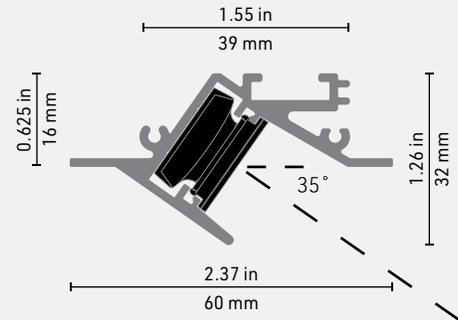


# 1590 PROFILE - OPTILUX

1000 Series



## Cross-section dimensions:



The 1590 Optilux Pro offers a direct and powerful light allowing you to focus the light wherever you want it. It can be focused on a work surface, to enhance textures or to achieve an indirect lighting with a wall-washing effect. The LED finish is available in a choice of three colors : black, white or gold. Designed for indoor use, it's ideal for the office, in a store or to enhance wall lighting. The 1590 is always built-in to provide you an efficient and effective light source. The lens is also anti-glare to provide you the best visual comfort. This light fixture is small, but very powerful and thanks to its many advantages, it will meet all your needs.

## FEATURES

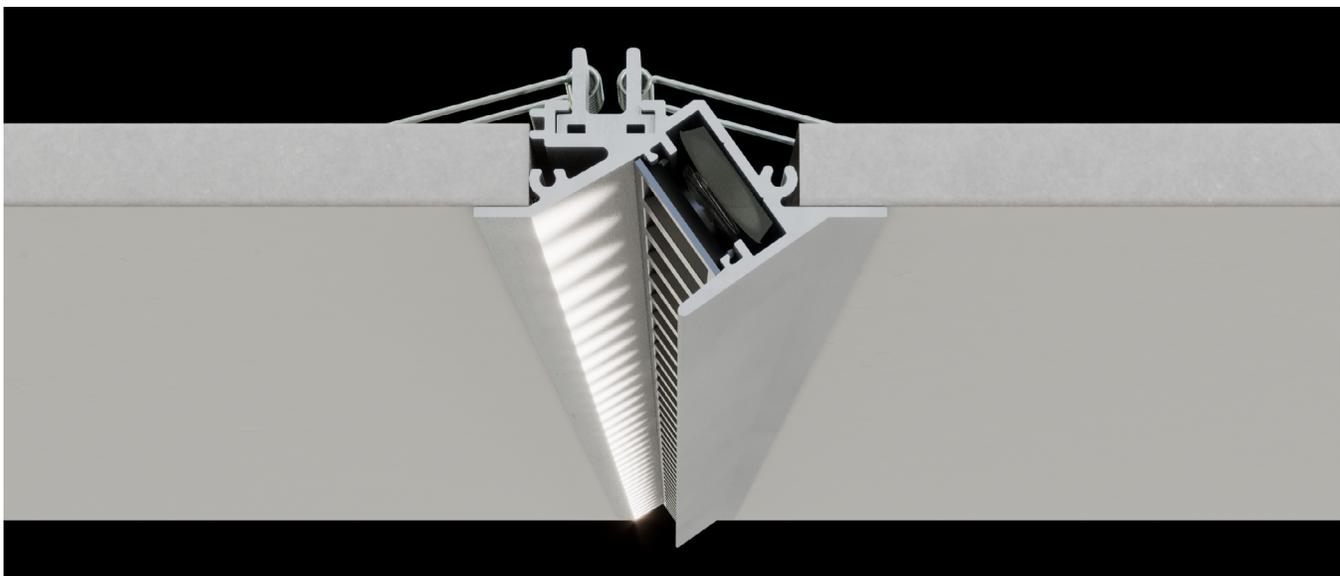
- Length of light source in 6.5 in (16 cm) increments only
- CRI 95+
- Choice of 4 color temperatures (2700 K, 3000 K, 3500 K et 4000 K)
- 2 beam angles: 30° × 30° (336 lm/ft) or 45° × 10° (345 lm/ft)
- Anti-reflective technology reducing eye fatigue
- Also available in a black finish
- Made of ALCOA 6063-T5 aluminum alloy for superior heat dissipation and increased LED light source life
- Rated life of up to 50,000 hours
- Indoor use, 24 V

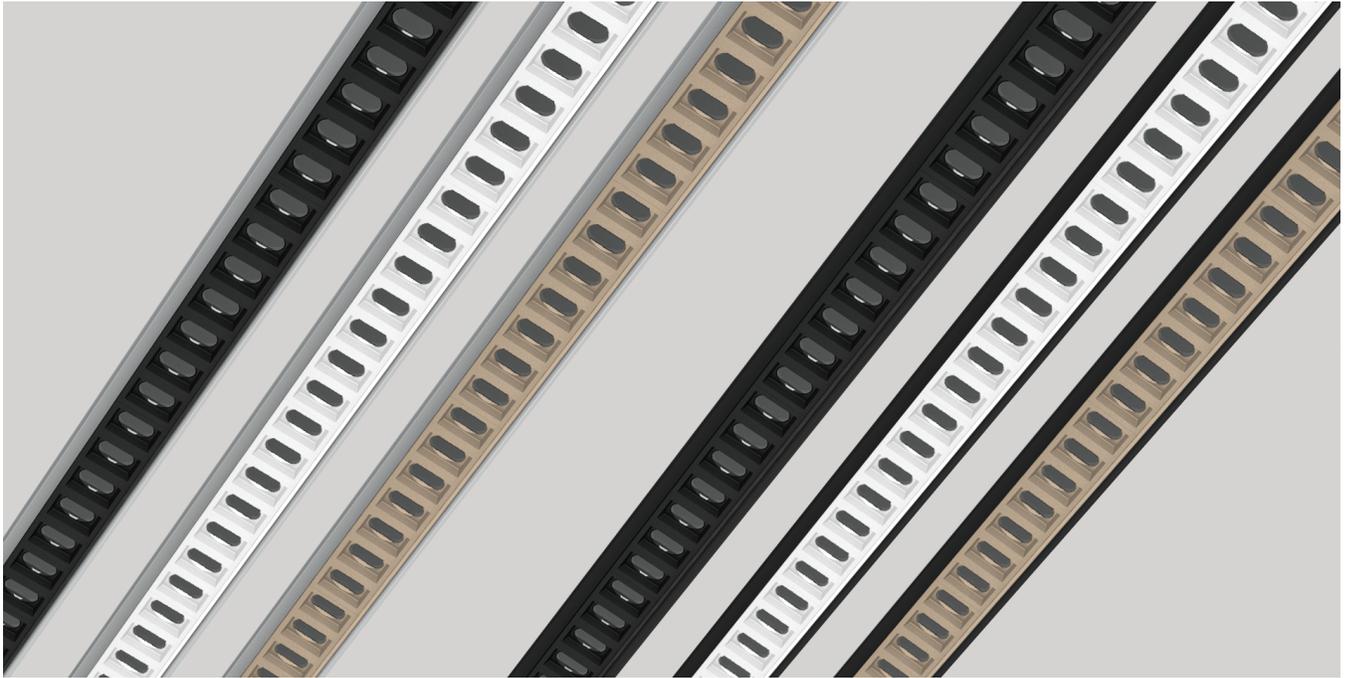
## OPTIONS

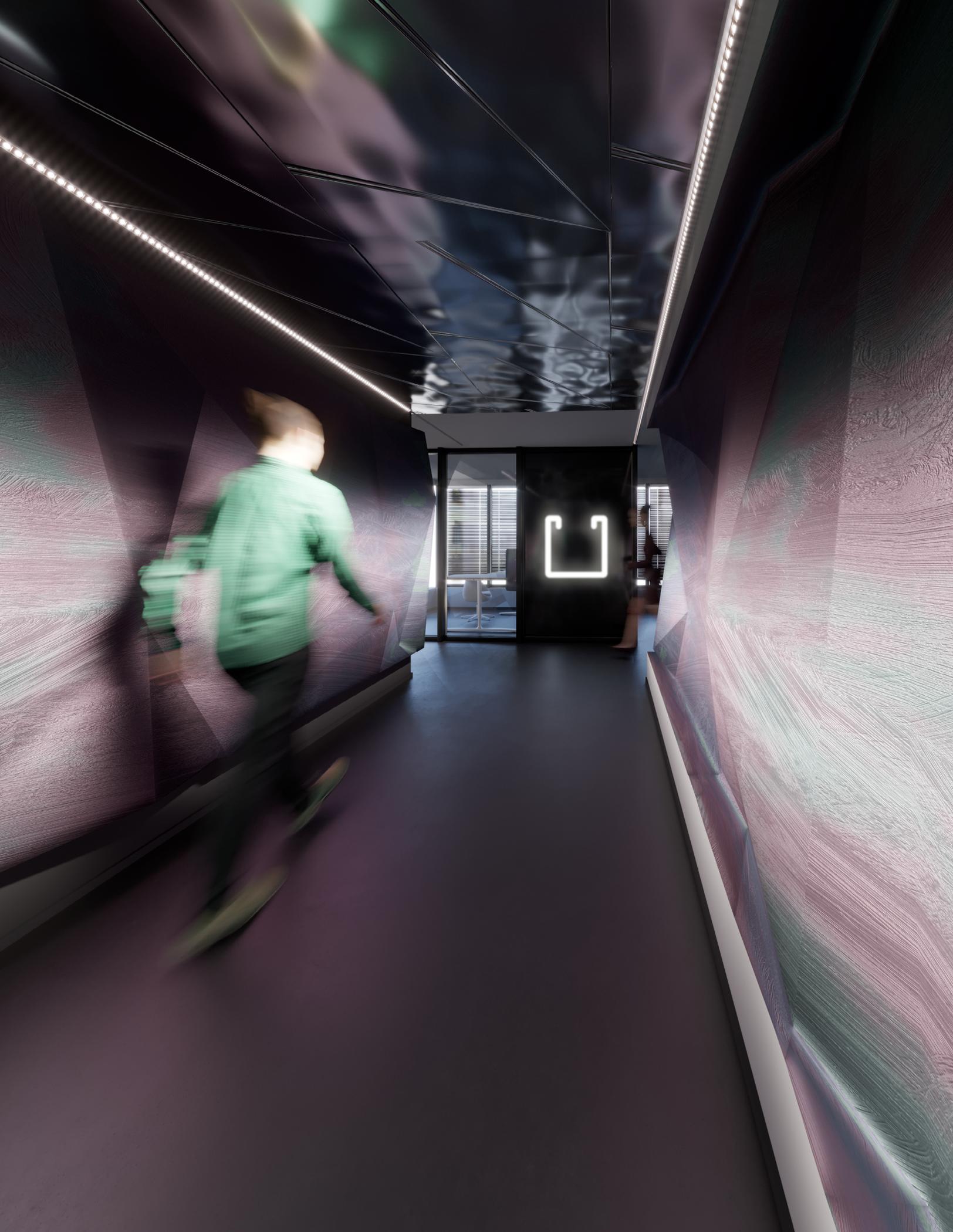


## LINEAR WEIGHT

0.48 lbs/ft, 0.709 kg/m (without lens or insert)

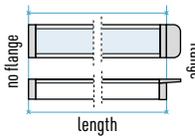
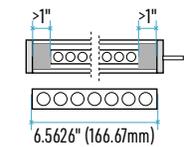






<b>1</b> Finish	<b>2</b> Mounting	<b>3</b> Louver	<b>4</b> Lumen Package	<b>5</b> CCT	<b>6</b> Application	<b>7</b> Power Feed	<b>8</b> Input / Output	<b>9</b> Exact / Optimal	<b>10</b> Length, in	<b>11</b> Driver Type
-	-	-	-	-	<b>AID</b>	-	-	-	-	-

<b>1 PROFILE &amp; FINISH</b> CA1590 - Anodized aluminum finish CA1591 - Anodized black finish CA159X - Custom color provide RAL #	<b>2 MOUNTING</b> MIS - Spring bracket MNO - No mounting	<b>3 LOUVER</b> DL01 - Louver, black finish DL02 - Louver, white finish DL09 - Louver, golden finish	<b>4 LUMEN PACKAGE</b> LO3030 - smooth spot 30°x30° beam - 5.5 W/ft - 378 lm/ft LO1045* - asymmetric 10°x45° beam - 5.5 W/ft - 345 lm/ft	<b>5 CCT</b> K27 - 2700K K30 - 3000K K35 - 3500K K40 - 4000K (*not available for LO1045 option)	<b>6 APPLICATION</b> AID - Indoor dry locations
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<b>7 POWER FEED</b> FH3 - Hardwire, 3ft wire FH6 - Hardwire, 6ft wire FH9 - Hardwire, 9ft wire FHX - Hardwire, custom length wire FC3 - DC plug, 3ft wire FC6 - DC plug, 6ft wire FC9 - DC plug, 9ft wire FCX - DC plug, custom length wire	<b>8 INPUT / OUTPUT</b> WSE - Simple lead-in, end feed WSB - Simple lead-in, back feed WPE - Pass-through, end feed WPB - Pass-through, back feed	<b>9 EXACT/OPTIMAL</b> QE - Exact QO - Optimal  Exact - length specified in section 10 with end caps without flanges. Optimal - length specified in section 10, rounded down to the closest LED cut section to minimize dark spots.	<b>10 LENGTH*</b> Length of the luminaire in inches. *Includes blind covers (min. 1") and end caps, excludes flanges (when applicable).  Length calculation: N number of sections of 6.5626" + blind covers (variable length min. 1" each) + end caps (channel specific). 	<b>11 DRIVER TYPE</b> PND - Non-dimmable P010 - 0-10V dimming PPH - Phase (ELV / MLV) dimming P511 - 5-in-1 (Phase / 0-10V) dimming PDAL - DALI compatible driver PDMX - DMX driver PNO - No driver
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1450 series	black finish	black louver	CCT 3500 K	hardwire connection, 6'	72" fixture (with end caps)	non-dimming driver			
<b>CA1591</b>	<b>- MIS</b>	<b>- DL01</b>	<b>- LO3030</b>	<b>- K35</b>	<b>- AID</b>	<b>- FH6</b>	<b>- WSB</b>	<b>- Q072</b>	<b>PND</b>
	spring bracket	30 x 30-deg. (symmetric)	wet application	back feed lead-in only	optimal length				