LED-STRIP COB • 24V • 12W • 2700K • IP20 • 1100LM • RA90 • 8MM



12W/m 640 chips
24V DC
110lm/W
2.5 cm cutting section
Ra > 90
70000h L70 lifetime
Roll length: 30m or 10m for IP20, 10m for IP66
3-year warranty

A professional, next-generation LED strip designed for continuous operation, featuring an impressive 640 chips per meter for maximum light uniformity. The increased number of LEDs reduces the current per chip, resulting in a significantly longer lifespan, more stable performance, and higher luminous efficacy. The advanced construction delivers a perfectly seamless line of light, with no visible hotspots even when dimmed. A short 2.5 cm cutting interval allows for extremely precise installation adjustments. With a wide beam angle of over 160° and 3M 300LSE adhesive backing, the strip ensures uniform illumination and reliable installation. An ideal choice for premium installations where aesthetics, performance, and reliability are essential.

Specification

Parameter	Value
Symbol	COBH-12-HW-24-30M
EAN13	5901289751391
ETIM CLASS	Light ribbon-/hose/-strip
Socket	wires
Model	Tape
Mains or non-mains	NMLS
Dimmable	yes
Power [W]	12
Power for white light [W]	12
Colour of light	White
Number of nodes per meter	640
Degree of protection	IP20
Suitable for use	
cutting length [cm]	2.5
Voltage [V]	24
Voltage type	DC
Colour temperature [K]	2700
Colour rendering index CRI	93
Minimal colour rendering index	90
Maximal colour rendering index	94
Colour rendering index R9	59
Energy efficiency class	F
Luminous flux [lm]	1100
Luminous flux - white light [lm]	1100
Beam angle [°]	160
Correspondence beam angle	Sphere 360°
Non-directional or directional light source	Non-directional light source NDLS
Survival factor	0.9
Lumen maintenance factor	0.96
Chromaticity coordinates - x	0.464
Chromaticity coordinates - y	0.418
With Self-adhesive	yes
Equivalent power [W]	77
The energy consumption - white light [kW/1000h]	12
Min. number of switching cycles	70000
Rated life time L70/B50 at 25 °C [h]	70000
Colour-tuneable light source (CTLS)	no
Connected light source (CLS)	no
High-luminance light source (HLLS)	no
Anti-glare shield	no
Operating temperature [°C]	-20 ~ 45
Colour consistency in McAdam ellipses	3