

ETC Source Four LED Series 2



19°, 26°, 36° & 50°



5° & 10°

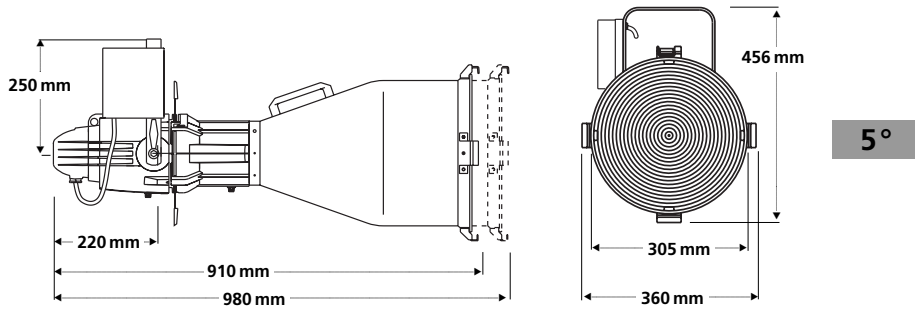
Specifications

Ellipsoidal luminaire

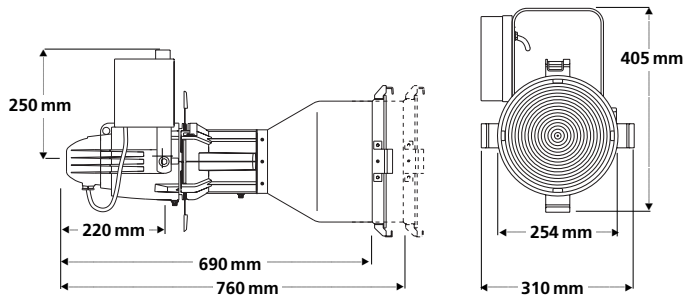
- Physical**
- Yoke mounted electronic ballast
 - Die cast aluminium construction
 - Rotating shutter assembly $\pm 25^\circ$
 - Stainless steel shutters in tri-plane assembly
 - Interchangeable lens tubes with smooth-running teflon guides
 - Thermally insulated rear handle and knobs
 - Integral die cast colour frame / accessory holders and top mounted retainer
 - Steel yoke with two mounting positions
 - Positive locking single clutch luminaire body, double clutch for 5°
 - Slot for glass or stainless steel gobos
 - Slot with sliding cover for motorised gobo devices or optional iris
 - Integrated safety cable support
- Electrical**
- 230-240V, 50Hz
 - 150W electronic ballast
 - 0.74 Amp operating current
 - < 14 Amps inrush current
 - Power Factor > than 95%
 - Ballast efficiency 90%
 - High temperature 3-conductor cable in a silicon rubber outer sleeve
 - CE approved
- Lamp**
- 150 W Ceramic Metal Halide
 - Shipping with Philips 150W Mastercolor™ CDM lightsource 3000°K colour temperature 12,000 H CRI-85 (Optional 4000°K colour temperature lamp available)
- Optical**
- 19°, 26°, 50° - projector-quality, high contrast aspheric lens. 36° - meniscus front lens and bi-convex rear lens
 - 5° and 10° - light weight acrylic fresnel lens
 - Faceted reflector with dichroic coating
 - 95% of visible light transmitted through the optical train
 - 90% of infrared radiation (heat) passes through the reflector
 - Reflector and lenses secured with anti-vibration shock mounts
 - Low gate and beam temperature, shutters will not warp or distort
 - Tool free lamp centring (X/Y) and peak/flat (Z) adjustment knobs
 - Positive locking X, Y and Z adjustments
 - Beam edge continually adjustable
 - Interchangeable lens tubes permit selection of 5°, 10°, 19°, 26°, 36°, and 50° field angles

Source Four™ HID Fixed Focus

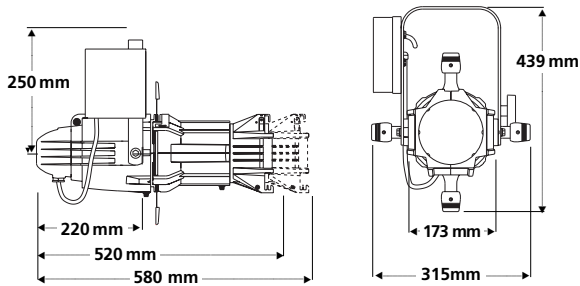
Physical



10°



19°, 26°, 36° & 50°



Source Four Weights*

	Luminaire Weight kg	Packed Weight kg	Packed Dimensions mm
5°	10.50	14.2	390 x 390 x 1060
10°	8.7	12.2	390 x 390 x 850
19°, 26°, 36°, 50°	8.2	10.4	290 x 290 x 650

*Weights and dimensions approximate

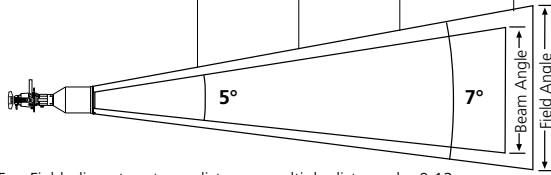
Lamp code	Watts	Volts	Initial Lumens	Colour Temp.	Average Rated Life (hours)	CRI
CDM Mastercolor 150*	96	96	13,500	3,000°	9,000	85
CDM Mastercolor 150	96	96	12,000	3,000°	4,000	96

*Supplied with the luminaire

Source Four™ HID Fixed Focus

Photometric Data

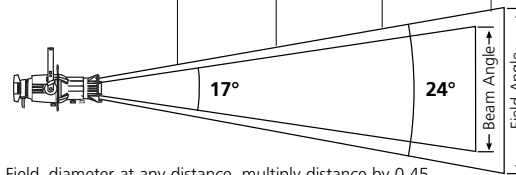
5°	Distance (m)	25.0	35.0	40.0	50.0
	Field Diameter (m)	3.0	4.2	4.8	6.0
	Illumination (lux)	834	425	326	208



For Field diameter at any distance, multiply distance by 0.12
For Beam diameter at any distance, multiply distance by 0.11

Voltage	Candlepower	Field Lumens	Efficacy LPW	Efficiency %
230	521,000	3,8700	25.8	28.7

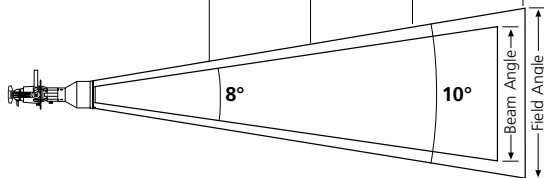
26°	Distance (m)	7.0	10.0	12.0	15.0
	Field Diameter (m)	2.9	4.2	5.0	6.3
	Illumination (lux)	1249	612	425	272



For Field diameter at any distance, multiply distance by 0.45
For Beam diameter at any distance, multiply distance by 0.33

Voltage	Candlepower	Field Lumens	Efficacy LPW	Efficiency %
230	61,200	4,860	32.4	36.0

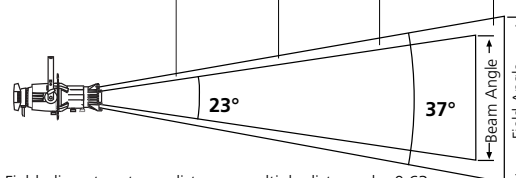
10°	Distance (m)	16.0	22.0	28.0	34.0
	Field Diameter (m)	3.0	4.2	5.3	6.5
	Illumination (lux)	1113	589	364	247



For Field diameter at any distance, multiply distance by 0.19
For Beam diameter at any distance, multiply distance by 0.16

Voltage	Candlepower	Field Lumens	Efficacy LPW	Efficiency %
230	285,000	4,600	30.7	34.1

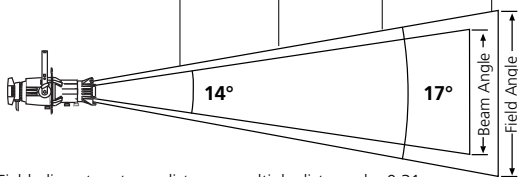
36°	Distance (m)	5.0	7.0	9.0	11.0
	Field Diameter (m)	2.9	4.0	5.2	6.4
	Illumination (lux)	1300	663	401	269



For Field diameter at any distance, multiply distance by 0.63
For Beam diameter at any distance, multiply distance by 0.45

Voltage	Candlepower	Field Lumens	Efficacy LPW	Efficiency %
230	32,500	5,210	34.0	37.8

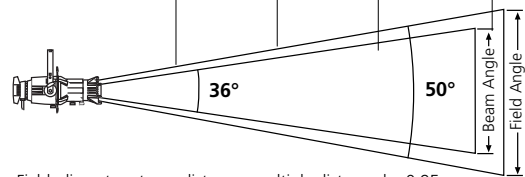
19°	Distance (m)	10.0	13.0	16.0	20.0
	Field Diameter (m)	3.1	4.3	5.0	6.2
	Illumination (lux)	1000	592	391	250



For Field diameter at any distance, multiply distance by 0.31
For Beam diameter at any distance, multiply distance by 0.27

Voltage	Candlepower	Field Lumens	Efficacy LPW	Efficiency %
230	100,000	4,510	30.1	33.4

50°	Distance (m)	3.0	4.5	5.5	6.5
	Field Diameter (m)	2.8	4.2	5.1	6.0
	Illumination (lux)	1867	830	555	398



For Field diameter at any distance, multiply distance by 0.95
For Beam diameter at any distance, multiply distance by 0.60

Voltage	Candlepower	Field Lumens	Efficacy LPW	Efficiency %
230	16,800	5,4300	36.2	40.2

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 was normalised to nominal lamp lumens.

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

Source Four™ HID Fixed Focus

Ordering information

Source Four

Part No	Description
7060A1205-OX	5° Source Four HID (black)
7060A1206-OX	10° Source Four HID (black)
7060A1207-OX	19° Source Four HID (black)
7060A1208-OX	26° Source Four HID (black)
7060A1209-OX	36° Source Four HID (black)
7060A1210-OX	50° Source Four HID (black)

7060A***-1 For white please add -1 to the end of the part number

ETC Source Fours HID are supplied with colour frame, 150W lamp and cable to bare ends as standard.

Source Four Accessories

Part No	Description
7060A2000	5° Lens tube
7060A2001	10° Lens tube
7060A2202	19° Lens tube
7060A2203	26° Lens tube
7060A2204	36° Lens tube
7060A2205	50° Lens tube
7060A1074	Gobo holder A-size, Metal *
7060A1074-1	Gobo holder A-size, Glass *
7060A1075	Gobo holder B-size, Metal
7060A1075-1	Gobo holder B-size, Glass
7060A1022	Safety cable 800mm
7060A1012	Drop-in iris
7060A3043	Colour frame 159 x 159 mm (included) 19°- 50°
7060A3069	Colour frame 305 x 305mm (included) 10°
7060A3070	Colour frame 356 x 356mm (included) 5°
7060A1015	Donut 159 x 159mm 19°- 50°
7060A1028	Donut 305 x 305mm 10°
7060A1029	Donut 356 x 356mm 5°
PSF1021	Top hat 159 x 159 x 127mm (not rec for 50°)
PSF1020	Colour extender 159 x 159 x 76mm
7060A1223	Source Four Luminaire body, single clutch
7060A1230	Source Four Luminaire body, double clutch

*Fits in Iris slot

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