

Datasheet

LuxaLight LED-strip Neutral White 4300K Protected (48 Volt, 160 LEDs, 2835, IP64)

LS48NW140X2835PLX

Version: 2024-11-01.4

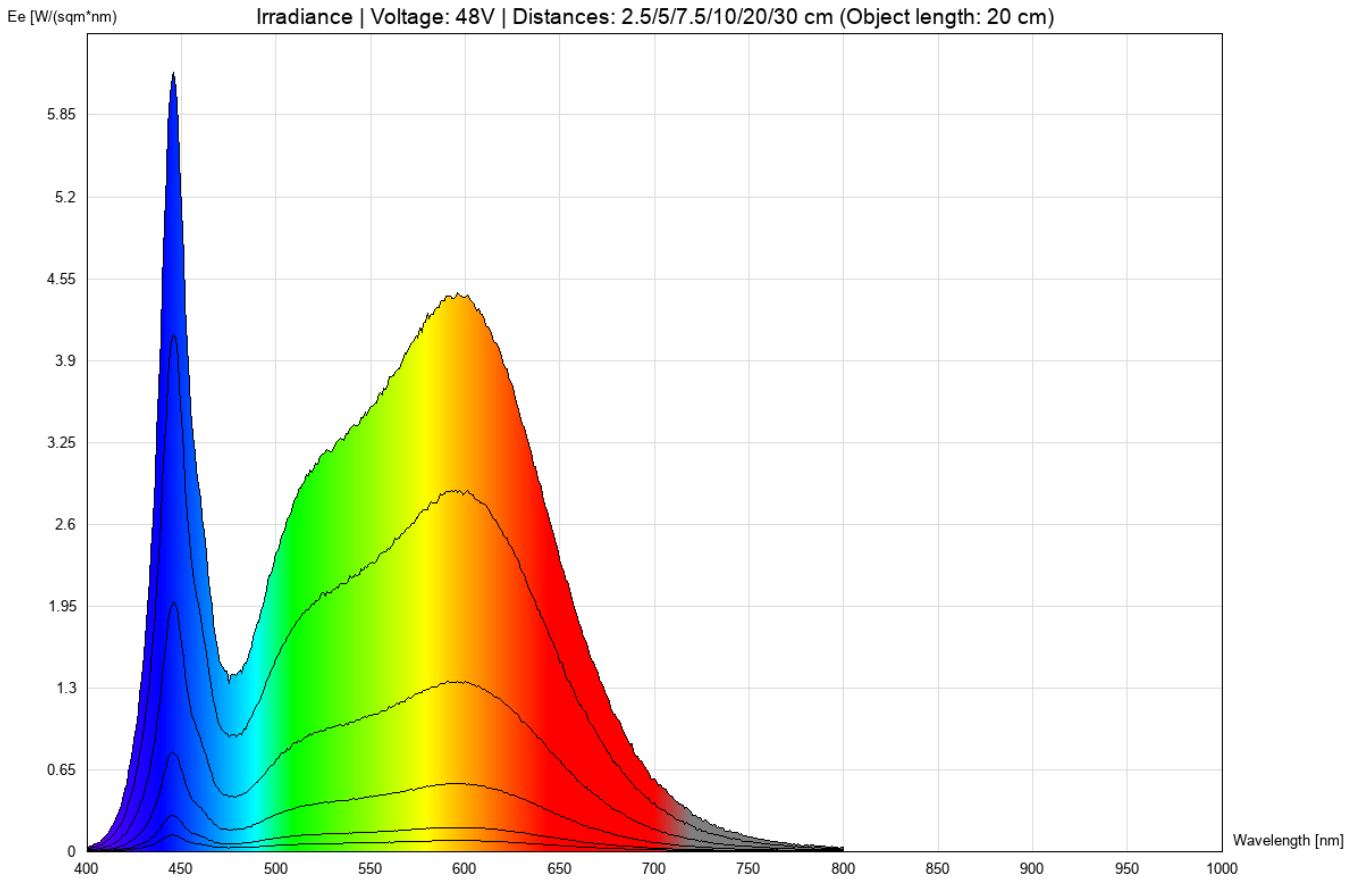
Technical specifications

General		
Brand	LuxaLight	
LEDs / meter	160	
LED type	2835	
Length per reel	10 m	
Length per segment	100 mm	
LED strip width	10.00 mm	
LED strip thickness	4.00 mm	
PCB color	White	
Lighting		
Color temperature	4000 ~ 4300 K	
CRI	≥ 80	
Luminous Flux	≈ 3990 lm	
Illuminance (Lux) (Object length: 20 cm)	48V	
	2.5cm	257700 lx
	5cm	166900 lx
	7.5cm	78730 lx
	10cm	31440 lx
	20cm	11050 lx
	30cm	4948 lx
Total PPFd umol/m2 (PAR 400-700nm) (Object length: 20 cm)	48V	
	2.5cm	3728.54 umol/m2
	5cm	2422.32 umol/m2
	7.5cm	1144.44 umol/m2
	10cm	455.374 umol/m2
	20cm	160.577 umol/m2
	30cm	71.9855 umol/m2
BIN	3 SDCM	
Beam angle	120 °	
LB waarde	L90B50	
Electronics		
Working voltage	48V	
Current / meter	0.44 A / meter	
Power consumption per meter	21.00 W / meter	
PCB material	Copper	
Environmental		
Operating temperature min	-25.00 °C	
Operating temperature max	70.00 °C	

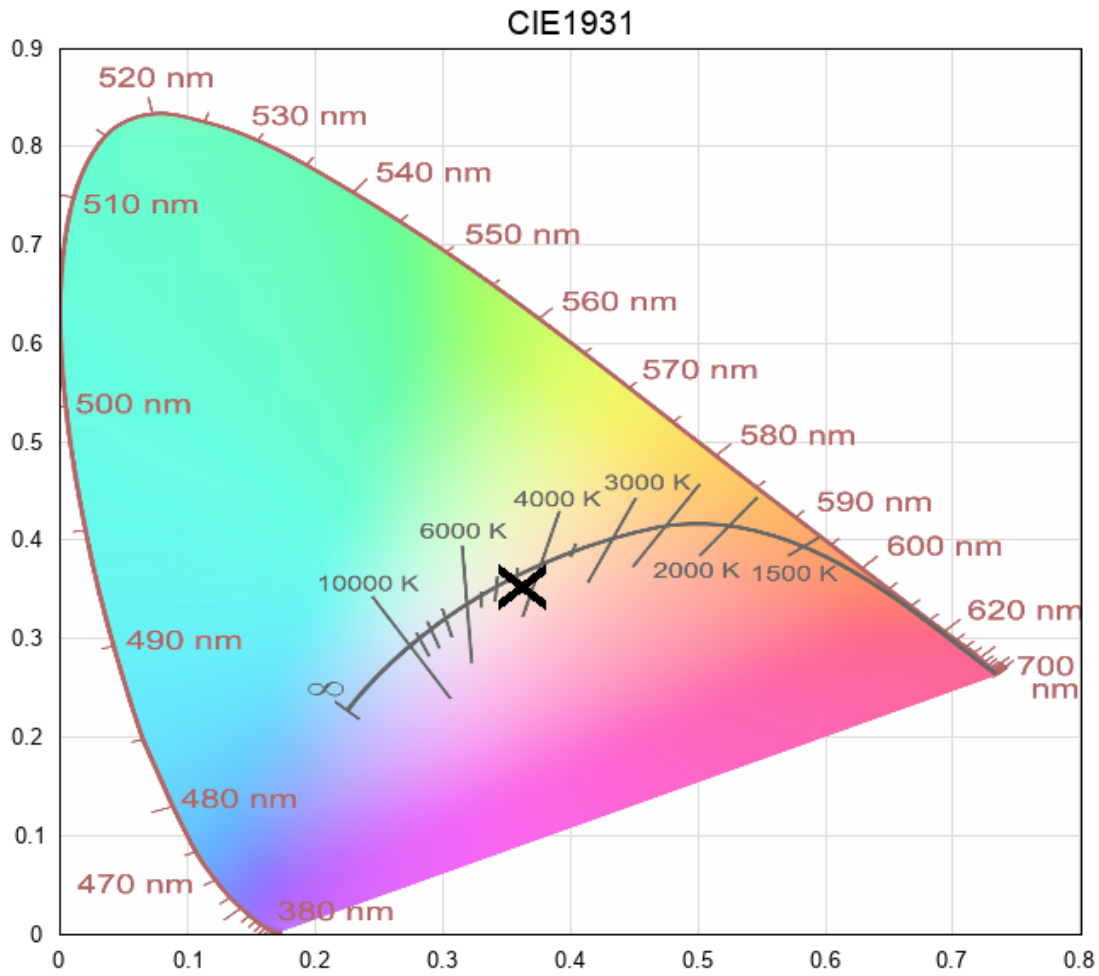
Storage temperature min	-20.00 °C
Storage temperature max	60.00 °C
IP class	IP 64

Test results

irradiance - full-spectrum (48V)



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