

150W HID fixed focus and zoom profiles



26°, 36°, 50°  
& 25°- 50°

## Specifications

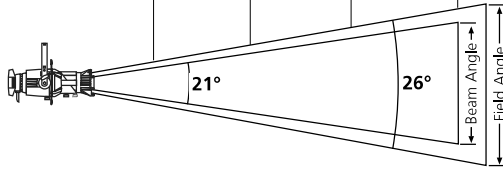
### Ellipsoidal High Intensity Discharge luminaires

- |   |   |
|---|---|
| <p><b>Physical</b></p> <ul style="list-style-type: none"><li>• Yoke mounted electronic ballast</li><li>• Die cast aluminium construction</li><li>• Stainless steel shutters</li><li>• Integral die cast colour frame / accessory holders and top mounted retainer</li><li>• Steel yoke with two mounting positions</li><li>• Positive locking, hand-operated yoke clutch</li><li>• Slot for stainless steel gobos</li><li>• Slot with sliding cover for motorised gobo devices or optional iris</li></ul> | <p><b>Optical</b></p> <ul style="list-style-type: none"><li>• Precision moulded borosilicate ellipsoidal reflector with aspheric lens and multi-layer dichroic coating</li><li>• 95% of visible light transmitted through the optical train</li><li>• 90% of infrared radiation (heat) passes through the reflector</li><li>• Reflector and lens(es) secured with anti-vibration shock mounts</li><li>• Tool free lamp centring (X/Y) and peak/flat (Z) adjustment knobs</li><li>• Positive locking X, Y and Z adjustments, unaffected by relamping</li><li>• Interchangeable lens assembly kits permit selection of 26°, 36°, and 50° field angles</li></ul> |
| <p><b>Electrical</b></p> <ul style="list-style-type: none"><li>• 230-240V, 50Hz</li><li>• 150W electronic ballast</li><li>• 0.74 Amp operating current</li><li>• &lt; 14 Amps inrush current</li><li>• Power Factor &gt; than 95%</li><li>• Ballast efficiency 90%</li><li>• High temperature 3-conductor cable in a silicon rubber outer sleeve</li><li>• CE approved</li></ul>  |   |
| <p><b>Lamp</b></p> <ul style="list-style-type: none"><li>• 150 W Ceramic Metal Halide</li><li>• Shipping with Philips 150W Mastercolor™ CDM lightsource 3000°K colour temperature 12,000 H CRI-85 (Optional 4000°K colour temperature lamp available)</li></ul>   |   |

Photometric Data

Source Four HID jr

<b>26°</b>	Distance (m)	7.0	10.0	12.0	15.0
	Field Diameter (m)	2.9	4.2	5.0	6.3
	Illumination (lux)	767	376	261	167

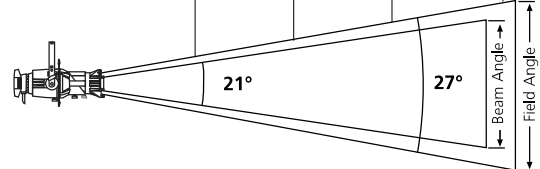


For Field diameter at any distance, multiply distance by 0.46  
 For Beam diameter at any distance, multiply distance by 0.37

Voltage	Candlepower	Field Lumens	Efficacy LPW	Efficiency %
230	37,600	3,470	23.1	25.7

Source Four HID jr Zoom

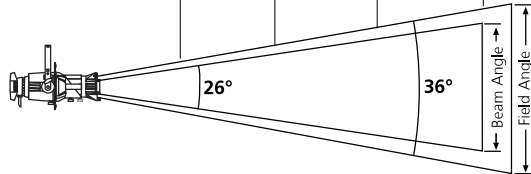
<b>25°</b>	Distance (m)	7.0	9.0	11.0	13.0
	Field Diameter (m)	3.3	4.2	5.1	6.1
	Illumination (lux)	588	356	238	170



For Field diameter at any distance, multiply distance by 0.50  
 For Beam diameter at any distance, multiply distance by 0.40

Voltage	Candlepower	Field Lumens	Efficacy LPW	Efficiency %
230	28,800	3,270	21.8	24.2

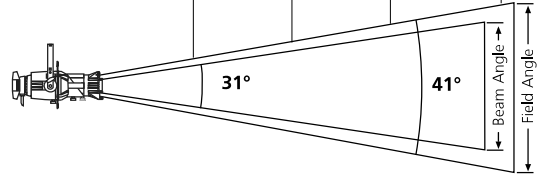
<b>36°</b>	Distance (m)	5.0	7.0	9.0	11.0
	Field Diameter (m)	2.9	4.0	5.2	6.4
	Illumination (lux)	616	314	190	127



For Field diameter at any distance, multiply distance by 0.73  
 For Beam diameter at any distance, multiply distance by 0.58

Voltage	Candlepower	Field Lumens	Efficacy LPW	Efficiency %
230	15,400	3,580	23.9	26.5

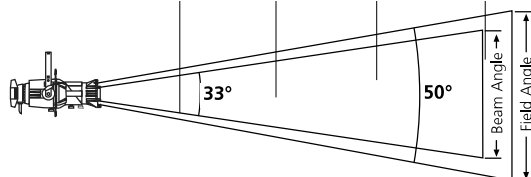
<b>36°</b>	Distance (m)	4.5	6.0	8.0	9.0
	Field Diameter (m)	3.0	4.0	5.3	5.9
	Illumination (lux)	1753	986	555	438



For Field diameter at any distance, multiply distance by 0.65  
 For Beam diameter at any distance, multiply distance by 0.48

Voltage	Candlepower	Field Lumens	Efficacy LPW	Efficiency %
230	19,000	3,360	22.4	24.9

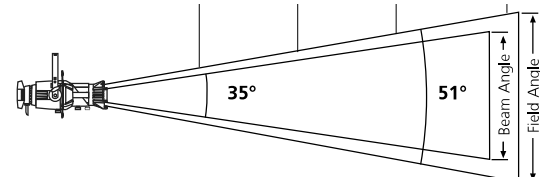
<b>50°</b>	Distance (m)	3.0	4.5	5.5	6.5
	Field Diameter (m)	2.8	4.2	5.1	6.0
	Illumination (lux)	1011	449	301	215



For Field diameter at any distance, multiply distance by 0.96  
 For Beam diameter at any distance, multiply distance by 0.71

Voltage	Candlepower	Field Lumens	Efficacy LPW	Efficiency %
230	9,100	3,550	23.7	26.3

<b>50°</b>	Distance (m)	3.0	4.5	5.5	6.5
	Field Diameter (m)	2.8	4.1	5.0	6.0
	Illumination (lux)	893	397	266	190



For Field diameter at any distance, multiply distance by 0.97  
 For Beam diameter at any distance, multiply distance by 0.72

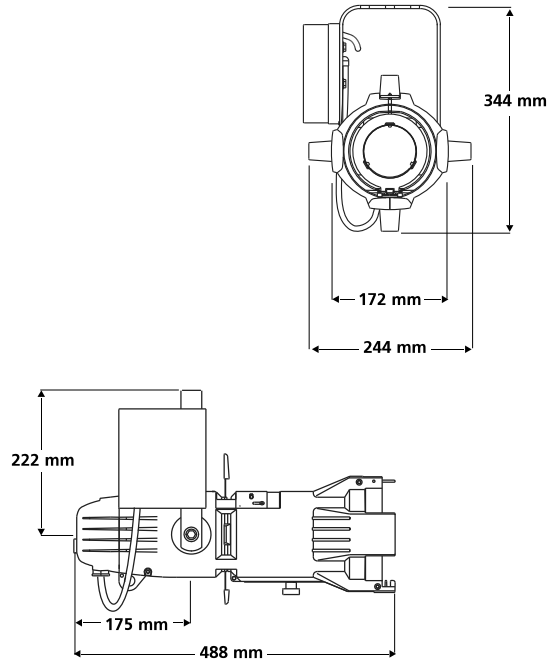
Voltage	Candlepower	Field Lumens	Efficacy LPW	Efficiency %
230	8,040	3,180	21.2	23.6

All photometric data in this document was prepared using standard production luminaires, and the Prometric™ CCD measurement system. Luminaires were adjusted for cosine distribution, and were tested with a calibrated Philips 150W MasterColor™ CDM Ceramic Metal Halide, 3000°K Colour Temperature, 12,000 hour lamp at rated voltage. All data were normalised to nominal lamp lumens.

To determine illumination in footcandles or lux at any throw distance, divide candlepower by distance squared.

# Source Four™ HID junior

## Physical



## Source Four Weights\*

	Luminaire Weight kg	Packed Weight kg	Packed Dimensions mm
26°,36°,50°	6.8	10.9	290 x 290 x 650
25° - 50° Zoom	6.8	10.9	290 x 290 x 650

## Ordering information

### Source Four HID jr and Source Four HID jr Zoom

Part No	Description
7062A1216-OX	26° Source Four HID jr (black)
7062A1217-OX	36° Source Four HID jr (black)
7062A1218-OX	50° Source Four HID jr (black)
7062A1219-OX	Source Four jr HID Zoom (black)

7062A\*\*\*\*-1 For white please add -1 to the end of any of the part numbers shown above

ETC Source Four HID jrs and ETC Source Four HID jr Zooms are supplied with colour frame, 150W lamp and cable to bare ends as standard

### Source Four HID jr and Source Four jr HID Zoom Accessories

Part No	Description
7062A2201	Source Four jr 26° lens assembly
7062A2203	Source Four jr 36° lens assembly
7062A2204	Source Four jr 50° lens assembly
7062A1010	Metal gobo holder, M size
7060A1010-1	Glass gobo holder, M size
7062A1011	Drop-in iris
7060A3043	Colour frame 159 x 159mm (included)
7060A1015	Donut 159 x 159mm
PSF1021	Top hat 159 x 159 x 127mm (not recommended for 50°)

### Optional Mounting Accessory

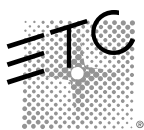
Part No	Description
7060K1002	Canopy mounting kit

**Note:** For colours other than black or white and for the full range of Source Four accessories available please contact ETC Europe or your local dealer

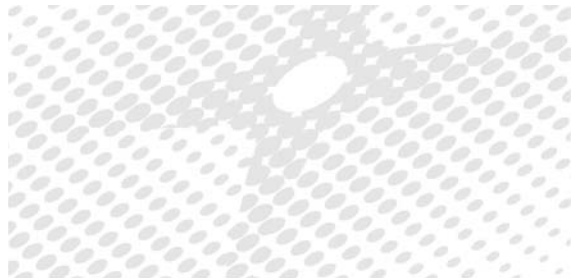
Lamp code	Watts	Volts	Initial Lumens	Colour Temp.	Average Rated Life (hours)	CRI
CDM Mastercolor 150*	96	14,000	3,000°K	12,000	85	
CDM Mastercolor 150	96	12,000	4,000°K	6,000	96	

\*Supplied with the luminaire

# Source Four™ HID junior



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