

# FLEXLINE E30

DISCONTINUOUS FLEXIBLE LINEAR

Type: \_\_\_\_\_

Project: \_\_\_\_\_

**Delivered Lumens:**  
21,152 lm (25m reel)

**Wattage:**  
251 W/m (25m reel)

**Efficacy:**  
84 lm/W

**Colour Temperatures:**  
5000 K

**CRI:**  
>80

**Projected Lumen Maintenance:**  
L<sub>70</sub>@ 35,000 hrs

The **FlexLine E30** is the next generation of linear LEDs, designed specifically for areas where length is important. A unique design, discontinuous lighting effect, and the possibility to go up to 150M.



## Pre-Built Inventory

ORDER CODE	SHORT DESCRIPTION	LONG DESCRIPTION
19000402	FL13-120V-JB82SI-112.5W-14-2835-NW-4.5	FLEXLINE E30 SERIES 25M STRIP 120V INPUT 5000K 13X5MM FULL SILICON MILKLY WHITE FINISH M19 CONNECTORS WITH YELLOW HANDLE PLASTIC REEL

## Accessories

ORDER CODE	DESCRIPTION
50000400	FLEXLINE POWER CABLE
50000401	FLEXLINE E30 TENSOR BRACKET (minimum of 2)



### HOUSING:

IP67 fully encapsulated in silicone

### AMBIENT TEMPERATURE:

-40°C up to +60°C

### DIMMING:

0-10V dimming is standard

### ELECTRICAL:

Available in 5000K and operates in 120V, 50/60Hz, with a >0.9 power factor and 14 LEDs per 0.5m illuminated section with a 0.5m bare PCB section between illuminated segments. Average power consumption: 4.5 W/m.

### MAX REEL CONNECTION LENGTH:

150m (6 reels)

### MOUNTING:

Mount using a minimum of two E30 Tensors at each end, secured with either cable ties or wall plugs.

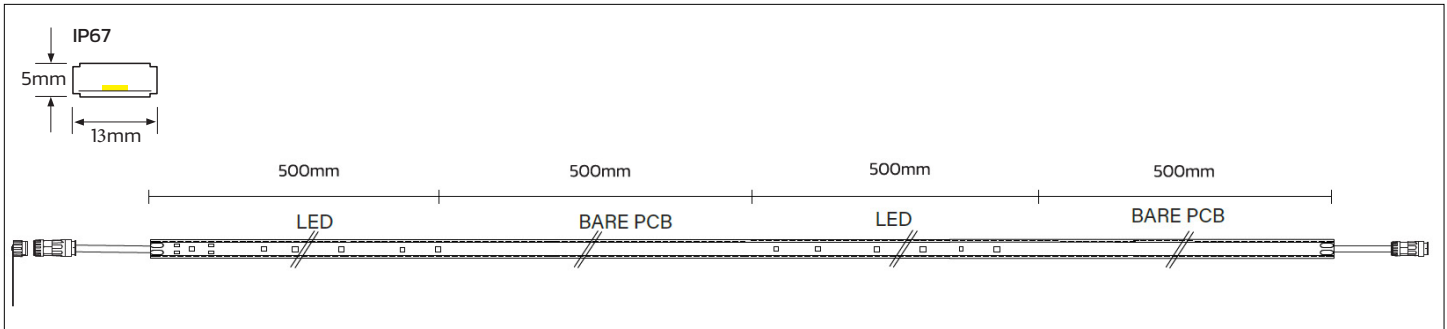
### WEIGHT:

25M reel: 24.60 lbs / 11.16 kg

### WARRANTY:

5-Year Standard Warranty

## Dimensions



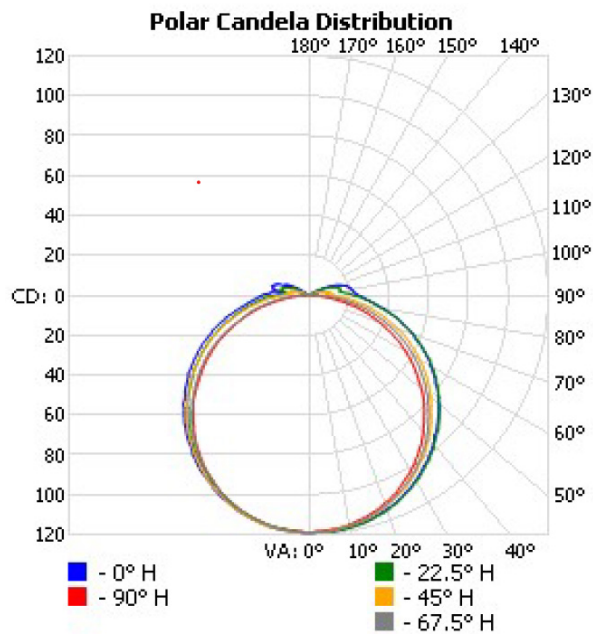
## FlexLine E30

## Energy Chart

MODEL	*POWER	LED	LENGTH	EFFICACY	*LUMEN	MAX LENGTH CONNECTION	LIFETIME (L70) HOURS
FLEXLINE E30	5W	14	500mm	84 lm/W	423 lm	150m	35,000
	10W	14	1m		846 lm		
	50W	70	5m		4,230 lm		
	251W	350	25m		21,152 lm		

NOTE\*: Calculations based on IES files

**FLEXLINE E30 (0.5 m)**  
Luminous Intensity Distribution



## Zonal Lumen Summary

ZONE	LUMENS	% LUMINAIRE
0-30	94	22%
0-40	156	37%
0-60	286	68%
60-90	113	27%
70-100	70	17%
90-120	23	5%
0-90	400	95%
90-180	23	6%
0-180	423	100%

PHOTOMETRIC DATA