STANPRO

Series Spec Sheet

COB TAPE KIT

EASY DIY

Stanpro's COB TAPE KIT includes all the components required to build a complete tape light system. Designed to eliminate visible LED chips, resulting in a spot and dot free effect to produce a warm and uniform glow. An excellent choice for installation in the most subtle areas illuminating borders, coves, cabinets, and closets. IP65 rated for use in damp or wet environments.

View our full collection of LED strip tapes and extrusion offerings in our [brochure].

FEATURES AND SPECIFICATIONS

- **Construction**

  Physical Characteristics
  – Reel length: 16.4 ft (5 m)
  – 24 V
  – 97 LED/ft, 320 LED/m, 1 600 LED/reel
  – Cuttable every 2" (5 cm)
  – Maximum run length: 16.4 ft (5 m)
  – Included in the kit :
    • 1 Tape light
    • 1 Plug-in driver (36 W)

  Mounting
  – 3M Adhesive backing for easy an installation to smooth surfaces
  – Connectors and mounting accessories available
  – Additional driver can be ordered seperately

- **Performance data**
  – Lumens up to 2 725 per reel
  – Wattage 27.5 W per reel
  – Seamless light emission
  – Estimated lifespan of 50 000 hours to L70
  – Operating temperature:
    -25°C to 60°C / -13°F to 140°F
  – Suitable for wet locations
  – Cannot be directly exposed to water or weather

  Color temperatures available:
  – 3 000 K (Warm white)
  – 4 000 K (Neutral white)

3 yrs warranty

wet *location*

IP 65

UL CERTIFIED   RoHS   FC

OVERVIEW

Light source	LED
Watts/ft (W)	1.7
Lumens per foot (lm/ft)	170, 190
Efficacy (lm/W)	80-90
Color temperature (K)	3 000, 4 000
CRI	90+

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COB TAPE KIT • Rev. 2024-4-10

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QUICK SHIP AND TECHNICAL SPECIFICATION TABLE

TAPE KITS

Order code	Model number	Watts		Volts	Color temp.	Lumen output		Efficacy	Beam angle	Life L70	Dimming	Number of LED chips		Master case qty
		(W)		(V DC)	(K)[1]	(lm)[2]		(lm/W)	(°)	(hrs)[3]	(Yes/No)			
		(per ft.)	(per m.)			(per ft.)	(per m.)					(per ft.)	(per m.)	
REEL 16.4' (5 m)														
69445	COB/TAPE/KIT/16.4'/5.5W/30K/24V/10MM	1.7	5.5	24	3 000K	170	545	80	140	50 000	No	97	320	20
69446	COB/TAPE/KIT/16.4'/5.5W/40K/24V/10MM	1.7	5.5	24	4 000K	190	610	90	140	50 000	No	97	320	20

[1] Typical color temperature range: +/- 5 %.
[2] Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %.
[3] Life hours are derived from IESNA LM-80-08 testing report and projected per IESNA TM-21-11 extrapolations.

INCLUDED IN THE BOX

1 Tape light 16.4' (5m)

1 Plug-in driver

LED DRIVERS (additional drivers can be ordered separately)

Order code	Model number	Type	Watts	Output volts	Input Current	Frequency	IP rating	Master case qty
			(W)	(V DC)	(mA)	(Hz)		
Plug-in - Non-dimmable								
69554	LED/DRIVER/36W/24V/PLUG/ND	Low Voltage	36	24	1 000	50/60	IP20	50

A

B

ACCESSORIES (order separately)

Order code	Model number	Type	FIGURE (refer to pics)	Quantity per pack	Master case qty
69447	TAPE/COB/CONNECTOR	COB Connector	A	10	100
62017	LED/10PCS TAPE LIGHT MOUNTING CLIPS	Mounting clips	B	10	100

Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. All products are subject to change or may be discontinued any time without notice. Please contact your Stanpro customer service representative to confirm inventory levels at time of order.

DIMENSIONS
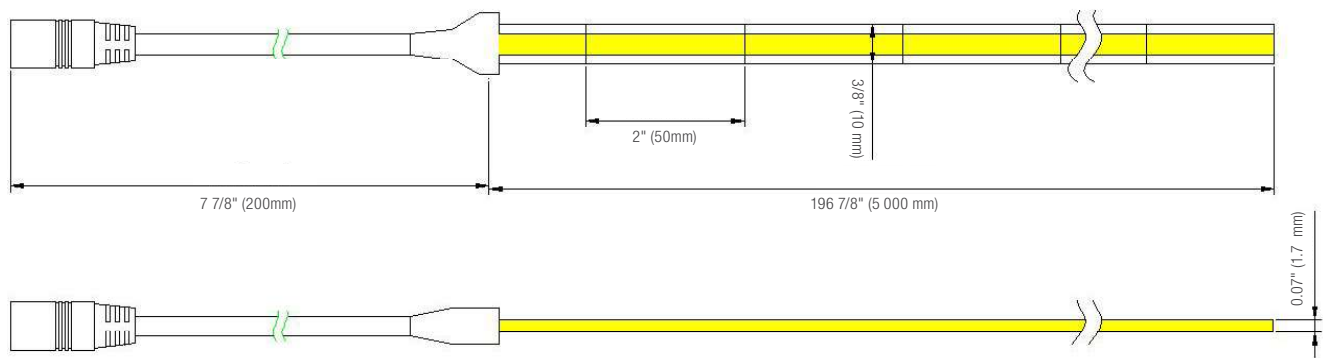
7 7/8" (200mm)

2" (50mm)

3/8" (10 mm)

196 7/8" (5 000 mm)

0.07" (1.7 mm)

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PHOTOMETRIC DATA[1]

69445 • COB-TAPE-KIT-16.4'-5.5W-30K-24V-10MM • 3 000K

Polar candela distribution

- 0° H
- 90° H
- 45° H
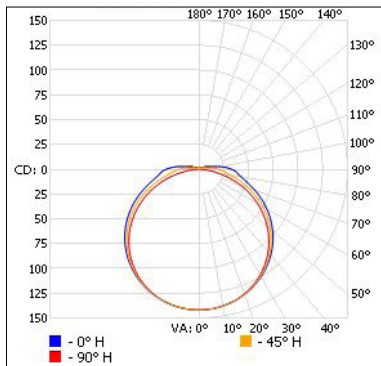
Zonal lumen summary

Zone	Lumens	% Fixture
0-30	112.2	22.5
0-40	186.1	37.3
0-60	340.6	68.3
60-90	132.1	26.5
70-100	84.5	16.9
90-120	22.8	4.6
0-90	472.7	94.8
90-180	26.1	5.2
0-180	498.7	100

Illuminance at a distance

	Center beam fc	Beam width	
2.0'	35.5	8.2'	6.6'
4.0'	8.9	16.5'	13.1'
6.0'	3.9	24.7'	19.7'
8.0'	2.2	32.9'	26.3'
10.0'	1.4	41.2'	32.8'

Vert. spread : 128.2°
Horiz. spread : 117.3°

69446 • COB-TAPE-KIT-16.4'-5.5W-40K-24V-10MM • 4 000K

Polar candela distribution

- Max Cd: 75° H
- 0° H
- 90° H
- 45° H
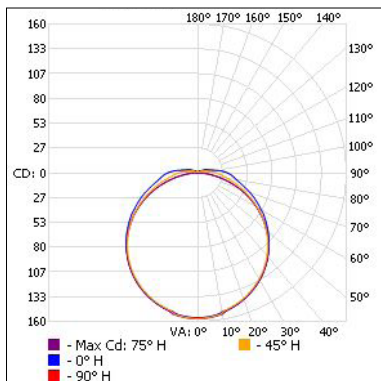
Zonal lumen summary

Zone	Lumens	% Fixture
0-30	121.2	23.2
0-40	199.7	38.3
0-60	360.2	69
60-90	132.4	25.4
70-100	84.3	16.2
90-120	24.9	4.8
0-90	492.5	94.4
90-180	29.3	5.6
0-180	521.8	100

Illuminance at a distance

	Center beam fc	Beam width	
2.0'	39.2	7.0'	6.4'
4.0'	9.8	13.9'	12.8'
6.0'	4.4	20.9'	19.2'
8.0'	2.5	27.8'	25.6'
10.0'	1.6	34.8'	32.0'

Vert. spread : 120.2°
Horiz. spread : 116.0°

[1] Complete IES files available on our website.

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