220T-TW	2600-2800K	5	45.2	226	71.4	5
NS-S1220T-TW	5700-6200K	5	48.2	241	71.4	5
NS-S1220T-TW	3800-4200K	10	46.2	462	71.4	5

RGB color parameters

Part Number	Color (nm)	Power (w/m)	Efficiency (lm/w)	Lumen (lm/m)	Unit Length (mm)	Max Run Length (m)
NS-S1220T-RGB	Red(620-625nm)	3.3	13.6	45	83.33	5
NS-S1220T-RGB	Green(515-525nm)	3.3	52.4	173	83.33	5
NS-S1220T-RGB	Blue(460-465nm)	3.3	10.3	34	83.33	5
NS-S1220T-RGB	RGB	10	25.4	254	83.33	5

RGBW color parameters(RGB+2400K)

Color (nm)	CRI	Power (w/m)	Efficiency (lm/w)	Lumen (lm/m)	Unit Length (mm)	Max Run Length (m)
Red	N/A	2.5	13.6	34.0	83.33	5
Green	NA/	2.5	52.4	131.0	83.33	5
Blue	N/A	2.5	11.6	29.0	83.33	5
2400K	>90	2.5	42.4	106.0	83.33	5
RGB	N/A	7.5	25.7	193.0	83.33	5
RGBW	N/A	10	30.0	300.0	83.33	5

RGBW color parameters(RGB+2700K)

Color (nm)	CRI	Power (w/m)	Efficiency (lm/w)	Lumen (lm/m)	Unit Length (mm)	Max Run Length (m)
Red	N/A	2.5	14.0	35	83.33	5
Green	NA/	2.5	55.2	138	83.33	5
Blue	N/A	2.5	12.0	30	83.33	5
2700K	>90	2.5	44.4	111	83.33	5
RGB	N/A	7.5	26.9	202	83.33	5
RGBW	N/A	10	31.4	314	83.33	5