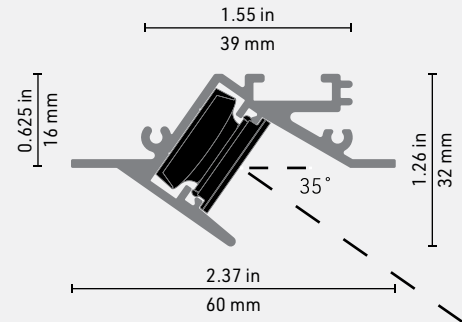


1590 PROFILE - OPTILUX

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

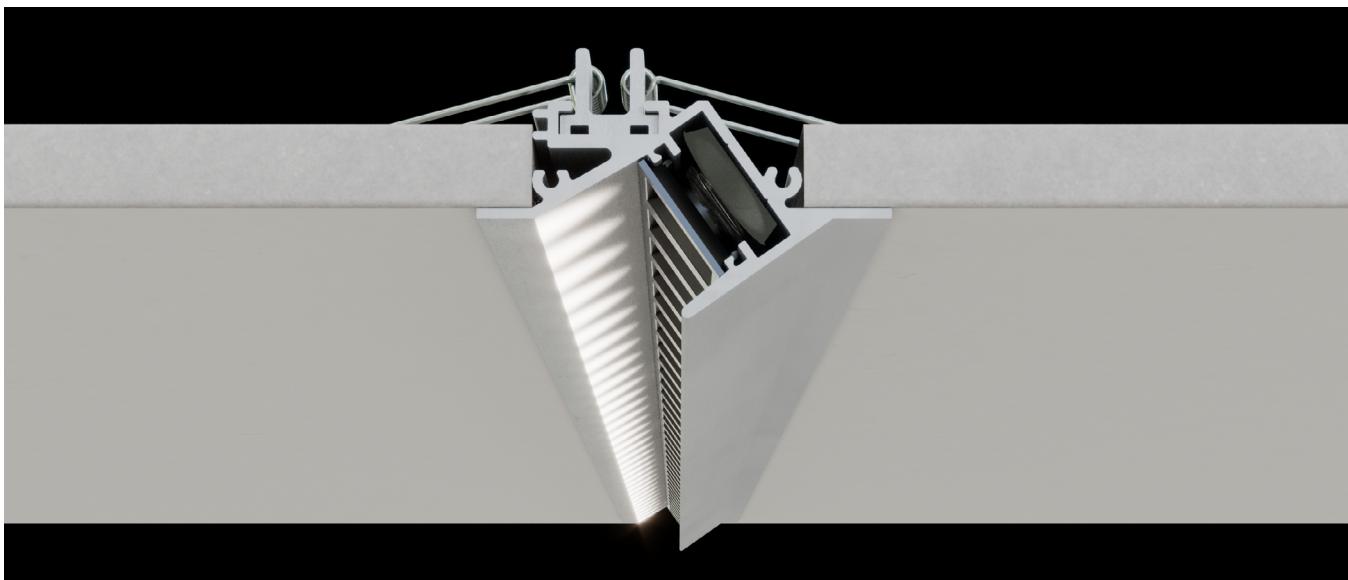
- Length of light source in 6.5 in (16 cm) increments only
- CRI 95+
- Choice of 4 color temperatures (2700 K, 3000 K, 3500 K et 4000 K)
- 2 beam angles: 30° × 30° (336 lm/ft) or 45° × 10° (345 lm/ft)
- Anti-reflective technology reducing eye fatigue
- Also available in a black finish
- Made of ALCOA 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

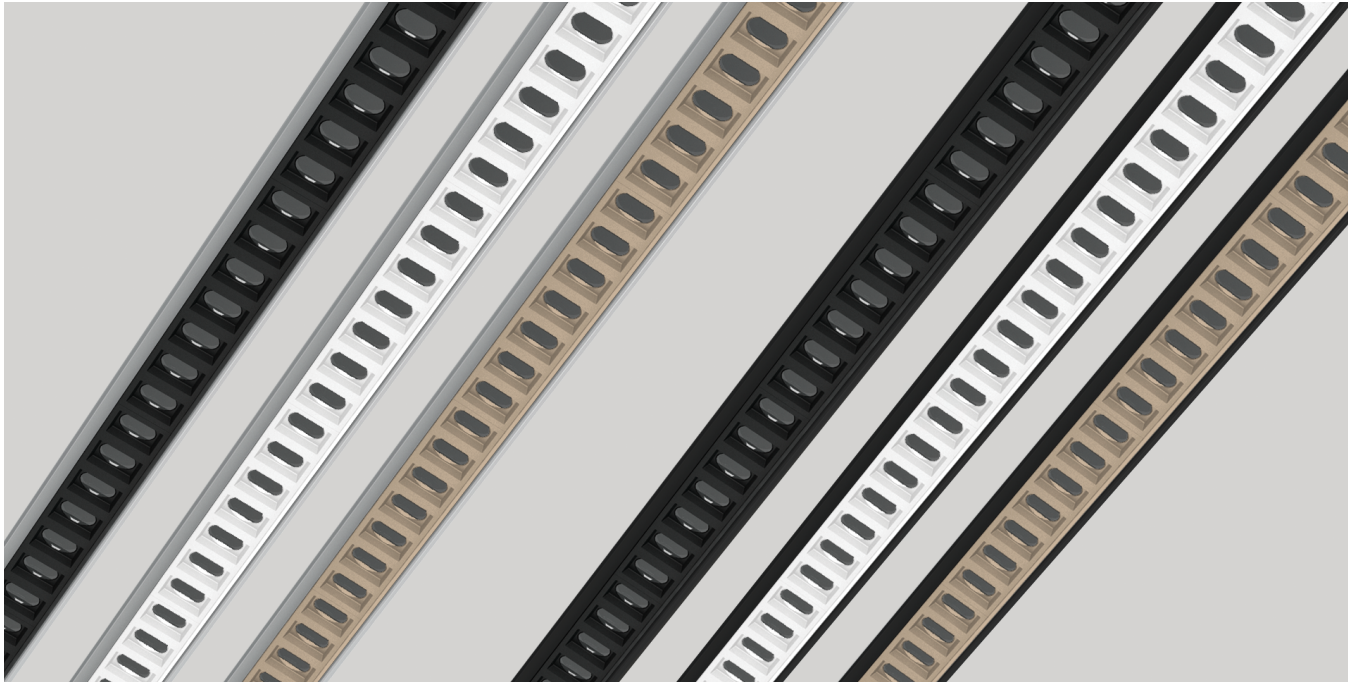
OPTIONS

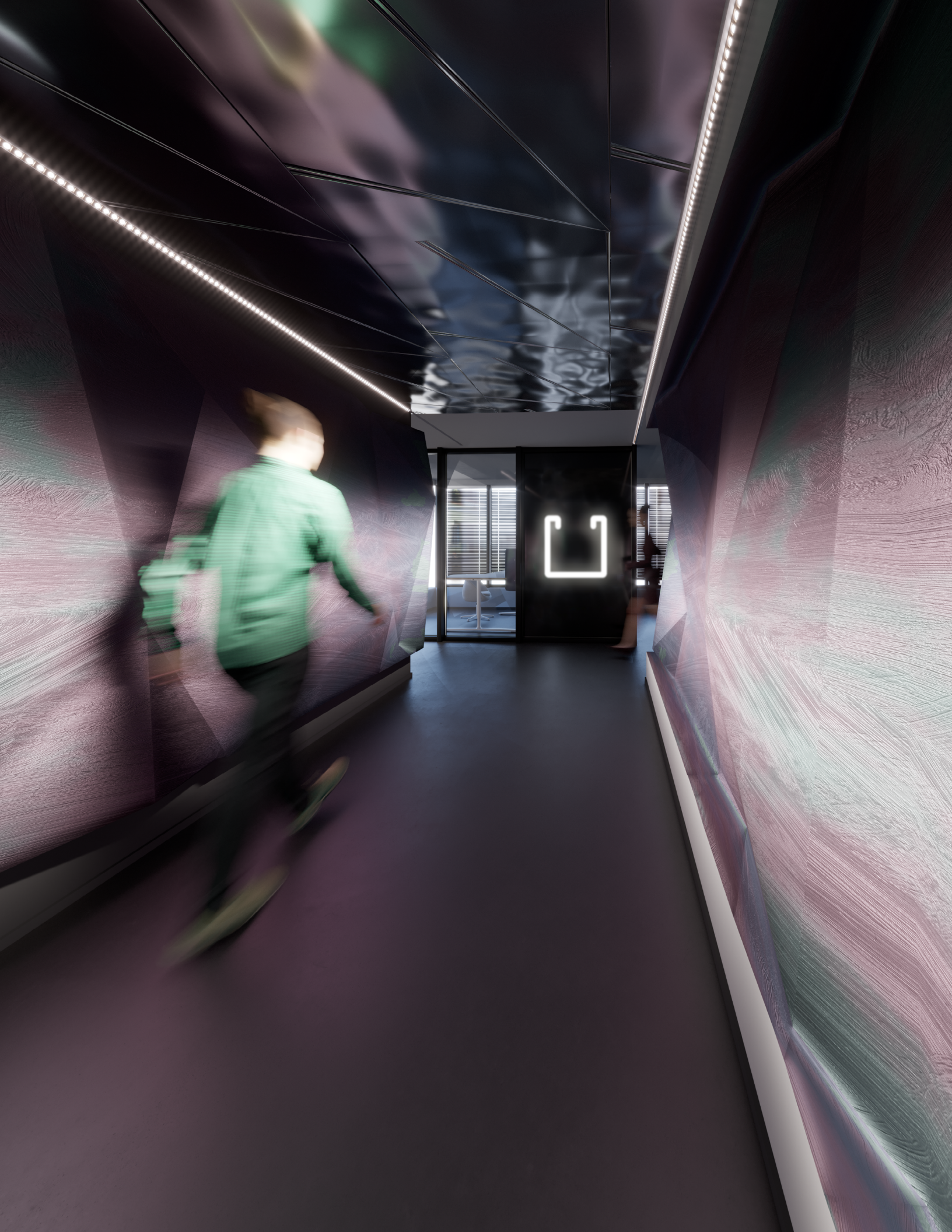




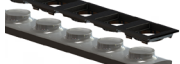
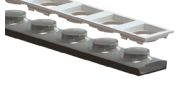
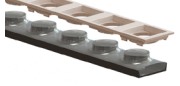


LINEAR WEIGHT

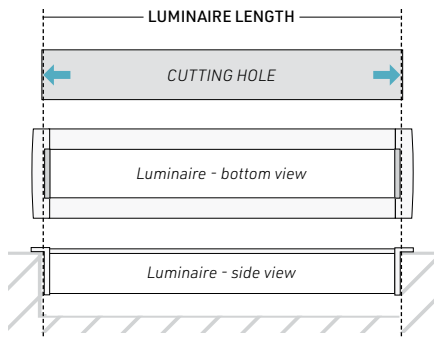
0.48 lbs/ft, 0.709 kg/m (without lens or insert)



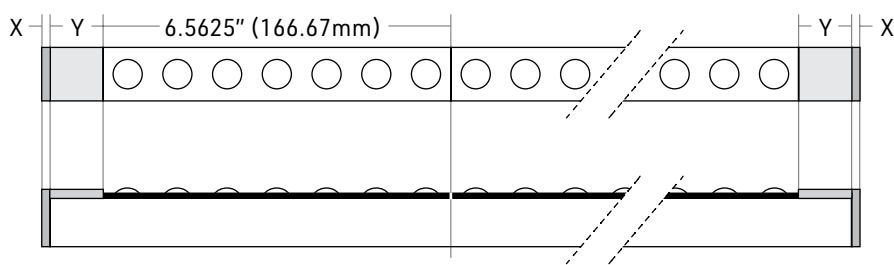




PROFILE	LENSES	MOUNTING HARDWARE	LENGTH / Cutting Hole Size																																																								
 <p>1590 - 1590 Profile, alu</p>  <p>1591 - 1590 Profile, black</p>	 <p>OPT1 - Optilux Black</p>  <p>OPT2 - Optilux white</p>  <p>OPT3 - Optilux Gold</p>	 <p>SP - Spring bracket</p>  <p>NO - No mounting hardware</p>	<p>Choose prespecified length</p> <table border="1"> <tr><td>7</td><td>-</td><td>6⁵/₁₆"</td><td>(6.889")</td></tr> <tr><td>14</td><td>-</td><td>13¹/₂"</td><td>(13.450")</td></tr> <tr><td>21</td><td>-</td><td>20¹/₁₆"</td><td>(20.012")</td></tr> <tr><td>28</td><td>-</td><td>26³/₁₆"</td><td>(26.574")</td></tr> <tr><td>35</td><td>-</td><td>33³/₁₆"</td><td>(33.136")</td></tr> <tr><td>42</td><td>-</td><td>39¹/₁₆"</td><td>(39.698")</td></tr> <tr><td>49</td><td>-</td><td>46³/₁₆"</td><td>(46.259")</td></tr> <tr><td>56</td><td>-</td><td>52⁷/₁₆"</td><td>(52.821")</td></tr> <tr><td>63</td><td>-</td><td>59¹/₁₆"</td><td>(59.383")</td></tr> <tr><td>70</td><td>-</td><td>66"</td><td>(65.945")</td></tr> <tr><td>77</td><td>-</td><td>72⁹/₁₆"</td><td>(72.507")</td></tr> <tr><td>84</td><td>-</td><td>79¹/₁₆"</td><td>(79.069")</td></tr> <tr><td>91</td><td>-</td><td>85¹/₁₆"</td><td>(85.630")</td></tr> <tr><td>98</td><td>-</td><td>92¹/₄"</td><td>(92.192")</td></tr> </table> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="border: 1px solid black; padding: 5px; text-align: center;"> 7 - Code / number of LEDs </div> <div style="border: 1px solid black; padding: 5px; text-align: center;"> 6¹⁵/₁₆ DAL round up / cutting hole </div> <div style="border: 1px solid black; padding: 5px; text-align: center;"> 6.889 DAL with blinds and end caps </div> </div> <p>NOTE: Blind covers will be added as necessary to accommodate electrical wiring or if the length indicated by the client is different from prespecified values in this column.</p> <p>To order custom length blind covers, please contact your representative.</p>	7	-	6 ⁵ / ₁₆ "	(6.889")	14	-	13 ¹ / ₂ "	(13.450")	21	-	20 ¹ / ₁₆ "	(20.012")	28	-	26 ³ / ₁₆ "	(26.574")	35	-	33 ³ / ₁₆ "	(33.136")	42	-	39 ¹ / ₁₆ "	(39.698")	49	-	46 ³ / ₁₆ "	(46.259")	56	-	52 ⁷ / ₁₆ "	(52.821")	63	-	59 ¹ / ₁₆ "	(59.383")	70	-	66"	(65.945")	77	-	72 ⁹ / ₁₆ "	(72.507")	84	-	79 ¹ / ₁₆ "	(79.069")	91	-	85 ¹ / ₁₆ "	(85.630")	98	-	92 ¹ / ₄ "	(92.192")
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



PROFILE	LENS	MOUNTING HARDWARE	LENGTH
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Parameters for 1 Optilux section:

Light sources:	7
Length:	6.5625" (166.67mm)
Power:	3W
Light output:	172.5 lm

Blind cover (Y): variable length
End cap (X): 4.15mm

COLOR TEMPERATURE	LUMEN PACKAGE/BEAM ANGLE*	LEAD IN	USAGE	POWER SUPPLY/CONTROL	*NOTES
 27 - 2700K  30 - 3000K  35 - 3500K  40 - 4000K	<p>OP1 - 378 LM / 5.5W FT / 95+CRI 30x30 Smooth spot</p> <p>OP2 - 345 LM / 5.5W FT / 95+CRI 45x10 Asymmetric **</p>	<p>HW3 - Hardwire 3 FT</p> <p>HW6 - Hardwire 6 FT</p> <p>HW9 - Hardwire 9 FT</p> <p>HWX - Hardwire custom FT</p>	<p>I - IP22 indoor dry location</p>	<p>A - Non-dimming</p> <p>B - ELV dimming 120V AC</p> <p>C - ELV dimming 120/277 VAC***</p> <p>D - 0/10V dimming 120/277 VAC</p> <p>F - DMX</p> <p>G - Lutron - HI-LUME PREMIER 0.1% Eco System 24V/96W</p> <p>I - Casambi CBU-A2D-0/10V- DALI-Bluetooth 100/277 VAC</p> <p>J - Casambi CBU-PWM4-4CH- Bluetooth 100/277 VAC</p> <p>K - Casambi CBU-TED-CV-Trail edge dim-Bluetooth 120 VAC</p> <p>NO - No driver</p>	<p>*The light output is provided in lumens per foot, for a CCT of 4000K.</p> <p>** Not available for the 4000K.</p> <p>*** Only available in 96W - 24V Driver.</p> <div style="border: 1px solid black; padding: 5px; text-align: center; width: fit-content; margin: 10px auto;"> TITLE 24 <small>REVISED</small> </div>