

Features

- High-density diode-free COB tape, tunable white from 2700K to 6500K
- IP20 rated, ideal for indoor non-condensing uses
- 5 years warranty

Applications

Under cabinets, coves, shelves, bedrooms, offices, hallways, etc.



RoHS

ONE BIN



24V DC

Dimensions



Order Code (For LED tape)

Series	Environment	Voltage	CCT	Power
ANNO	D2-Dry (IP20)	24V-DC24V	27K65K-2700K+6500	4.6-4.57W/ft

Assembly Builder

Left Feed Entry			
F	Front	OW	Open wire 3.28ft (1m), 20 AWG
C	Closed	MC	Male connector with 0.98ft (30cm) cable, 20 AWG
		FC	Female connector with 0.98ft (30cm) cable, 20 AWG
		NA	Only for Closed Feed Entry

Assembly Builder

Right Feed Entry			Length	
F	Front	OW	Open wire 3.28ft (1m), 20 AWG	Max. 16.4ft (5m)
C	Closed	MC	Male connector with 0.98ft (30cm) cable, 20 AWG	Increment 1.09in. (27.8mm)
		FC	Female connector with 0.98ft (30cm) cable, 20 AWG	
		NA	Only for Closed Feed Entry	

*For customizations, please inquire..

Extrusion Order Code

Product Code	Colors	Lens	Lengths
Please select on the Extrusion Compatibility page			
	S = Silver anodized	OP - Opal	3.28ft (1m)
	W = White lacquered	FR - Frosted	6.56ft (2m)
	B = Black anodized	CL - Clear	

*For custom RAL colors, please inquire.

*Extrusions are sold separately. Refer to corresponding spec sheets for ordering info on extrusions and their accessories (endcaps, mounting brackets, etc.)

Lumen Output (lm/ft)

CCT	4.57W/ft
2700K	196
6500K	248
2700K+6500K	428
Max. Run for Class 2	16.4ft (5m)
Max. Run Supported Length	16.4ft (5m)

*Typically installations in USA and Canada comply with Class 2 requirements.

Technical Details

Width	0.39in. (10mm)
LED Quantity	175 LEDs/ft (576 LEDs/M)
Beam Angle	180°
Efficacy	93.7lm/W @2700K+6500K 4.57W
CRI	Ra≥90
LED MacAdam	3 steps
Average Life (L70)	> 54,000 hours
Max. Length Per Reel	98.4' (30M)
Storage Temperature	-13~140°F (-25°C~60°C)
Ambient Temperature	-13~113°F (-25°C~45°C)

Feed Entry Options

F: Front

C: Closed



Connector Wire Options



OW: Open wire, **Dry only**
Standard 3.28ft (1m), 20 AWG
(wire length made to order)

MC: Male connector, **Dry & Damp**, Standard 0.98ft (30cm), 20 AWG

FC: Female connector, **Dry & Damp**, Standard 0.98ft (30cm), 20 AWG

Channel Compatibility

* Non-standard option, please contact us for customization support.

Lens Type & Light Transmission

CL Clear FR Frosted OP Opal

Surface			
BE1202	BE1302	BE1415	BE1919
CL 52% FR 47% OP 39%	CL 72% FR 65% OP 53%	CL 44% FR 40% OP 33%	CL 66% FR 60% OP 49%
BE2020	BE2601		
CL 66% FR 60% OP 49%	CL 71% FR 65% OP 53%		
Mud-In			
BE5615	BE7615		
CL 48% FR 44% OP 36%	CL 59% FR 54% OP 44%		

Recessed			
BE1201	BE1207	BE2015	BE5035
CL 50% FR 46% OP 38%	CL 51% FR 47% OP 38%	CL 46% FR 42% OP 34%	CL 43% FR 39% OP 32%
BE6575			
CL 54% FR 49% OP 40%			
Corner			
BE1001	BE1002	BE1101	
CL 76% FR 70% OP 57%	CL 76% FR 70% OP 57%	CL 47% FR 43% OP 35%	
Suspended			
BE3535	BE5075	BE60	
CL 46% FR 42% OP 34%	CL 54% FR 49% OP 40%	CL 80% FR 73% OP 59%	

Specialty			
BE1806 Bendable surface mounted CL 78% FR 71% OP 58%	BE2009 Coves CL 47% FR 43% OP 35%	BE4615 Borderless Inside Corner CL 50% FR 46% OP 38%	BE5315 Borderless Outside Corner CL 47% FR 43% OP 35%
BE6728 Staircase CL 45% FR 41% OP 33%	BE7030 Cove Recessed Borderless OP 49%	BE8833 Cove Recessed / Double-Layer Borderless CL 50% FR 46% OP 38%	

Connectors & Additional Accessories (Optional, purchase for extra)

N6012-STCN-2P-10 Strip to cable connector without wire, for 0.39in. (10mm) tape, 2 pin, IP20	N6012-STC-2P-10 Strip to cable connector with 5.91in. (15cm) wire, for 0.39in. (10mm) tape, 2 pin, IP20	N6012-STSJ-2P-10 Strip to strip jumper connector with 5.91in. (15cm) wire, for 0.39in. (10mm) tape, 2 pin, IP20	N6012-STDCB-2P-10 Strip to cable with black male & female connector, for 0.39in. (10mm) tape, 2 pin, IP20	N6012-STDCW-2P-10 Strip to cable with white male & female connector, for 0.39in. (10mm) tape, 2 pin, IP20
N6012-ST5-2P-10 Strip to strip connector, for 0.39in. (10mm) tape, 2 pin, IP20	C6012-LC-2P-10 L-shaped corner connector, for 0.39in. (10mm) tape, 2 pin, IP20	C6012-RC-2P-10 R-shaped corner connector, for 0.39in. (10mm) tape, 2 pin, IP20	MCB-DC-44 Male DC connector with 0.66ft (20cm) cable, IP44, Dry & damp, 20 AWG	FCB-DC-44 Female DC connector with 0.66ft (20cm) cable, IP44, Dry & damp, 20 AWG

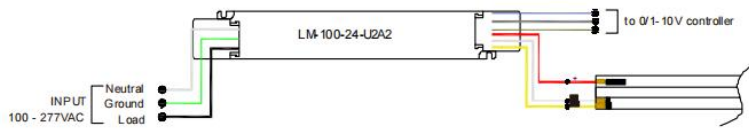
Drivers

0-10V dimmable

Code	Max Load	Input	Output	Class 2	With Junction Box	Environment	Size (L x W x H)
LM-100-24-U2A2	100W	100-277VAC	24V	Yes	No	Dry	13.86 x 1.69 x 1.18in. (35.2x 4.3 x 3cm)

Wiring Diagram

0-10V-dimmable



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	8AWG	10AWG	12AWG	14AWG	16AWG	18AWG	20AWG	22AWG
10W / 0.4A	1588ft (484.0m)	999ft (304.5m)	628ft (191.4m)	395ft (120.4m)	248ft (75.5m)	156ft (47.5m)	98ft (29.8m)	61ft (18.5m)
20W / 0.8A	794ft (242.0m)	499ft (152.1m)	314ft (95.7m)	197ft (60.0m)	124ft (37.8m)	78ft (23.7m)	49ft (14.9m)	30ft (9.1m)
30W / 1.3A	529ft (161.2m)	333ft (101.5m)	209ft (63.7m)	131ft (39.9m)	82ft (24.9m)	52ft (15.8m)	32ft (9.7m)	20ft (6.1m)
40W / 1.7A	397ft (121.0m)	249ft (75.9m)	157ft (47.8m)	98ft (29.8m)	62ft (18.9m)	39ft (11.8m)	24ft (7.3m)	15ft (4.5m)
50W / 2.1A	317ft (96.6m)	199ft (60.6m)	125ft (38.1m)	79ft (24.0m)	49ft (14.9m)	31ft (9.4m)	19ft (5.7m)	12ft (3.6m)
60W / 2.5A	264ft (80.4m)	166ft (50.6m)	104ft (31.7m)	65ft (19.8m)	41ft (12.5m)	26ft (7.9m)	16ft (4.8m)	10ft (3.0m)
70W / 2.9A	226ft (68.8m)	142ft (43.2m)	89ft (27.1m)	56ft (17.0m)	35ft (10.6m)	22ft (6.7m)	14ft (4.2m)	8ft (2.4m)
80W / 3.3A	198ft (60.3m)	124ft (37.8m)	78ft (23.7m)	49ft (14.9m)	31ft (9.4m)	19ft (5.7m)	12ft (3.6m)	7ft (2.1m)
90W / 3.8A	176ft (53.6m)	111ft (33.8m)	69ft (21.0m)	43ft (13.1m)	27ft (8.2m)	17ft (5.1m)	10ft (3.0m)	6ft (1.8m)
100W / 4.2A	158ft (48.1m)	99ft (30.1m)	62ft (18.9m)	39ft (11.8m)	24ft (7.3m)	15ft (4.5m)	9ft (2.7m)	6ft (1.8m)
110W / 4.6A	144ft (43.8m)	90ft (27.4m)	57ft (17.3m)	35ft (10.6m)	22ft (6.7m)	14ft (4.2m)	9ft (2.7m)	5ft (1.5m)
120W / 5.0A	132ft (40.2m)	83ft (25.3m)	52ft (15.8m)	32ft (9.7m)	20ft (6.1m)	13ft (3.9m)	8ft (2.4m)	5ft (1.5m)
130W / 5.4A	122ft (37.1m)	76ft (23.1m)	48ft (14.6m)	30ft (9.1m)	19ft (5.7m)	12ft (3.6m)	7ft (2.1m)	4ft (1.2m)
140W / 5.8A	113ft (34.4m)	71ft (21.6m)	44ft (13.4m)	28ft (8.5m)	17ft (5.1m)	11ft (3.3m)	7ft (2.1m)	4ft (1.2m)
150W / 6.3A	105ft (32.0m)	66ft (20.1m)	41ft (12.5m)	26ft (7.9m)	16ft (4.8m)	10ft (3.0m)	6ft (1.8m)	4ft (1.2m)
160W / 6.7A	99ft (30.1m)	62ft (18.9m)	39ft (11.8m)	24ft (7.3m)	15ft (4.5m)	9ft (2.7m)	6ft (1.8m)	3ft (0.9m)
170W / 7.1A	93ft (28.3m)	58ft (17.6m)	36ft (10.9m)	23ft (7.0m)	14ft (4.2m)	9ft (2.7m)	5ft (1.5m)	3ft (0.9m)
180W / 7.5A	88ft (26.8m)	55ft (16.7m)	34ft (10.3m)	22ft (6.7m)	13ft (3.9m)	8ft (2.4m)	5ft (1.5m)	3ft (0.9m)
190W / 7.9A	83ft (25.3m)	52ft (15.8m)	33ft (10.0m)	20ft (6.0m)	13ft (3.9m)	8ft (2.4m)	5ft (1.5m)	3ft (0.9m)
200W / 8.3A	79ft (24.0m)	49ft (14.9m)	31ft (9.4m)	19ft (5.7m)	12ft (3.6m)	7ft (2.1m)	4ft (1.2m)	3ft (0.9m)
210W / 8.8A	75ft (22.8m)	47ft (14.3m)	29ft (8.8m)	18ft (5.4m)	11ft (3.3m)	7ft (2.1m)	4ft (1.2m)	2ft (0.6m)
220W / 9.2A	72ft (21.9m)	45ft (13.7m)	28ft (8.5m)	18ft (5.4m)	11ft (3.3m)	7ft (2.1m)	4ft (1.2m)	2ft (0.6m)
230W / 9.6A	69ft (21.0m)	43ft (13.1m)	27ft (8.2m)	17ft (5.1m)	10ft (3.0m)	6ft (1.8m)	4ft (1.2m)	2ft (0.6m)

Beamever

ANNO TAPE TW

Indoor · Tunable White

Designer's Custom Playground

240W / 10.0A	66ft (20.1m)	41ft (12.5m)	26ft (7.9m)	16ft (4.8m)	10ft (3.0m)	6ft (1.8m)	4ft (1.2m)	2ft (0.6m)
250W / 10.4A	63ft (19.2m)	40ft (12.1m)	25ft (7.6m)	15ft (4.5m)	9ft (2.7m)	6ft (1.8m)	3ft (0.9m)	2ft (0.6m)