



Anti-Glare LED Linear Light

The Lumi-PRO Anti-Glare Family is a 24V DC linear lighting system designed for projects that require visual continuity and layout flexibility. Its compact profile allows for the creation of multiple architectural configurations, enabling endless design possibilities and precise customization of lighting layouts.

Featuring a compact 0.52" aperture, this luminaire delivers refined, uniform linear illumination suitable for both commercial and residential interiors. Available in black, white, or custom RAL finishes, the Lumi-PRO Anti-Glare LED Profile is designed for surface corner mounting, offering flexibility across a wide range of architectural applications. Installation is fast and efficient using the included mounting clips, with no complex procedures required.

The complete Architectural LED Linear System includes a flat diffuser lens, end caps, and modular surface corner mount clips. Two anti-glare options are available—Honeycomb Louver or Blade Louver—to enhance visual comfort while maintaining a clean, modern aesthetic. The combination of the flat diffuser lens with the selected louver provides smooth, controlled light distribution, making the system ideal for visually sensitive environments.

Designed for indoor use only, the Anti-Glare System is well suited for applications in commercial, residential, and hospitality, environments.

TECHNICAL DETAILS

INPUT VOLTAGE	24V	Color Temp. 4.6 W/ft 2700K 495 lm/ft 3000K 520 lm/ft 3500K 520 lm/ft 4000K 550 lm/ft 5000K 550 lm/ft	DIMENSIONS
POWER	4.6 W/ft, 7.3 W/ft		
EFFICIENCY lm/W	120 lm/W, 150 lm/W		
CRI	90+		
DISTRIBUTION PATTERNS	Blade Louver, Honeycomb Louver		
CCT	27K, 30K, 35K, 40K, 50K	Color Temp. 7.3 W/ft 2700K 1030 lm/ft 3000K 1040 lm/ft 3500K 1060 lm/ft 4000K 1100 lm/ft 5000K 1100 lm/ft	
LENGTHS	1', 2', 4', 8', or continuous custom configurations		
FINISH	Black, White, Custom RAL		
DIMMING & CONTROLS	0-10V Flicker-Free Dimming (DIM10), LUTH, DIMTR, DALI, BLE		



CONSTRUCTION

Housing constructed from a single-piece extruded aluminum profile with plastic end caps. Optical components consist of a standard diffuser lens, with optional honeycomb or blade louvers, all manufactured from polycarbonate to provide installation flexibility.

LED MODULE PERFORMANCE

Light source options include a 4.6 W/ft COB LED strip with 98 LEDs/ft and a 7.3 W/ft 2835 SMD LED strip with 61 LEDs/ft.

The luminaires are equipped with 2-step MacAdam ellipse LEDs, providing consistent color across all fixtures with a CRI of 90+. The LEDs are available in multiple Kelvin temperature options.

OPTICS & PERFORMANCE

Optical options include a standard diffuser lens, with optional honeycomb louver or blade louver configurations to provide controlled light distribution and glare mitigation. Lenses and louvers are manufactured from polycarbonate for durability and long-term optical stability.

Standard UGR<10. The luminaire delivers uniform illumination with minimal pixelation, depending on light source selection and optical configuration. Precision-engineered optics ensure consistent performance across continuous runs and custom-shaped lighting layouts.

CRM INSTALLATION

The surface corner mount system provides a streamlined solution for continuous row mounting, utilizing minimal hardware for efficient and straightforward installation. Included mounting clips eliminate the need for complex installation procedures.

For both continuous and single-run configurations, the first section is supplied with a standard 4 ft hardwire power cable.

FINISH

Luminaires are available in a powder-coated black or white post-paint finish. Custom RAL colors are also available upon request. Please consult the factory to confirm available custom color options.

POWER FEED

For both continuous and single-run configurations, the first luminaire section is supplied with a standard 4 ft hardwire power feed. Side or top power feed entry options are available to accommodate any layout and installation conditions.

DRIVER ELECTRICAL INFORMATION

The Anti-Glare System is powered by constant-voltage drivers rated for 50/60 Hz operation with a 120–277V input and a 24V output. The drivers deliver less than 20% THD, a power factor of 0.90%, and include thermal protection for added safety.

Drivers may be remotely mounted and are available with 0–10 V (1% minimum) dimming, phase-cut dimming (forward and reverse phase), DALI, Bluetooth, and Lutron dimming options.

DIMMING AND DRIVER INFORMATION

DIM10 - 0-10V dimming on either MVOLT 120, 277V. Dimmable down to 1% of initial lumens, standard.

DIMTR - Electronic low voltage dimming. Available in 120V.

DALI - DALI DT6 dimming down to 1%

LUTH-Lutron ecosystem with soft fade to black down to 1% dimming

BLE - Luminaires may be controlled, grouped, scheduled or placed in scenes and/or zones Via Cassambi Bluetooth 4.0 App.

WARRANTY

5-year warranty for parts and components (labor not included)

LISTINGS

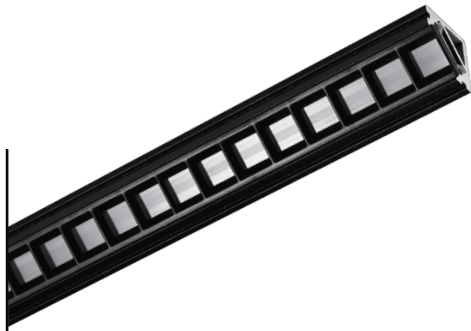
RoHS compliant

cUL Class 2 wiring

Title 24 JA8 compliant with universal power supplies

LOUVER OPTIONS

White Finish Available



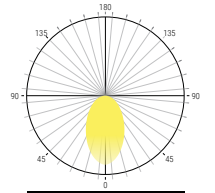
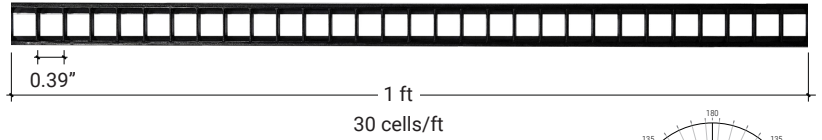
PC-BL-1
Blade Louver



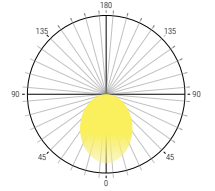
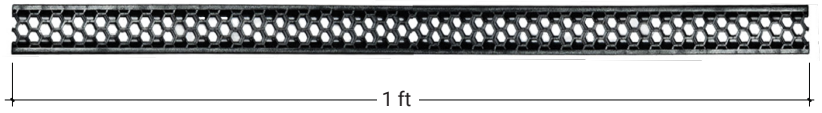
PC-HCL-1
Honeycomb Louver



Frosted Diffuser Lens
INCLUDED



Beam Distribution



Beam Distribution

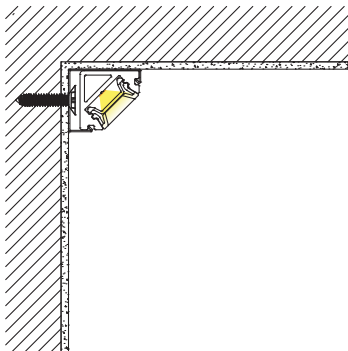


- Frosted Diffuser Lens
- Louver



MOUNTING

Surface Clip



RUN CHART GUIDE

Run length (ft)	Section Lengths
9	5 + 4
10	6 + 4
11	7 + 4
12	8 + 4
13	8 + 5
14	8 + 6
15	8 + 7
16	8 + 8
17	8 + 5 + 4
18	8 + 6 + 4
19	8 + 7 + 4
20	8 + 8 + 4

Run length (ft)	Section Lengths
21	8 + 8 + 5
22	8 + 8 + 6
23	8 + 8 + 7
24	8 + 8 + 8
25	8 + 8 + 5 + 4
26	8 + 8 + 6 + 4
27	8 + 8 + 7 + 4
28	8 + 8 + 8 + 4
29	8 + 8 + 8 + 5
30	8 + 8 + 8 + 6
31	8 + 8 + 8 + 7
32	8 + 8 + 8 + 8

ORDERING TABLE

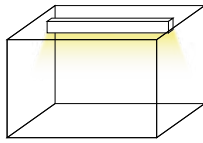
Example: LP-AG-S90-075-4.6W-S-8-PC-BL-1-BK-DIM10-24V-35K-90-BK-SPF

SERIES	WATTAGE	SHAPE	TOTAL RUN	LOUVER OPTION	DIMMING
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LP-AG-S90-075

4.6W - 4.6W
7.3W - 7.3W

S - Single Run

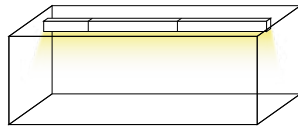


1 - 1f
2 - 2f
4 - 4f
8 - 8f
1 CUS - Custom

PC-BL-1-BK - Polycarbonate
Blade Louver-Black
PC-HCL-1-BK - Polycarbonate
Honeycomb Louver-Black
PC-BL-1-WH - Polycarbonate
Blade Louver-White
PC-HCL-1-WH - Polycarbonate
Honeycomb Louver-White
(Blank) - Frosted Diffuser Lens (Standard)

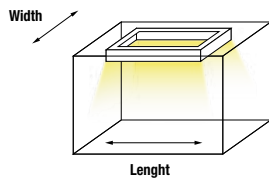
DIM10 - 0-10V Dimming
DIMTR - Triac & Elv
LUTH - Lutron HiLum
DALI - DALI DT6

CR - Continuous Run



XX.YY
XX = length in feet
YY = inches
Example: 22.6 = 22 ft 6 in

REC - Rectangle



XX.YY
XX = width in feet
YY = inches
Example: 22.6 = 22 ft 6 in

XX.YY
XX = length in feet
YY = inches
Example: 14.5 = 14 ft 5 in

CUS - Custom

Sketch your design on the next page

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VOLTAGE	CCT	CRI	FINISH	POWER FEED ENTRY	EMERGENCY (REMOTE)
24V - 24V	27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K 50K - 5000K	90 - 90CRI	BK - Black WH - White RAL - Consult factory	SPF - Side Power Feed TPF - Top Power Feed	EMG-LED-15W-HV

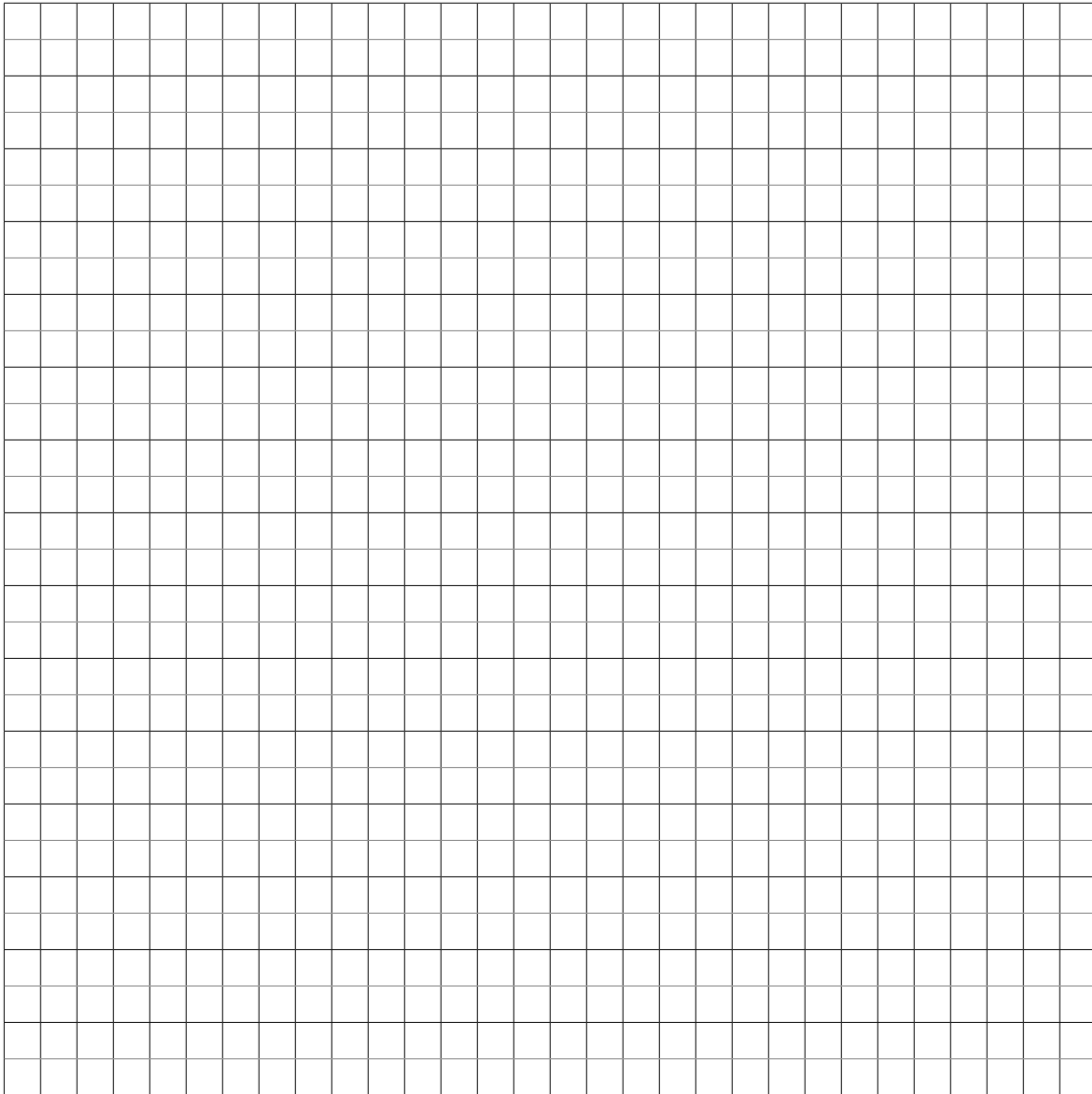
1-Lengths adjustable in increments of 1".

Factory drawings will be provided and must be reviewed, signed, and approved prior to production.





Sketch your design using the grid space below
and email it to kay@iuseelite.com



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TM30

4.6 W/ft
3500K
View Angle:2 Deg

