



Descriptions

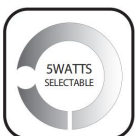
DB77E series is a LED pendant light with both direct and indirect lighting, which is designed for commercial and residential lighting interiors, available in lengths 2ft, 4ft & 8ft and can be continuous seamless runs to any length. The fixture also offers either 5 wattages and 5CCT adjustable or individual 3 CCT switch for both up and down light that controlled separately.

Application

- Commercial area
- Residential area
- Convention center
- Office
- Lobby
- Hospitality
- Showroom
- Hotel

Certificate

- UL



Architectural LED Linear Light - DB77E

Key Features

- Working voltage AC120-277V and AC120-347V for options.
- The buckle bracket splice makes a gapless linkable and easy connection without any tools.
- Up & Down lighting distribution switchable, down only, Up only, or both Down & Up lights.
- Control CCT of downlight and uplight individually or both. 3CCT selectable or 5CCT selectable for options.
- Single wattage and 5 wattage selectable for options.
- Unique end cap simplifies installation, seamless continuous runs, or individuals.
- Pendant mounting, surface mounting, and wall mounting standard.
- White, black, and silver finish for options.
- Sensor and emergency battery backup are available.

CCT Switchable
3500/4000/5000K

Uplight

Downlight

Adjustable Light
Distribution

- ① UP: 100% & DOWN: 0%
- ② UP: 70% & DOWN: 30%
- ③ UP: 50% & DOWN: 50%
- ④ UP: 30% & DOWN: 70%
- ⑤ UP: 0% & DOWN: 100%

3CCT + 5 lighting distribution: 2FT & 4FT

CCT Switchable
3500/4000/5000K

Uplight

Downlight

Adjustable Light
Distribution

- ① UP: 100% & DOWN: 0%
- ② UP: 70% & DOWN: 30%
- ③ UP: 50% & DOWN: 50%
- ④ UP: 30% & DOWN: 70%
- ⑤ UP: 0% & DOWN: 100%

3CCT + 5 lighting distribution: 8FT

CCT Switchable
3000/3500/4000/5000/6500K

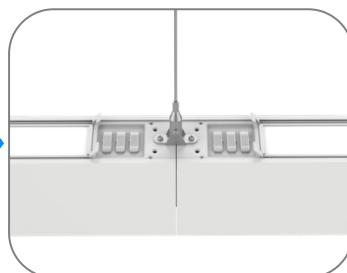
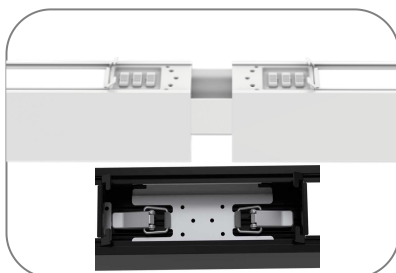
Wattage Switchable
4FT: 25/30/35/40/50W
8FT: 24/40/50/60/80W

Adjustable Light Distribution

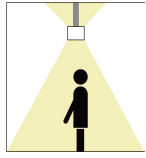
- ① UP: 100% & DOWN: 0%
- ② UP: 70% & DOWN: 30%
- ③ UP: 50% & DOWN: 50%
- ④ UP: 30% & DOWN: 70%
- ⑤ UP: 0% & DOWN: 100%

5Watt + 5CCT + 5 lighting distribution: 4FT & 8FT

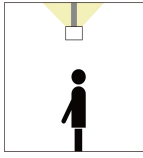
The buckle bracket splice makes a gapless linkable and easy connection without any tools.



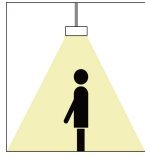
Architectural LED Linear Light- DB77E



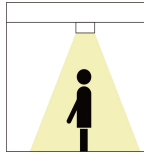
Pendent



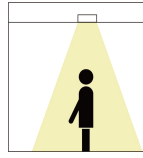
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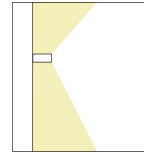
Pendent



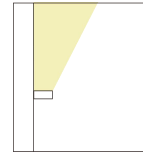
Surface



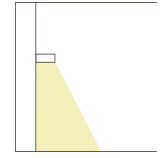
Recessed



Wall Mount



Wall Mount



Wall Mount

Performance Summary

Model	Light Distribution	Size	Total Watts	UP	UP Watts	DOWN	DOWN Watts	CCT	Efficacy (LM/W)	Voltage	DIM	CIR	Beam Angle						
DB77E-2-24W	100% Down Lighting	2FT	24W	0%	0W	100%	24W	Single CCT 2700K-6500K	125lm/W	AC120-277V AC120-347V	0-10V	80	110°						
DB77E-4-36W		4FT	36W	0%	0W	100%	36W												
DB77E-4-50W		4FT	50W	0%	0W	100%	50W												
DB77E-8-72W		8FT	72W	0%	0W	100%	72W												
DB77E-8-100W		8FT	100W	0%	0W	100%	100W												
DB77E-2-24W	30% Up & 70% Down	2FT	24W	30%	7W	70%	17W												
DB77E-4-36W		4FT	36W	30%	10W	70%	26W												
DB77E-4-50W		4FT	50W	30%	15W	70%	35W												
DB77E-8-72W		8FT	72W	30%	22W	70%	50W												
DB77E-8-100W		8FT	100W	30%	30W	70%	70W												
DB77E-2-24W-A5C3	Adjustable Up & Down Lighting UP: 100% & DOWN: 0% UP: 70% & DOWN: 30% UP: 50% & DOWN: 50% UP: 30% & DOWN: 70% UP: 0% & DOWN: 100%	2FT	24W	100%	24W	0%	0W	UP CCT switch: 3500K 4000K 5000K Selectable	125lm/W	AC120-277V AC120-347V	0-10V	80	110°						
				70%	17W	30%	7W												
				50%	12W	50%	12W												
				30%	7W	70%	17W												
				0%	0W	100%	24W												
DB77E-4-36W-A5C3		4FT	36W	100%	36W	0%	0W							Down CCT switch: 3500K 4000K 5000K Selectable					
				70%	26W	30%	10W												
				50%	18W	50%	18W												
				30%	10W	70%	26W												
				0%	0W	100%	36W												
DB77E-4-50W-A5C3		4FT	50W	100%	50W	0%	0W												
				70%	35W	30%	15W												
				50%	25W	50%	25W												
				30%	15W	70%	35W												
				0%	0W	100%	50W												
DB77E-8-72W-A5C3	Adjustable Up & Down Lighting UP: 100% & DOWN: 0% UP: 70% & DOWN: 30% UP: 50% & DOWN: 50% UP: 30% & DOWN: 70% UP: 0% & DOWN: 100%	8FT	72W	100%	72W	0%	0W	UP CCT switch: 3500K 4000K 5000K Selectable	125lm/W	AC120-277V AC120-347V	0-10V	80	110°						
				70%	50W	30%	22W												
				50%	36W	50%	36W												
				30%	22W	70%	50W												
				0%	0W	100%	72W												
DB77E-8-100W-A5C3		8FT	100W	100%	100W	0%	0W							Down CCT switch: 3500K 4000K 5000K Selectable					
				70%	70W	30%	30W												
				50%	50W	50%	50W												
				30%	30W	70%	70W												
				0%	0W	100%	100W												
DB77E-4-50W-A5W5C5	Adjustable Up & Down Lighting UP: 100% & DOWN: 0% UP: 70% & DOWN: 30% UP: 50% & DOWN: 50% UP: 30% & DOWN: 70% UP: 0% & DOWN: 100%	4FT	25/30/35/40/50W Selectable	100%	50W	0%	0W	UP & Down CCT switch: 3000K 3500K 4000K 5000K 6500K Selectable							125lm/W	AC120-277V	0-10V	80	110°
				70%	35W	30%	15W												
				50%	25W	50%	25W												
				30%	15W	70%	35W												
				0%	0W	100%	50W												
DB77E-8-80W-A5W5C5		8FT	24/40/50/60/80W Selectable	100%	80W	0%	0W												
				70%	56W	30%	24W												
				50%	40W	50%	40W												
				30%	24W	70%	56W												
				0%	0W	100%	80W												

Remarks: 1. All above efficacy and lumens are subject to CRI>80 @4000K white, please check IES files for accurate data.

2. DB77E-8-80W-A5W5C5, A5 denotes 5 adjustable Lighting Distribution; W5 denotes 5 wattage selectable; C5 denotes 5 CCT selectable.

3. CCT & Power Selectable models ship preset at the highest CCT and the highest wattage.

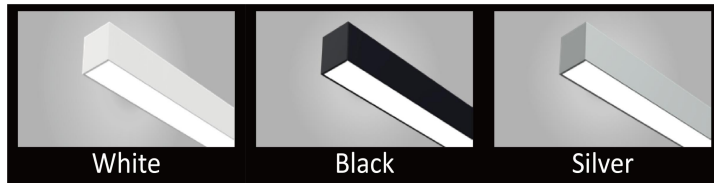
Architectural LED Linear Light - DB77E

Performance

- LED Type:SMD2835
- THD: <20%
- Power Factor: ≥0.90
- Frequency: 50/60Hz
- IP Rating: IP20
- Life Time: >50,000Hrs
- Warranty: 5 years
- Dimmable: 0-10V Dimming
- Surge Protection: L-N :2.5KV; L&N-PE:2.5KV
- Operating Temp.: -4°F to 113°F (-20°C to +45°C)

Construction

- Lens: Polycarbonate frosted
- Housing: Aluminum 6063
- Finish: White(Standard),
Black(Standard),
Silver(Customized)



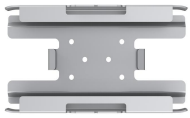
Mounting

- Pendant mounting
- Surface mounting
- Wall mounting
- Linkable mounting

Continuous Mount Quantities

2FT-24W: 28PCS max
4FT-36W: 20PCS max
4FT-50W: 15PCS max
8FT-72W: 10PCS max
8FT-100W: 7PCS max

Accessories (Sold separately)



Straight Connector



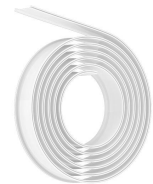
L Connector



T Connector



+ Connector



Cutttable Flexible Cover



Round Canopy &
Power Cable



Square Canopy &
Power Cable



Microwave Motion
Sensor (Merrytek)



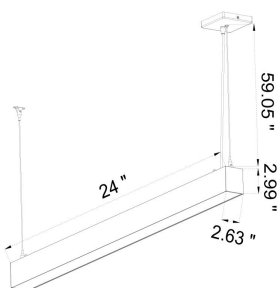
EM Driver
(Helpower 4W for 2FT & 4FT)



EM Driver
(Helpower 8W for 8FT)

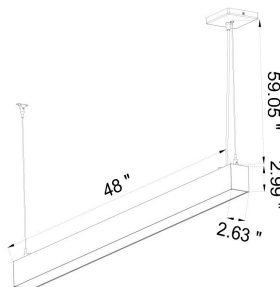
Product Dimension

(unit: mm & inch)



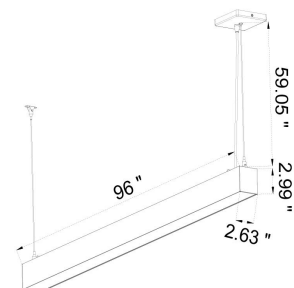
2FT

2FT: L x W x H
24" x 2.63" x 2.99"
(609.6x66.8x75.95mm)



4FT

4FT: L x W x H
48" x 2.63" x 2.99"
(1219.2x66.8x75.95mm)



8FT

8FT: L x W x H
96" x 2.63" x 2.99"
(2438.4x66.8x75.95mm)

Packing Info.

Model Size	Product Weight (kg)		Package Weight (kg)		Carton Size (MM)	QTY/CTN (PCS)	20GP (PCS)	40HQ (PCS)
	N.W/PCS	G.W/PCS	N.W/CTN	G.W./CTN				
2FT (Pendant)	1.75	2.1	10.5	13.7	725*260*440	6	1818	4422
4FT (Pendant)	2.75	3.25	16.5	21.2	1335*260*440	6	990	2400
8FT (Pendant)	5	5.9	10	13.7	2548*288*150	2	456	1110
2FT (Surface/Wall Mounted)	1.4	1.75	8.4	11.6	725*375*320	6	2274	5532
4FT (Surface/Wall Mounted)	2.4	2.9	14.4	19.1	1325*375*320	6	1164	2835
8FT (Surface/Wall Mounted)	4.65	5.5	9.3	13	2500*228*155	2	580	1410
Connector +	1.3	1.56	5.2	7.34	510*303*309	4	2108	5124
Connector T	1	1.25	4	5.9	510*303*486	4	1340	3256
Connector L	0.75	0.96	3	4.54	510*417*422	4	1120	2724