

Datasheet

LuxaLight Pixel LED-strip TM1824 Digital RGB + Warm White High Power Protected 24 Volt, 84 LEDs, 5050, IP64)

LS24RGBWW84TM1824PLX

Version: 2025-02-19.1

Technical specifications

General

Brand	LuxaLight
LEDs / meter	84
LEDs per pixel	6
LED type	5050
Length per reel	10 m
Length per segment	71.43 mm
LED strip width	10.00 mm
LED strip thickness	4.00 mm
PCB color	White
Mantle material	Silicon
Dimensions	10.000 × 12 × 4 mm
Mounting	3M tape VHB4905
Warranty	2 years
Lifetime	50000 hours

Lighting

CRI	≥ 80
Luminous Flux	1395 lm
Luminous flux red	240 lm
Luminous flux green	348 lm
Luminous flux blue	222 lm
Luminous flux warm white	585 lm
Wave length Red	620~630 nm
Wave length Green	510~525 nm
Wave length Blue	455~470 nm
Beam angle	120 °

Electronics

Working voltage	24V
Current / meter	0.72 A / meter
Power consumption per meter	17.20 W / meter
PCB material	Copper

Environmental

Operating temperature	-20 ~ +60 °C
Storage temperature	-40 ~ +80 °C
IP class	IP 64

Directives - standards - certificates

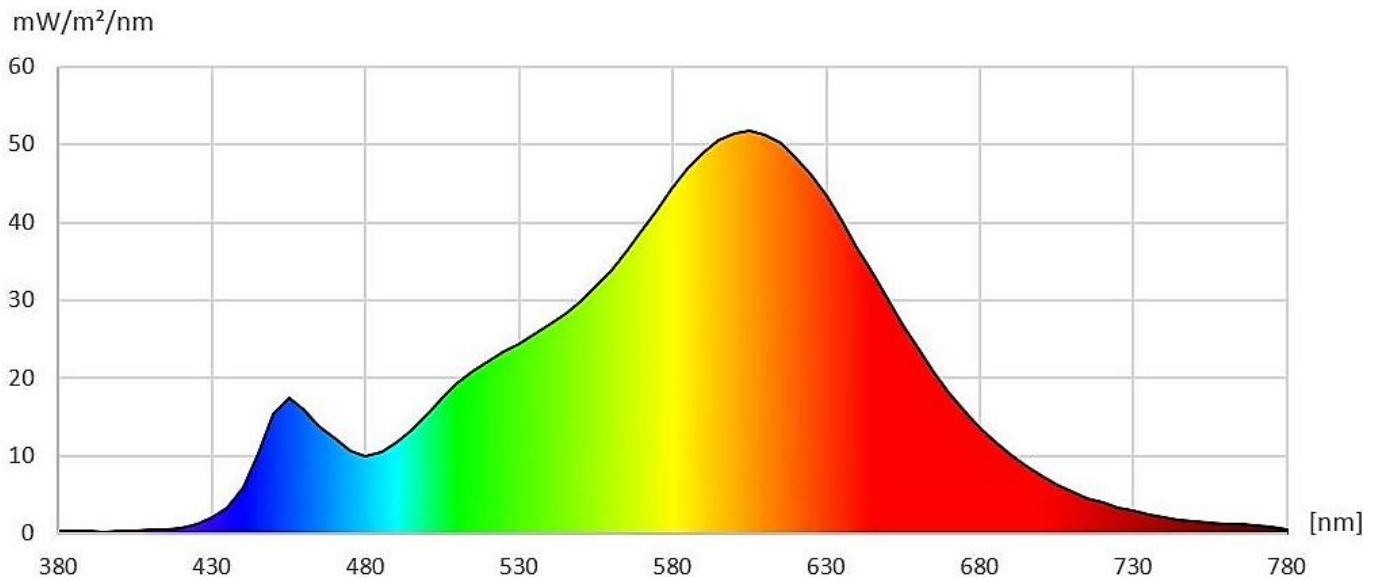
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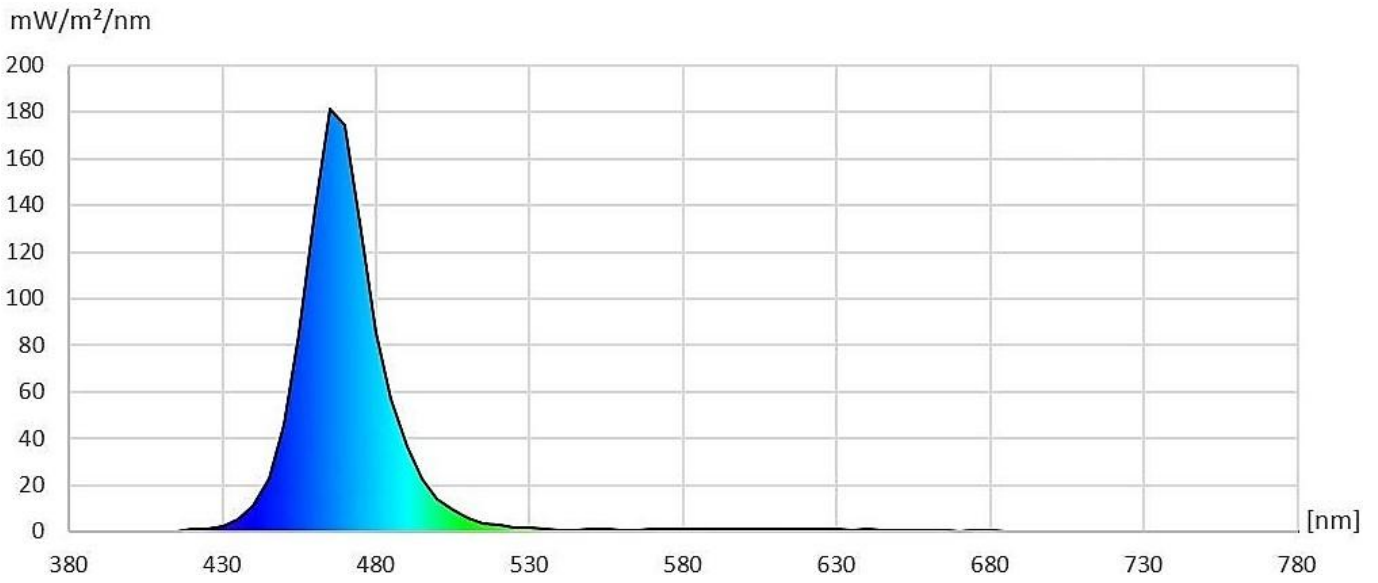
RoHS
CE

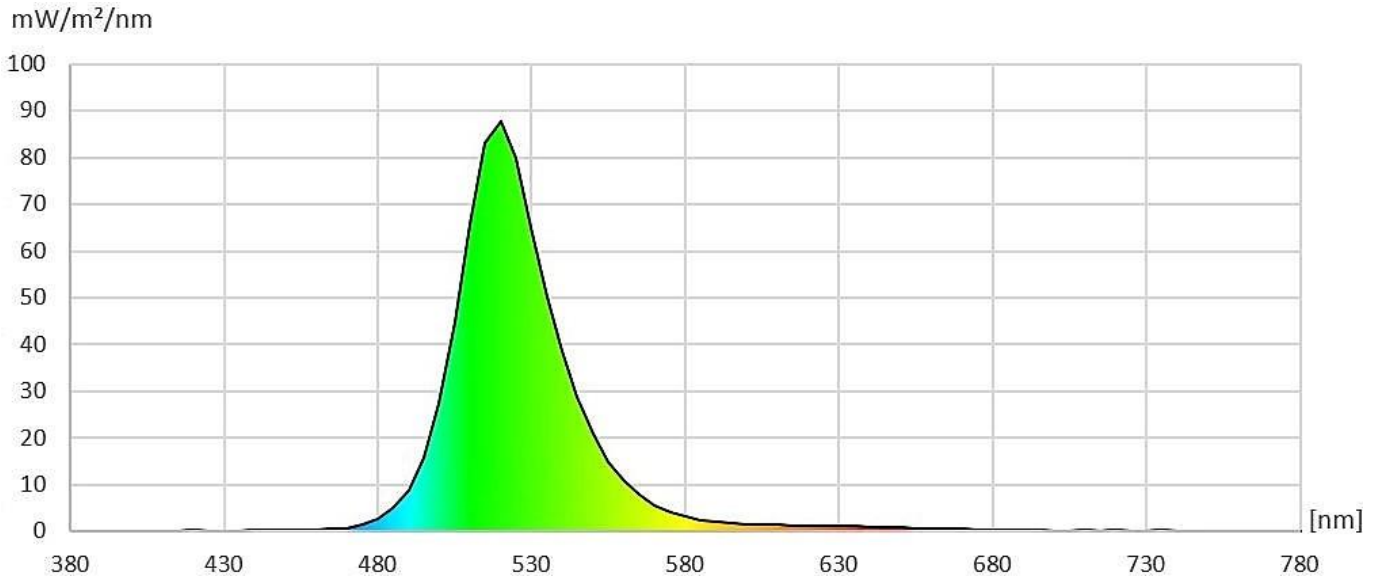
Safety standards

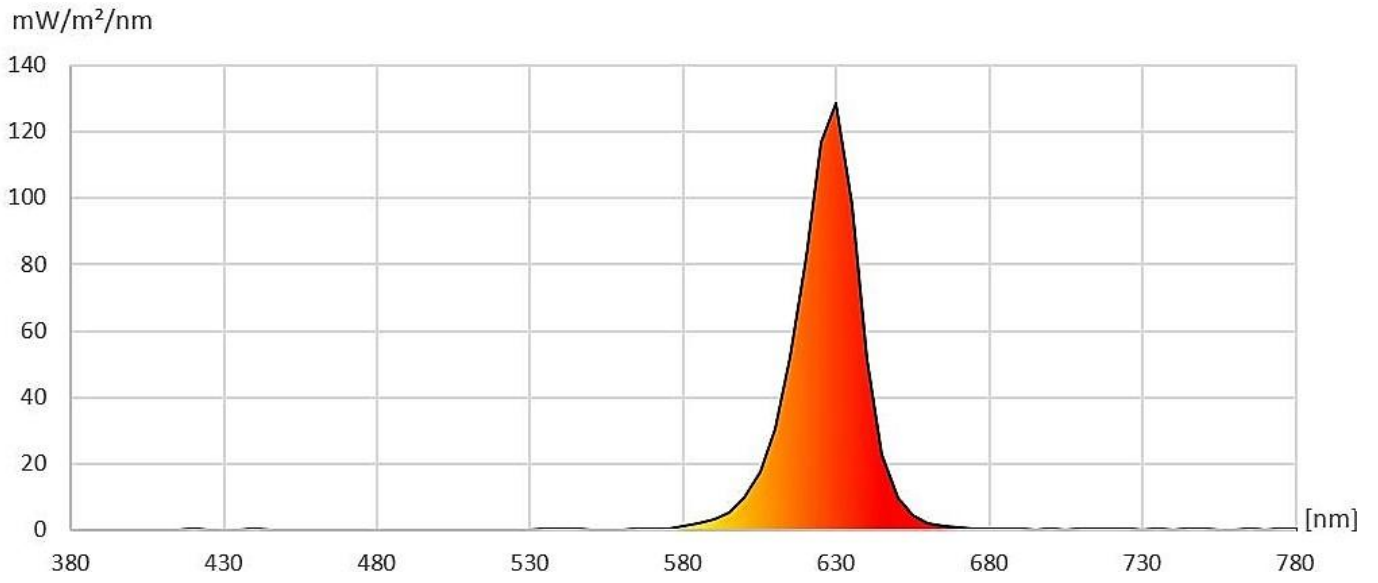
EN60598-1
EN62031
IEC62471

Measurement results









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