ANNO TAPE SV TW

Indoor · Tunable White

Features

- 0.16in. ultra-slim COB tape, tunable white from 2700K to 5000K
- IP20 rated, ideal for indoor uses
- 5 years warranty

Applications

Under cabinets, coves, shelves, bedrooms, niches, closets, etc.

Date

Fixture type

Project name

Project phase



Dimensions



Order Code (For LED tape)

Series	Environment	Voltage	Temp./Color	Power
ANNOS	**D2-**Dry (IP20)	**24-**DC24V	**2750-**2700K+5000K	**160-**16W/M

Assembly Builder

Left Feed Entry			
F	Front	**OW**	Open wire 15cm (5.9in.), 20 AWG
C	Closed	**MC**	Male connector with 20cm (0.66ft) cable, 20 AWG
		FC	Female connector with 20cm (0.66ft) cable, 20 AWG
		NA	Only for Closed Feed Entry

Assembly Builder

Right Feed Entry				Illuminated Length[1]	
F	Front	**OW**	Open wire 15cm (5.9in.), 20 AWG	**Max.**	5m (16.4ft)
C	Closed	**MC**	Male connector with 20cm (0.66ft)cable, 20 AWG		
		FC	Female connector with 20cm (0.66ft)cable, 20 AWG	**Increment**	50mm (1.97in.)
		NA	Only for Closed Feed Entry		
		OW	Open wire 15cm (3.28ft), 20 AWG		

Lumen Output (lm/m)

Temp./Color	16W/M
2700K	280
5000K	384
2700K+5000K	755
Max. Run Length (M)	5

Technical Details	
Width	10mm (0.39in.)
LED Quantity	640 LEDs/M (195 LEDs/ft)
Beam Angle	180°
Efficacy	47.2lm/W @2700K+5000K 16W
CRI	Ra≥90
LED MacAdam	3 steps
Average Life (L70)	> 50,000 hours
Max. Length Per Reel	50m (164ft)
Storage Temperature	0~60℃
Ambient Temperature	-20~45℃

Feed Entry Options

F: Front



C: Closed

Connector Wire Options



OW: Open wire, **Dry only** Standard 15cm (5.9in.), 20 AWG (wire length made to order)



MC: Male connector, **Dry & Damp**. Standard 20cm (0.66ft), 20 AWG



FC: Female connector, **Dry & Damp**, Standard 20cm (0.66ft), 20 AWG

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Connectors & Additional Accessories (Optional, purchase for extra)



MCB-DC-44
Male DC connector with 20cm (0.66ft) cable, IP44, Dry & damp, 20 AWG



FCB-DC-44
Female DC connector with 20cm (0.66ft) cable, IP44, Dry & damp, 20 AWG



VHB
VHB 3M adhesive back tape, stronger stickiness

Drivers

Non-dimmable

Code	Max Load	Input	Output	Environment	Size (L x W x H)
XLG-150-24-A	150W	100-305VAC	24V	Dry/Damp/IP67	180 * 63 * 35.5 mm
LPV-150-24	150W	180-305VAC		Dry/Damp/IP67	148 * 40 * 30 mm
LRS-150-24	150W	85-132VAC / 170-264VAC		Dry	99 * 97 * 30 mm

Dimmable

Code	Max Load	Input	Output	Environment	Size (L x W x H)
LM-100-24-G2A2	100W	220-240VAC	24V	Dry	293 *43 *30mm
ELG-150-24DA-3Y	150W	100-305VAC	24V	Dry/Damp/IP67	219 * 63 * 35.5 mm

DALI-dimmable

Code	Max Load	Input	Output	Environment	Size (L x W x H)
ELG-150-24DA-3Y	150W	100-305VAC	24V	Dry/Damp/IP67	219 * 63 * 35.5 mm
LM-100-24-G2D2	100w	220-240VAC	24V	Dry	293 *43 *30mm

Contrillers Options

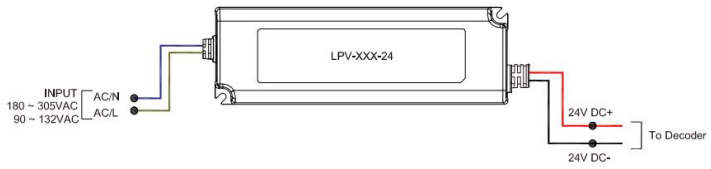
Type	Code	Description	Environment	Size (L *W *H)
Controllers	M2+M3-3A	3 channels output, Max. 3A current per channel, up to 216W output power	Indoor	135 * 30 * 20 mm

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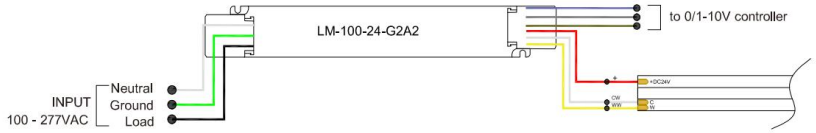
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Wiring Diagram

Non-dimmable



Dimmable



DALI-dimmable



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24V Voltage Drop & Maximum Wire Length Chart

Based on 24V voltage with a 3% voltage drop allowance. Indicates the maximum wire length from the power supply to the start of the run.

Total load	10 AWG	12 AWG	14 AWG	16 AWG	18 AWG	20 AWG	22 AWG
5W / 0.2A	527.3 m	238.9 m	121.0 m	80.2 m	53.3 m	39.9 m	32.6 m
10W / 0.4A	263.6 m	119.4 m	60.7 m	40.2 m	26.8 m	20.1 m	16.5 m
15W / 0.6A	175.9 m	79.6 m	40.2 m	26.8 m	17.7 m	13.4 m	11.0 m
20W / 0.8A	132.0 m	59.7 m	30.2 m	20.1 m	13.4 m	10.1 m	8.2 m
25W / 1.0A	105.5 m	47.9 m	24.1 m	16.2 m	10.7 m	7.9 m	6.7 m
30W / 1.3A	88.1 m	39.9 m	20.1 m	13.4 m	8.8 m	6.7 m	5.5 m
35W / 1.5A	75.6 m	34.1 m	17.4 m	11.6 m	7.6 m	5.8 m	4.6 m
40W / 1.7A	66.1 m	29.9 m	15.2 m	10.1 m	6.7 m	4.9 m	4.0 m
45W / 1.9A	58.5 m	26.5 m	13.4 m	8.8 m	5.8 m	4.3 m	3.7 m
50W / 2.1A	52.7 m	23.8 m	12.2 m	7.9 m	5.5 m	4.0 m	3.4 m
55W / 2.3A	47.9 m	21.6 m	11.0 m	7.3 m	4.9 m	3.7 m	3.0 m
60W / 2.5A	43.9 m	19.8 m	10.1 m	6.7 m	4.6 m	3.4 m	2.7 m
65W / 2.7A	40.5 m	18.3 m	9.1 m	6.1 m	4.3 m	3.0 m	2.4 m
70W / 2.9A	37.8 m	17.1 m	8.5 m	5.8 m	4.0 m	3.0 m	2.4 m
75W / 3.1A	35.4 m	15.9 m	7.9 m	5.2 m	3.7 m	2.7 m	2.1 m
80W / 3.3A	33.2 m	14.9 m	7.6 m	4.9 m	3.4 m	2.4 m	2.1 m
85W / 3.5A	31.4 m	14.0 m	7.0 m	4.6 m	3.0 m	2.4 m	1.8 m
90W / 3.8A	29.6 m	13.4 m	6.7 m	4.6 m	3.0 m	2.1 m	1.8 m
96W / 4.0A	27.7 m	12.5 m	6.4 m	4.3 m	2.7 m	2.1 m	1.8 m