4-Point Ringlights

Features

- Four illumination spots are designed within the housing.
- Mounts directly to objective means of thumb screw.
- Housing made of rugged, black anodized aluminium.
- Fiber bundle protected with flexible metal PVC sheathing.

Benefit

- Illumination with reduced shadows, but still sufficient shadows for improved contrast.

<table>
<thead>
<tr>
<th>Cold light source**</th>
<th>Part No.</th>
<th>Type</th>
<th>Length (L)</th>
<th>Inner Ø (ID)</th>
<th>Outer Ø (OD)</th>
<th>Height (H)</th>
<th>Minimum working distance*</th>
<th>Active Ø branch (A)</th>
<th>Outer Ø Jacketing (b)</th>
<th>Light source adapter Ø (D)</th>
</tr>
</thead>
<tbody>
<tr>
<td>KL 1500 HAL</td>
<td>157 401</td>
<td>30 mm Ø</td>
<td>1000 mm 39.37&quot;</td>
<td>30 mm 1.18&quot;</td>
<td>58 mm 2.28&quot;</td>
<td>23 mm 0.91&quot;</td>
<td>12 mm 0.47&quot;</td>
<td>8 mm 0.32&quot;</td>
<td>14 mm 0.55&quot;</td>
<td>10 mm 0.39&quot;</td>
</tr>
<tr>
<td>KL 1600 LED</td>
<td>157 402</td>
<td>66 mm Ø</td>
<td>1000 mm 39.37&quot;</td>
<td>66 mm 2.60&quot;</td>
<td>94 mm 3.70&quot;</td>
<td>23 mm 0.91&quot;</td>
<td>25 mm 0.96&quot;</td>
<td>8 mm 0.32&quot;</td>
<td>14 mm 0.55&quot;</td>
<td>10 mm 0.39&quot;</td>
</tr>
</tbody>
</table>

* Ringlights usable in any working distance above given minimum values.
** and discontinued KL 1500 products (KL 1500 compact, KL 1500 LCD, KL 1500 LED, KL 1500 LED Plus)
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