

LNS G2

Power&CCT Selectable Linear Strip



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DESCRIPTION

LED LINEAR STRIP / 2ft, 4ft & 8ft / Power & CCT Selectable
/ 120-277V / 0-10V Dimming



PRODUCT FEATURES

- Powered by 0-10V dimming driver (dim to off)
- 12Vdc AUX output for extended wireless control
- Ambient operating temperature: -20°C(-4°F) to 50°C(122°F)
- PF>0.95, THD<20%
- Snap-lock design, easy for installation and maintenance
- Stand Alone Fixture Control (SAFC) options available
- Curved lens comes standard, flat lens optional
- Electrical feed through, extra parts needed (purchase separately)
- BLE Mesh Control (LLLC) and Circuit Level Control (LALC) options available
- BAA Compliant (Optional)
- Feature Power Selectable Technology: 3 step power adjustable
- Feature CCT Selectable Technology: Adjust CCT between 3500K/4000K/5000K
- L70>190,000 Hrs, 5 Year Limited Warranty
- UL 1598 suitable for damp location

PRODUCT SPECIFICATIONS

Model Number	Nominal Wattage(W)	3500K			4000K			5000K		
		Wattage (W)	Efficacy (LM/W)	Lumens (LM))	Wattage (W)	Efficacy (LM/W)	Lumens (LM)	Wattage (W)	Efficacy (LM/W)	Lumens (LM)
LNS-2FT-15-T1-F-G2	15	15.4	142.6	2,196	15.4	149.8	2,307	15.4	146.9	2,262
	20	20.5	138.4	2,838	20.5	145.4	2,981	20.5	142.6	2,923
	25	26.0	134.4	3,492	26.0	141.2	3,671	26.0	138.4	3,598
LNS-4FT-25-T1-F-G2	25	25.3	141.4	3,575	24.5	154.9	3,789	25.3	144.4	3,659
	30	30.7	137.2	4,216	29.4	152.6	4,491	30.8	140.0	4,316
	40	42.9	128.4	5,509	40.5	146.3	5,931	42.9	130.7	5,606
LNS-4FT-55-T1-F-G2	55	55.6	138.5	7,703	55.6	151.8	8,440	55.6	141.5	7,866
	60	61.5	134.5	8,271	61.5	149.6	9,198	61.5	137.2	8,437
	65	66.5	125.9	8,369	66.5	143.4	9,534	66.5	128.1	8,518
LNS-8FT-55-T1-F-G2	55	55.6	141.4	7,860	55.6	154.9	8,612	55.6	144.4	8,027
	60	61.5	137.2	8,440	61.5	152.6	9,386	61.5	140.0	8,609
	65	66.5	128.4	8,540	66.5	146.3	9,729	66.5	130.7	8,692
LNS-8FT-65-T1-F-G2	65	65.2	141.4	9,217	65.2	154.9	10,099	65.2	144.4	9,413
	75	75.1	137.2	10,306	75.1	152.6	11,461	75.1	140.0	10,513
	90	89.4	128.4	11,481	89.4	146.3	13,079	89.4	130.7	11,685

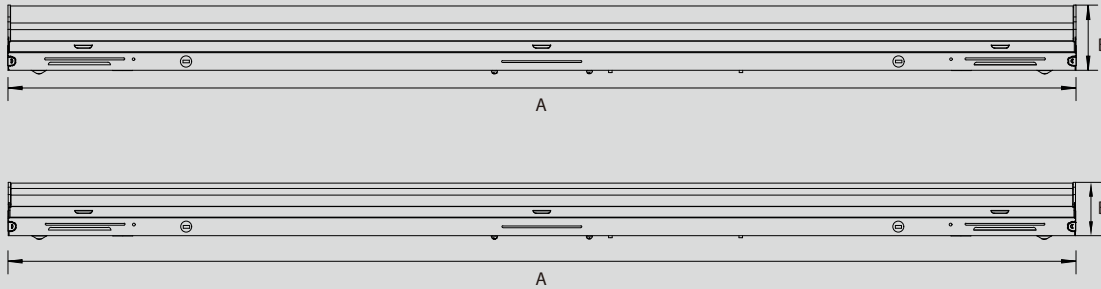
* 4FT data is based on in-house IES files, 8FT data is extrapolated.

* LNS-4FT-24-T1-F-G2 is DLC listed as Direct Linear Ambient and Low-bay Luminaire, other models are pending

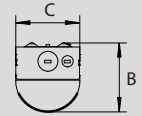
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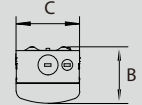
PHYSICAL SPECIFICATIONS



Curved Lens



Flat Lens



PACKING

MODEL NUMBER	A(Length)	Curved Lens		Flat Lens		Weight(Lbs)
		B(Height)	C(Width)	B(Height)	C(Width)	
LNS-4FT-XX-T1-F-G2	22.2"	2.5"	2.8"	2.3"	2.8"	2.65
LNS-4FT-XX-T1-F-G2	47.3"	3.1"	2.8"	2.3"	2.8"	4.41
LNS-8FT-XX-T1-F-G2	94.2"	3.1"	2.8"	2.3"	2.8"	8.49

MOTION SENSOR(SOLD SEPARATELY)

ATG CODE	MODEL NUMBER	DESCRIPTION
SW	IFS08-ET	Microwave Motion Sensor, 12VDC, with Daylight function
RI	RM-51	Remote for IFS06R&IFS08-ET



IFS08-ET



RM-51

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EMERGENCY BACKUP UNIT(SOLD SEPARATELY)

ATG CODE	MODEL NUMBER	DESCRIPTION
EC	EMB08YY-050	EM Kit, 120-277VAC, 8W, 25-50VDC, 90mins
E1	EM-0825-010/105-P28	EM Kit, 120-277VAC, 8W, 11-56VDC, 90mins



EMB08YY-050



EM-0825-010/105-P28

EMERGENCY BACKUP UNIT(SOLD SEPARATELY)

ATG CODE	MODEL NUMBER	DESCRIPTION
W5	PSC-BL-I-FM-110-BLE-SR	Bi-Level Dimming PIR Sensor, 120-277VAC Input
W7	PSC-DM-WS-100-BLE-SR	Wireless Dimmer Switch, 120-277VAC Input
W8	PSC-DM-I-WS-100-BLE-SR	Wireless Dimming Occupancy Switch
W9	PSC-WCM-50-DC0-BLE-SR	12V Wireless Fixture Controller
PP2	PSC-AC-PP-250	Dimming Power Pack, 20A Relay, 120-277VAC Input, 12VDC Output
PP5	PSC-WCM-450-BLE-SR	Room Controller, KO Mount, 120-277VAC Input, 12VDC Output



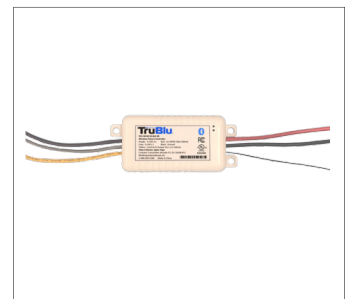
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PSC-DM-WS-100-BLE-SR



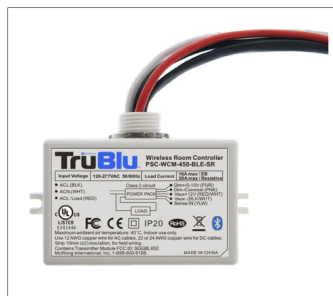
PSC-DM-I-WS-100-BLE-SR



PSC-WCM-50-DC0-BLE-SR



PSC-AC-PP-250



PSC-WCM-450-BLE-SR

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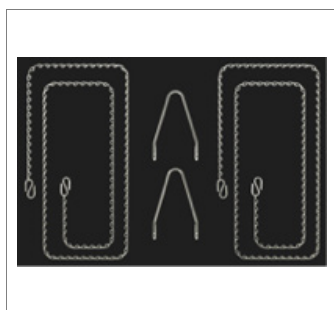
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ADDITIONAL ACCESSORIES(SOLD SEPARATELY)

ATG CODE	MODEL NUMBER	DESCRIPTION
VH	VH-LNS-01	V-hook for Linear Strip
CK	CK-WRP-3M	Suspension Cable Kit
LK	LKC-LNS-EE-G2	Electrical Connector Kit



LKC-LNS-EE-G2



VH-LNS-01

ORDER FORMAT

Series	Length	Wattage	CCT	Lens	Gen	Sensor*	BLE*	EM*	Accessories
LNS	2FT=2FT 4FT=4FT 8FT=8FT	15=15W/20W/25W Selectable 25=25W/30W/40W Selectable 55=55W/60W/65W Selectable 65=65W/75W/90W Selectable	T1=DUO Selectable CCT Range:3500K/4000K/5000K	F=Frosted	G2	SW RI	W5 W7 W8 W9 PP2 PP5	EC E1	LK VH CK

* See more details in ACCESSORIES sheet.

★Contact sales team for more details about Bluetooth Mesh Control.

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✓	Part Number	Description	QUICK SHIPPING*
	LNS-2FT-15-T1-F-G2	G2 DUO LED Linear Strip, 1-10V dimming, 2ft, 25W/20W/15W, 3500K/4000K/5000K, 100-277 VAC, Frosted PC Lens with 12VDC AUX	
	LNS-4FT-25-T1-F-G2	G2 DUO LED Linear Strip, 1-10V dimming, 4ft, 40W/30W/25W, 3500K/4000K/5000K, 100-277 VAC, Frosted PC Lens with 12VDC AUX	✓
	LNS-4FT-55-T1-F-G2	G2 DUO LED Linear Strip, 1-10V dimming, 4ft, 65W/60W/55W, 3500K/4000K/5000K, 100-277 VAC, Frosted PC Lens with 12VDC AUX	
	LNS-8FT-55-T1-F-G2	G2 DUO LED Linear Strip, 1-10V dimming, 8ft, 65W/60W/55W, 3500K/4000K/5000K, 100-277 VAC, Frosted PC Lens with 12VDC AUX	✓
	LNS-8FT-65-T1-F-G2	G2 DUO LED Linear Strip, 1-10V dimming, 8ft, 65W/75W/90W, 3500K/4000K/5000K, 100-277 VAC, Frosted PC Lens with 12VDC AUX	
	VH-LNS-01	V-hook for Linear Strip	✓
	CK-WRP-3M	Aircraft Cable Kit for LED Wrap Light & Linear Strip, 3 meters	✓
	IFS08-ET	Microwave Motion Sensor for G2 DUO LED Linear Strip, 12VDC	✓
	EMB08YY-050	Emergency Kit, Input: 120-277VAC, Emergency Output: 8W, 25-50VDC, Emergency Time: 90 mins, Li-ion Battery	✓

* QUICK SHIPPING means this is a inventory product, please contact our sales for realtime stock information.