



## 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 and a 0.87" flange-to-flange width, this luminaire delivers refined, uniform linear illumination for both commercial and residential interiors. The sleek flanged recessed profile is engineered for easy and secure installation using spring clips, allowing fast mounting and reliable retention within a slot or groove in drywall ceilings or millwork. Available in black, white, or custom RAL finishes, the Lumi-PRO Anti-Glare LED Profile supports recessed installation and provides a clean, seamless architectural appearance.

The complete Architectural LED Linear System includes a flat diffuser lens, end caps, and spring 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

<b>INPUT VOLTAGE</b>	24V	<b>Color Temp.</b> <b>4.6 W/ft</b> <span style="display: inline-block; width: 10px; height: 10px; background-color: #FFC000; border: 1px solid black;"></span> 2700K      495 lm/ft <span style="display: inline-block; width: 10px; height: 10px; background-color: #FFD700; border: 1px solid black;"></span> 3000K      520 lm/ft <span style="display: inline-block; width: 10px; height: 10px; background-color: #FFFF00; border: 1px solid black;"></span> 3500K      520 lm/ft <span style="display: inline-block; width: 10px; height: 10px; background-color: #FFD700; border: 1px solid black;"></span> 4000K      550 lm/ft <span style="display: inline-block; width: 10px; height: 10px; background-color: #FFC000; border: 1px solid black;"></span> 5000K      550 lm/ft	<b>DIMENSIONS</b> 
<b>POWER</b>	4.6 W/ft, 7.3 W/ft		
<b>EFFICIENCY lm/W</b>	120 lm/W, 150 lm/W		
<b>CRI</b>	90+		
<b>DISTRIBUTION PATTERNS</b>	Blade Louver, Honeycomb Louver		
<b>CCT</b>	27K, 30K, 35K, 40K, 50K	<b>Color Temp.</b> <b>7.3 W/ft</b> <span style="display: inline-block; width: 10px; height: 10px; background-color: #FFC000; border: 1px solid black;"></span> 2700K      1030 lm/ft <span style="display: inline-block; width: 10px; height: 10px; background-color: #FFD700; border: 1px solid black;"></span> 3000K      1040 lm/ft <span style="display: inline-block; width: 10px; height: 10px; background-color: #FFFF00; border: 1px solid black;"></span> 3500K      1060 lm/ft <span style="display: inline-block; width: 10px; height: 10px; background-color: #FFD700; border: 1px solid black;"></span> 4000K      1100 lm/ft <span style="display: inline-block; width: 10px; height: 10px; background-color: #FFC000; border: 1px solid black;"></span> 5000K      1100 lm/ft	
<b>LENGTHS</b>	1', 2', 4', 8', or continuous custom configurations		
<b>FINISH</b>	Black, White, Custom RAL		
<b>DIMMING &amp; CONTROLS</b>	0-10V Flicker-Free Dimming (DIM10), LUTH, DIMTR, DALI, BLE		



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#### 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 Anti-Glare recessed flanged profile is engineered for easy and secure installation using spring clips, allowing fast mounting and reliable retention within a slot or groove in drywall ceilings or millwork.

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



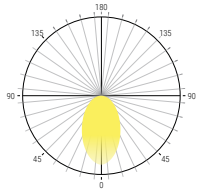
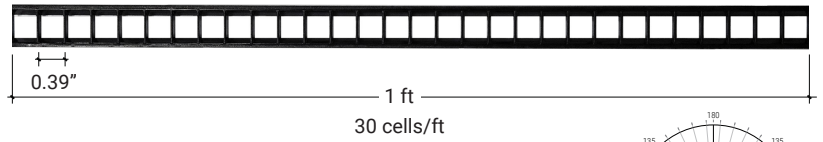
**PC-BL-1**  
Blade Louver



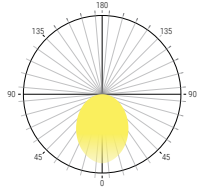
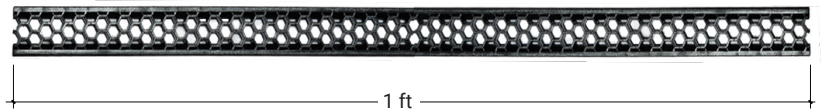
**PC-HCL-1**  
Honeycomb Louver



**Frosted Diffuser Lens**  
**INCLUDED**



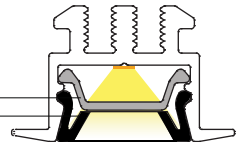
**Beam Distribution**



**Beam Distribution**

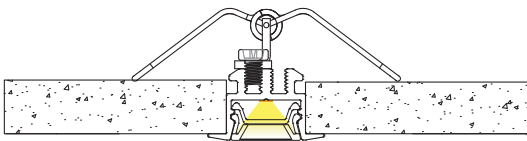


● Frosted Diffuser Lens  
● Louver



**MOUNTING**

Spring 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-RFT-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-RFT-075

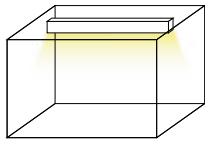
4.6W - 4.6W  
7.3W - 7.3W

S - Single Run

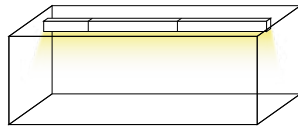
1 - 1f  
2 - 2f  
4 - 4f  
8 - 8f  
1 CUS - Custom

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

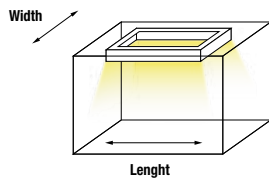


CR - Continuous Run



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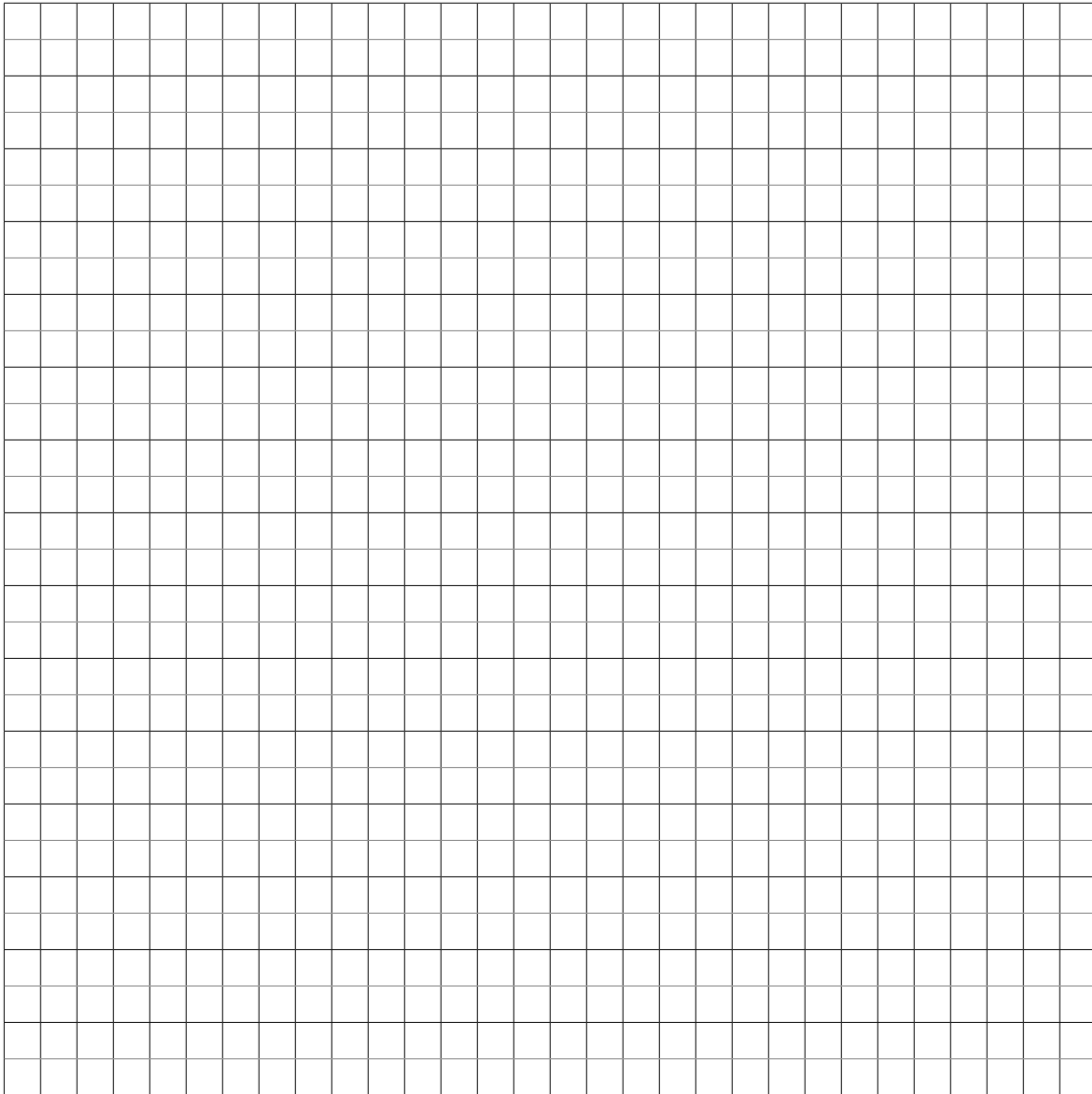
VOLTAGE	CCT	CRI	FINISH	POWER FEED ENTRY	EMERGENCY (REMOTE)
24V - 24V	27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K 50K - 5000K	90 - 90CRI	BK - Black WH - White RAL - Consult factory	SPF - Side Power Feed TPF - Top Power Feed	EMG-LED-15W-HV

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](mailto:kay@iuseelite.com)



### Anti-Glare LED Linear Light

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

**TM30**

**4.6 W/ft**  
**3500K**  
**View Angle:2 Deg**

