

20 Linear Surface



The most versatile lighting tool to deliver general and accent illumination for any indoor application from a 0.7" wide luminaire. Mounts via invisible clip to any surface, toolless mounting to grid ceilings, magnetic and adjustable bracket mounting.

Housing	Precision extruded aluminum for true dimensions and tolerances Adjustable mounting bracket (90 and 180 degree) Standard and tailored lengths including corner configurations Finishes: white, black, silver and custom
Integration	Fixation onto any surface using standard clips, magnets and adjustable brackets
Distribution	Multiple lenses and louvers for general, accent, decorative and grazing applications
LED	Constant Voltage, 90+ CRI, 3 Steps MacAdam, 3W - 10W per foot L70 lifetime (TM21 Projected 85C) Static White (2700K-4000K) = 60,000 hours RGBW (3000K White) = 50,000 hours Warm Dim (1800K-3000K) = 36,000 hours Tunable White, 1800K - 4000K / 2700K - 6500K, 1.5W - 10W per foot, constant current, >90 CRI L70 (TM21 Projected 85°C) Tunable White = 50,000 hours
Lens	OD - Opal Diffuser provides even, continuous line of light and general illumination MPL - Micro-prismatic lens provides lower brightness, general illumination NL16 - Narrow Lens optic provides narrow beam for wall grazing applications* LL45 - 45 degree Louver in white or black provides extreme low brightness* BD - Block Diffuser of satin acrylic provides general illumination and decorative effect* ROD - Round Opal Diffuser 0.8" diameter provides general illumination* *straight runs only, no corners
Driver	Remote driver Compatible with quality constant voltage (Static White / WD / RGBW) and constant current (Tunable White) drivers
Connectivity	Lutron Athena Wireless Node RF Casambi BlueTooth
Weight	0.5lbs per foot
Operating Temp	Suitable for operation in maximum ambient temperature of 35C (95F)
Warranty	5-year Limited (see complete company warranty information)
Certifications	ETL and ETL-C for dry, damp (WL Wet Location optional), CE
Voltages	24V Fixture / 120-277VAC Driver (remote)

Lenses/Accessories

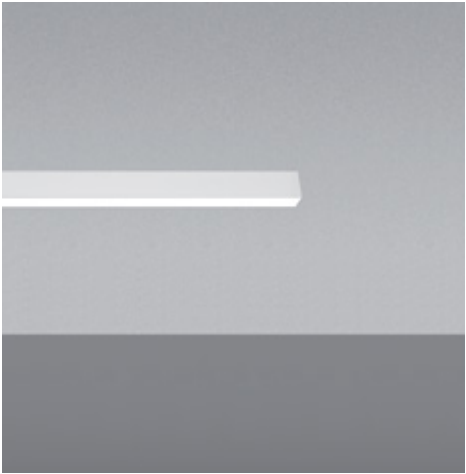
Opal Diffuser (OD)
Micro-prismatic Lens (MPL)

Narrow Lens (NL16)

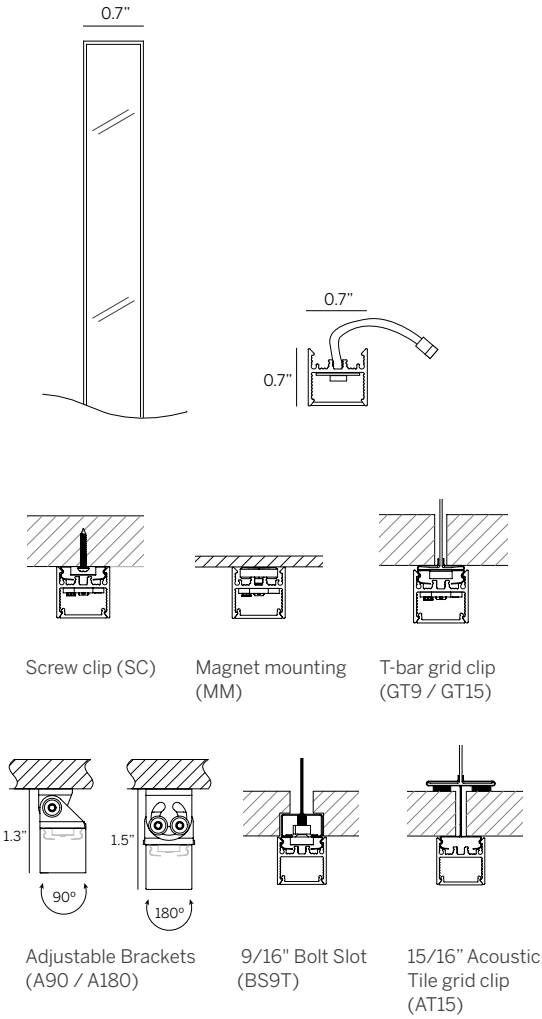
Louver (LL45)

Block Diffuser (BD)

Round Opal Diffuser (ROD)



Surface Mount (SM)



technical
information

20 Linear Surface

Model	Fixation	Pattern	Length	Power ²	CRI/ CCT ³	Driver ⁵	Lens	Finish	Cable	Options
WG-20LDL-SM	SC MM GT9 GT15 BS9T A90 A180 AT15	S P ¹ PPI ¹ PPO ¹ PZ ¹	A A x B A x B x C A x B x A x B	L M H P0 P1 P2 P3	927 930 935 940 WD RGBW TW1840 ⁴ TW2765 ⁴	X S D010 DPH L3DAE D2DT6 D2DT8	OD (std) MPL NL16 LL45B ⁶ LL45W ⁶ BDO ⁷ BDC ⁷ ROD ⁷	W (std) B S F	C4 (std) C10 C20 C30	AWNRF BT EM WL ⁸

Model

- WG-20LDL-SM = 20 Linear Surface

Fixation

- SC = Screw clip
- MM = Magnet mounting
- GT9 = 9/16" T-bar grid clip
- GT15 = 15/16" T-bar grid clip
- BS9T = 9/16" Bolt Slot
- A90 = Adjustable 90° bracket
- A180 = Adjustable 180° bracket
- AT15 = 15/16" Acoustic Tile grid clip

Pattern

- S = Straight run
- P = Standard patterns 2, 3 or 4 sided with 90° corners on the same plane¹
- PPI = Pattern, Plane to Plane, Inside. 2-3-4 sided pattern with inside corners¹
- PPO = Pattern, Plane to Plane, Outside. 2-3-4 sided pattern with outside corners¹
- PZ = Non-standard patterns and/or corners other than 90° on multiple planes, consult factory¹

Length

- A, B, C = specify inches to the nearest 0.25" (i.e. 72"). For pattens specify each length (i.e. 2 sided: A x B = 72" x 48"; 3 sided: A x B x C; 4 sided: A x B x A x B).

Power²

- L = 3W/ft low power (WD 2.7 W/ft) (24V)
- M = 6W/ft mid power (WD 5.5 W/ft) (24V) (RGBW - 7.6 W/ft)
- H = 10W/ft high power (WD 8 W/ft) (24V)
- P0 = 1.5 W/ft
- P1 = 3 W/ft
- P2 = 6 W/ft
- P3 = 10 W/ft

CRI/CCT (90+ CRI)³

- 927 = 2700K
- 930 = 3000K
- 935 = 3500K
- 940 = 4000K
- WD = Warm Dimming (1800K - 3000K)
- RGBW = 3000K White (M power only) [30ft max run length]
- TW1840 = Tunable white (1800K - 4000K)⁴
- TW2765 = Tunable white (2700K - 6500K)⁴

Driver (remote)⁵

- X = No driver, ordered separately
- S = Standard, non-dim driver 120-277V
- D010 = eldoLED, 10%, 0-10V dimming, 120-277V
- DPH = Phase Dimming, 1% dimming, 120V only
- L3DAE = Lutron Hi-lume 1% EcoSystem, 120-277V
- L3D0E = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- EL96 = eldoLED, 24V, 0.1% 0-10V Dimming
- DALI = eldoLED DALI (DT6), 0.1% dimming (120-277V)
- DMX = eldoLED, 24V, 0.1% DMX Dimming
- D2DT6 = DALI-2 (DT6), 0.1% dimming (120-277V) [TW only]
- D2DT8 = DALI-2 (DT8), 0.1% dimming (120-277V) [TW only]

Lens

- OD = Satin opal diffuser (standard)
- MPL = Micro-prismatic lens
- NL16 = Linear narrow lens, 16°
- LL45B = Linear louver black⁶
- LL45W = Linear louver white⁶
- BDO = Block diffuser opal⁷
- BDC = Block diffuser clear⁷
- ROD = Round opal diffuser⁷

Finish

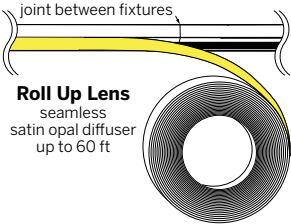
- W = White, 15% gloss, RAL 9010 (standard)
- B = Black, 15% gloss, RAL 9005
- S = Silver, 15% gloss, RAL 9006
- F = Custom finished trim, specify RAL

Cable

- C4 = 4' tray cable (plenum rated) (standard)
- C10 = 10' tray cable (plenum rated)
- C20 = 20' tray cable (plenum rated)
- C30 = 30' tray cable (plenum rated)

Options

- AWNRF = Lutron Athena Wireless Node RF (specify with EL96, DALI or D2DT6/D2DT8 for TW)
- BT = Wireless CAS - Casambi (specify with D010, EL96, DALI, DMX or D2DT6/D2DT8 for TW)
- EM = Emergency (remote)
- WL = Wet Location Under Canopy / Cover⁸



Whitegoods reserves the right to change any information without prior notice.

Notes

- See pattern spec sheet.
- Wattage shown is for LED boards only, system wattage varies depending on driver selected.
- Refer to specsheet for delivered lumen data for all product configurations.
- TW LEDs for concealed source applications only.
- Remote power supply required. See power supply page for details.
- Louver available in 0.5" increments.
- Butt seam (lens) when in continuous run, straight runs only.
- Wet Location option available for OD / MPL lenses and recessed / surface ceiling applications only.