

AERO TAPE HD TW Indoor · Tunable White

Features

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

Applications

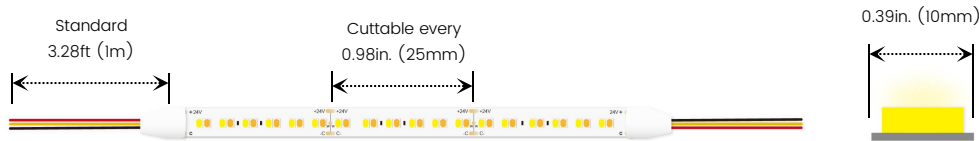
Under cabinets, coves, shelves, bedrooms, offices, hallways, etc.



Date	Fixture type
Project name	Project phase



Dimensions



Order Code (For LED tape)

Series	Environment	Voltage	CCT	Power
AEROHD	D2-Dry (IP20)	24V-DC24V	27K65K-2700K+6500k	7.3-7.32W/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	Increment 0.98in. (25mm)
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	

*For customizations, please inquire.

Extrusion Order Code

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

*For custom RAL colors, please inquire.

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

Lumen Output (lm/ft)

CCT	7.32W/ft
2700K	323
6500K	348
2700K+6500K	640
Max. Run for Class 2*	10.9ft (3.3m)
Max. Run Supported Length	16.4ft (5m)

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

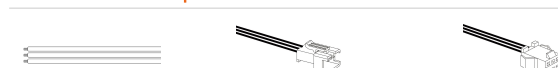
Technical Details

Width	0.39in. (10mm)
LED Quantity	72 LEDs/ft (240LEDs/M)
Beam Angle	120°
Efficacy	87.4lm/W @2700K+6500K 7.32W
CRI	Ra ≥ 90
LED MacAdam	3 steps
Average Life (L70)	> 54,000 hours
Max. Length Per Reel	164ft (50m)
Storage Temperature	-13-140°F (-25°C- 60°C)
Ambient Temperature	-13-113°F (-25°C- 45°C)

Feed Entry Options



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 0.66ft (20cm), 20 AWG

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

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Channel Compatibility

Lens Type & Light Transmission

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

CL Clear

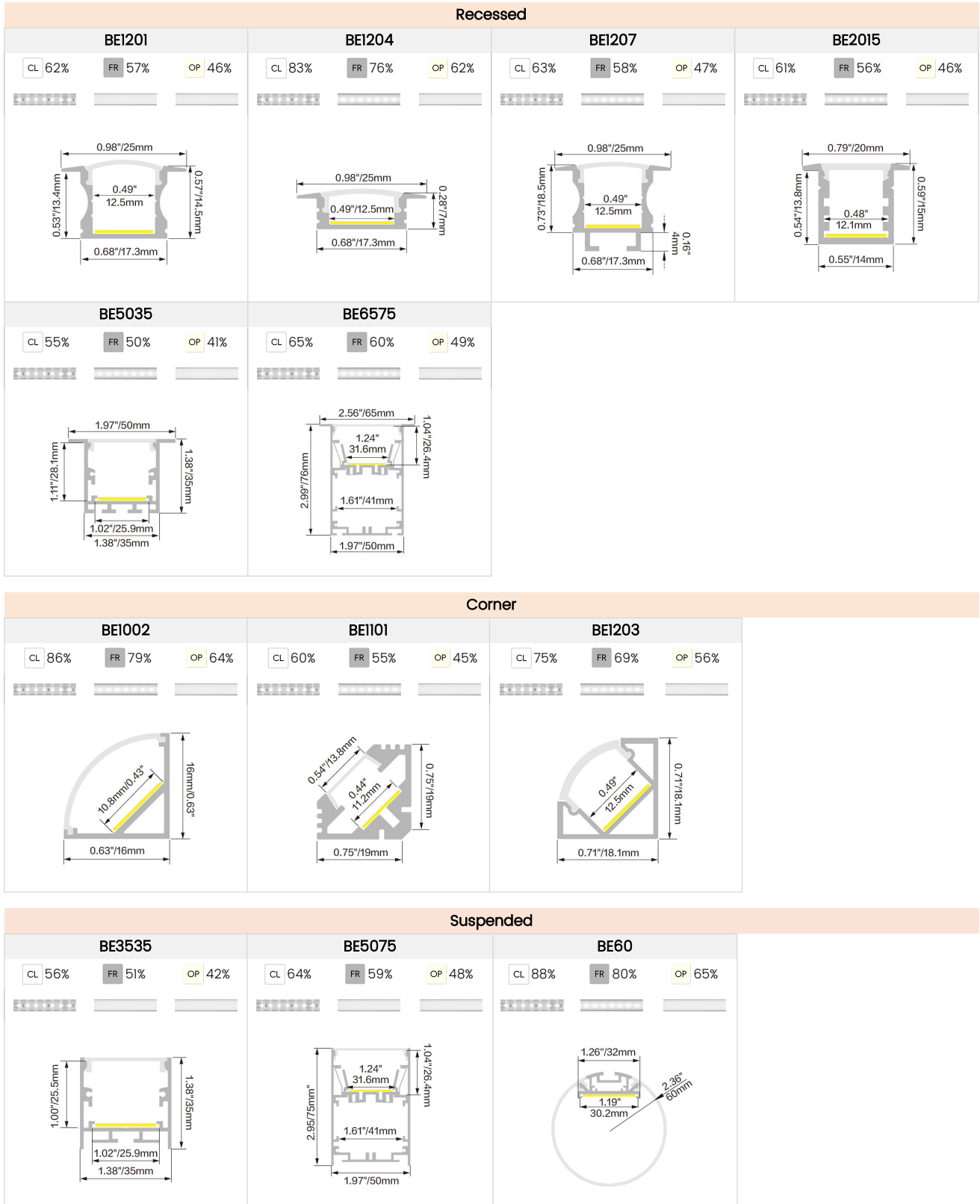
FR Frosted

OP Opal

Surface			
<p>BE1202</p> <p>CL 62% FR 51% OP 47%</p>	<p>BE1205</p> <p>CL 84% FR 77% OP 63%</p>	<p>BE1206</p> <p>CL 79% FR 72% OP 59%</p>	<p>BE1302</p> <p>CL 84% FR 77% OP 63%</p>
<p>BE1303</p> <p>CL 67% FR 61% OP 50%</p>	<p>BE1415</p> <p>CL 55% FR 51% OP 41%</p>	<p>BE1919</p> <p>CL 77% FR 70% OP 58%</p>	<p>BE2020</p> <p>CL 79% FR 72% OP 59%</p>

Mud-In	
<p>BE5615</p> <p>CL 61% FR 56% OP 45%</p>	<p>BE7615</p> <p>CL 72% FR 66% OP 54%</p>

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Specialty			
<p>BE1402 Wall lighting</p> <p>CL 73% FR 67% OP 55%</p>	<p>BE1403 Wall lighting</p> <p>CL 77% FR 70% OP 57%</p>	<p>BE1806 Bendable surface mounted</p> <p>CL 90% FR 82% OP 67%</p>	<p>BE2009 Coves</p> <p>CL 57% FR 52% OP 43%</p>
<p>BE3511 Borderless Bi-Color Panel</p> <p>CL 68% FR 62% OP 51%</p>	<p>BE4615 Borderless Inside Corner</p> <p>CL 60% FR 55% OP 45%</p>	<p>BE5315 Borderless Outside Corner</p> <p>CL 61% FR 55% OP 45%</p>	<p>BE6728 Staircase</p> <p>CL 55% FR 50% OP 41%</p>
<p>BE6916 Recessed</p> <p>CL 46% FR 42% OP 34%</p>	<p>BE7030 Cove Recessed Borderless</p> <p>OP 61%</p>	<p>BE8833 Cove Recessed / Double-Layer Borderless</p> <p>CL 59% FR 54% OP 44%</p>	<p>BE12017 Toekick</p> <p>CL 49% FR 45% OP 37%</p>
<p>BE13350 Coves</p> <p>CL 44% FR 40% OP 33%</p>			

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Connectors & Additional Accessories (Optional, purchase for extra)



N6012-STCN-3P-10

Strip to cable connector without wire, for 0.39in. (10mm) tape, 3 pin, IP20

N6012-STC-3P-10

Strip to cable connector with 5.9lin. (15cm) wire, for 0.39in. (10mm) tape, 3 pin, IP20

N6012-STSJ-3P-10

Strip to strip jumper connector with 5.9lin. (15cm) wire, for 0.39in. (10mm) tape, 3 pin, IP20

N6012-STMKB-3P-10

Strip to cable with black male & female connector, for 0.39in. (10mm) tape, 3 pin, IP20

N6012-STMKW-3P-10

Strip to cable with white male & female connector, for 0.39in. (10mm) tape, 3 pin, IP20



N6012-STS-3P-10

Strip to strip connector, for 0.39in. (10mm) tape, 3 pin, IP20

C6012-LC-3P-10

L-shaped corner connector, for 0.39in. (10mm) tape, 3 pin, IP20

C6012-RC-3P-10

R-shaped corner connector, for 0.39in. (10mm) tape, 3 pin, IP20

MC-3P-20

Male connector with 0.98ft(30cm) cable, 2 pin, IP20, Dry, 20 AWG

FC-3P-20

Female connector with 0.98ft(30cm) cable, 2 pin, IP67, Dry, 20 AWG

Drivers

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	No	No	Dry	13.86x1.69x1.18in. (35.2x4.3x3cm)

Wiring Diagram

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	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)
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)