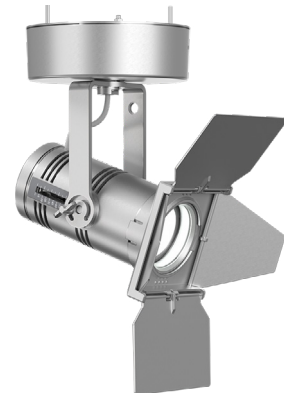




220 – 240V

Architectural Series



GENERAL INFORMATION

The Irideon WLZ is an LED wash light with zoom optics that provide the highest quality beam from spot to full flood, making it ideal for museums, lobbies, retail stores and more. A range of colour temperature options from 3000K to 5000K make the WLZ well suited for any application, while track, canopy and portable mounting options provide the flexibility to meet any installation needs. The soft beam output supports an optional barn-door and provides high-performance dimming utilising an on-board dimmer or DMX control; canopy versions also support 0-10V or DALI.

APPLICATIONS

- Museums
- Retail stores
- Restaurants
- Hospitality/Lobbies
- Theatres

FEATURES

- Rugged fixture body
- 9-78 degree zoom optics
- Uniquely efficient optical system
- Integrated media holder
- Built-in intensity trim (with DMX only), DALI or 0-10V control
- Dimming to less than 1% of maximum output
- Available in black, white and silver grey.
 - Custom paint colours available; contact ETC for details

ORDERING INFORMATION

PART NO.	DESCRIPTION
7192A1231	Irideon WLZ Wash light, trackmount, 9°-78°, black, 3000K, 80+ CRI
7192A1221	Irideon WLZ Gallery Wash light, trackmount, 9°-78°, black, 3000K, 90+ CRI
7192A1241	Irideon WLZ Wash light, trackmount, 9°-78°, black, 4000K, 80+ CRI
7192A1251	Irideon WLZ Wash light, trackmount, 9°-78°, black, 5000K, 80+ CRI
7192A1230	Irideon WLZ Wash light, Portable, 9°-78°, black, 3000K, 80+ CRI, Schuko/NF connector
7192A1220	Irideon WLZ Gallery Wash light, Portable, 9°-78°, black, 3000K, 90+ CRI, Schuko/NF connector
7192A1240	Irideon WLZ Wash light, Portable, 9°-78°, black, 4000K, 80+ CRI, Schuko/NF connector,
7192A1250	Irideon WLZ Wash light, Portable, 9°-78°, black, 5000K, 80+ CRI, Schuko/NF connector,
7192A1232	Irideon WLZ Wash Light, Portable, 9°-78°, black, 3000K, 80+ CRI, UK 13A connector,
7192A1222	Irideon WLZ Gallery Wash light, Portable, 9°-78°, black, 3000K, 90+ CRI, UK 13A connector
7192A1242	Irideon WLZ Wash light, Portable, 9°-78°, black, 4000K, 80+ CRI, UK 13A connector
7192A1252	Irideon WLZ Wash light, Portable, 9°-78°, black, 5000K, 80+ CRI, UK 13A connector



SPECIFICATIONS

PHYSICAL

- A380 grade, die-cast aluminium construction
- Finished in fine-texture, high-temperature, powder-coat paint
- Durable steel yoke
- Tool-free tilt and zoom adjustments
- High-impact resistant, thermally insulated knobs and shutter handles
- Magnetically held media holder accepts gel and dichroics up to 1.75mm thick
- Optional barn door accessory available
- IP20 rated
- Track mount version:
 - Compatible with 3-circuit Eutrac with data (230V version)
 - Colour-matched track adapter with fully integrated driver
 - DMX control with integrated manual dimmer/ high-end trim adjustment
- Portable versions:
 - 1.8m power cable with Schuko/NF and UK 13A plug options
 - DMX in and thru via RJ45 connections driver enclosure
 - DMX control with integrated manual dimmer/ high-end trim adjustment
- Canopy version:
 - Colour-matched canopy fully enclose driver and control electronics
 - Control options for DMX with on-board manual dimmer/ high end trim, 0-10V or DALI
 - DMX version ships with required voltage barrier and termination kit

SOURCE

- Cree® XLamp® MT-G2 EasyWhite LED
 - 3000K: 80+ CRI
 - 3000K Gallery: 90+ CRI
 - 4000K: 80+ CRI
 - 5000K: 80+ CRI
- 35,000 hours L70 lumen maintenance

OPTICAL

- 9-78 degree zoom optics
- Intuitive twist-to-zoom mechanism
- Soft edge beam support optional barn door for shaping

ELECTRICAL

- Power consumption at full intensity: 20W typical, 24W Max
- Compliant with ANSI DMX and Remote Device Management (RDM) standards
 - ANSI E1.11-2008, ANSI E1.20-2010
- Inrush (first half-cycle) with DMX control
 - 240V: 24A
- Inrush (first half-cycle) with-10V or DALI control
 - 240V: 5A

THERMAL

- Ambient operating temperature range:
- 0°C to 40°C

REGULATORY

- CE compliant)

ORDERING INFORMATION, CONT.

PART NO.	DESCRIPTION
7192A1233	Irideon WLZ Wash light, Canopy, 9°-78°, black, 3000K, 80+ CRI, DALI control.,
7192A1223	Irideon WLZ Gallery Wash light, Canopy, 9°-78°, black, 3000K, 90+ CRI, DALI control,
7192A1244	Irideon WLZ Wash Light, Canopy, 9°-78°, black, 4000K, 80+ CRI, DALI control,
7192A1254	Irideon WLZ Wash light, Canopy, 9°-78°, black, 5000K, 80+ CRI, DALI control
7192A1234	Irideon WLZ Wash light, Canopy, 9°-78°, black, 3000K, 80+ CRI, 0-10V control
7192A1224	Irideon WLZ Gallery Wash light, Canopy, 9°-78°, black, 3000K, 90+ CRI, 0-10V control.
7192A1244	Irideon WLZ Wash light, Canopy, 9°-78°, black, 4000K, 80+ CRI, 0-10V control
7192A1254	Irideon WLZ Wash light, Canopy, 9°-78°, black, 5000K, 80+ CRI, 0-10V control
7192A1235	Irideon WLZ Wash light, Canopy, 9°-78°, black, 3000K, 80+ CRI, DMX control
7192A1225	Irideon WLZ Gallery Wash light, Canopy, 9°-78°, black, 3000K, 90+ CRI, DMX control
7192A1245	Irideon WLZ Wash light, Canopy, 9°-78°, black, 4000K, 80+ CRI, DMX control
7192A1255	Irideon WLZ Wash light, Canopy, 9°-78°, black, 5000K, 80+ CRI, DMX control

Accessories

PART NO	DESCRIPTION
7192A2005	Irideon WLZ Barn Door, black

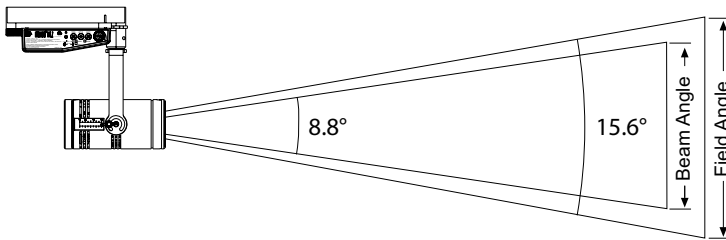
NOTE: For white colour use extension -1, for silver grey -5.
For custom colours please contact ETC.

PHOTOMETRY

Narrow Focus

Mode	Focus	Candela	Field Lumens	Beam Lumens	Power Consumption	Efficacy (lpw)
3000K / 90 CRI	Narrow	14,050	311	171	19.5	15.9
3000K / 80 CRI	Narrow	18,150	410	230	19.5	21.0
4000K / 80 CRI	Narrow	19,900	447	251	19.5	22.9
5000K / 80 CRI	Narrow	19,240	436	241	19.7	22.1

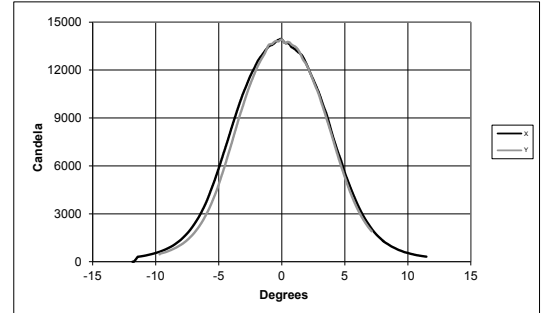
Metric conversions: For meters, multiply feet by 0.3048
For lux, multiply footcandles by 10.76



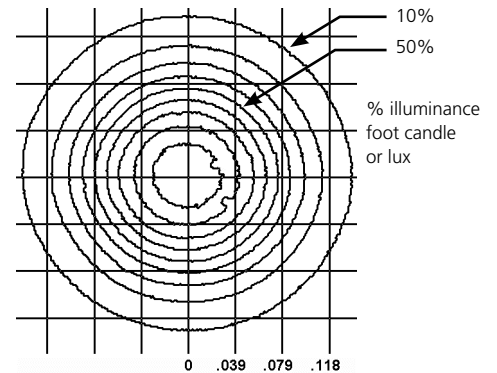
Throw Distance (d)	10ft	15ft	20ft	30ft
	3.0m	4.6m	6.1m	9.1m
Field Diameter	2.7ft	4.1ft	5.5ft	8.2ft
	0.8m	1.3m	1.7m	2.5m
Illuminance (fc)	182	81	45	20
Illuminance (lux)	1,954	868	488	217

For field diameter at any distance, multiply distance by 0.74
For beam diameter at any distance, multiply by 0.154

Candela Plot



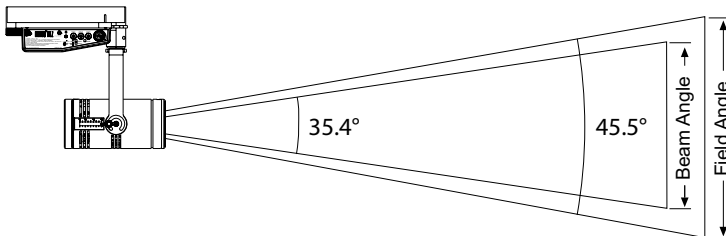
Iso-Illuminance Diagram (Flat Surface Distribution)



Mid Focus

Mode	Focus	Candela	Field Lumens	Beam Lumens	Power Consumption	Efficacy (lpw)
3000K / 90 CRI	Mid	2,310	649	506	19.5	33.3
3000K / 80 CRI	Mid	2,980	832	644	19.5	42.7
4000K / 80 CRI	Mid	3,270	912	718	19.5	46.8
5000K / 80 CRI	Mid	3,160	912	718	19.7	46.3

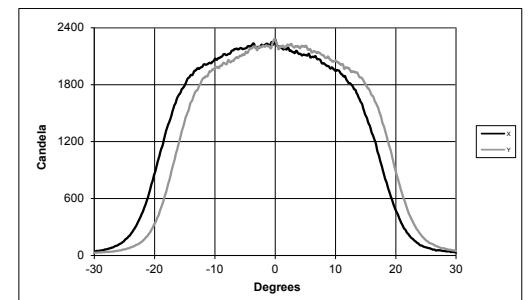
Metric Conversions: For meters, multiply feet by 0.3048
For lux, multiply footcandles by 10.76



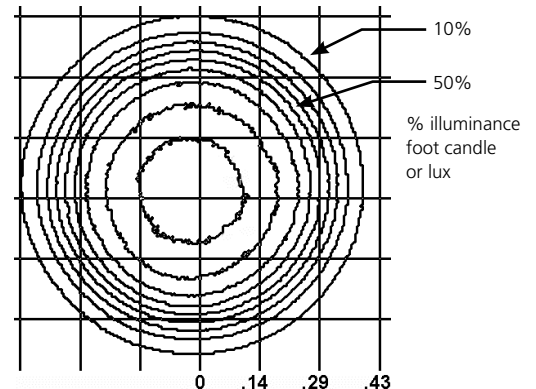
Throw Distance (d)	10ft	15ft	20ft	30ft
	3.0m	4.6m	6.1m	9.1m
Field Diameter	8.4ft	12.6ft	16.8ft	25.2ft
	2.6m	3.8m	5.1m	7.7m
Illuminance (fc)	30	13	7	3
Illuminance (lux)	321	143	80	36

For field diameter at any distance, multiply distance by 0.39
For beam diameter at any distance, multiply by 0.38

Candela Plot



Iso-Illuminance Diagram (Flat Surface Distribution)

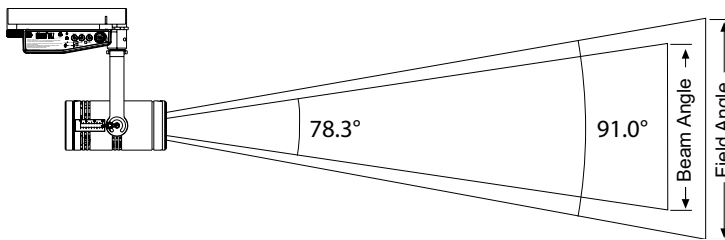


PHOTOMETRY

Wide Focus

Mode	Focus	Candela	Field Lumens	Beam Lumens	Power Consumption	Efficacy (lpw)
3000K / 90 CRI	Wide	774	906	666	19.5	46.5
3000K / 80 CRI	Wide	911	1,161	848	19.5	59.5
4000K / 80 CRI	Wide	1,080	1,272	946	19.5	65.2
5000K / 80 CRI	Wide	1,080	1,273	946	19.7	64.6

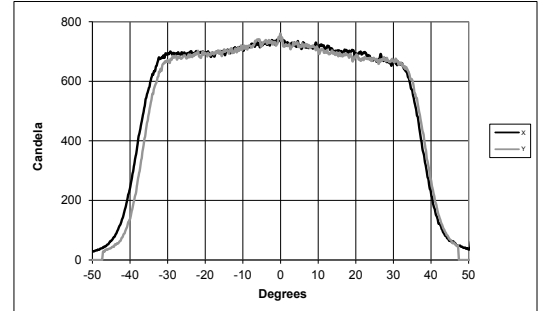
Metric conversions: For meters, multiply feet by 0.3048
For lux, multiply footcandles by 10.76



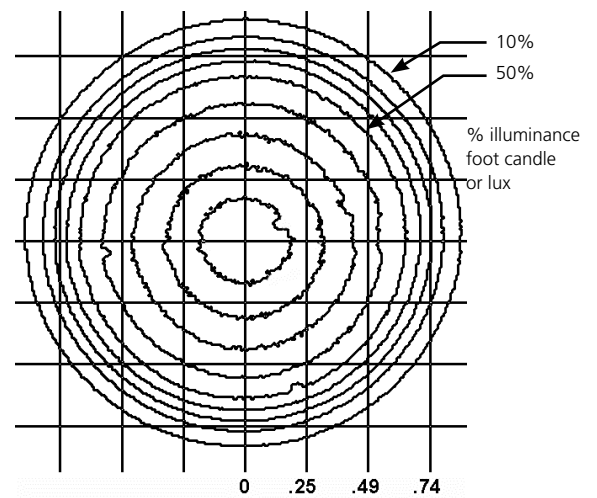
Throw Distance (d)	10ft	15ft	20ft	30ft
	3.0m	4.6m	6.1m	9.1m
Field Diameter	20.4ft 6.2m	30.5ft 9.3m	40.7ft 12.4m	61.1ft 18.6m
Illuminance (fc)	9	4	2	1
Illuminance (lux)	98	44	25	10.76

For field diameter at any distance, multiply distance by 2.035
For beam diameter at any distance, multiply by 1.628

Candela Plot



Iso-Illuminance Diagram
(Flat Surface Distribution)



PHYSICAL

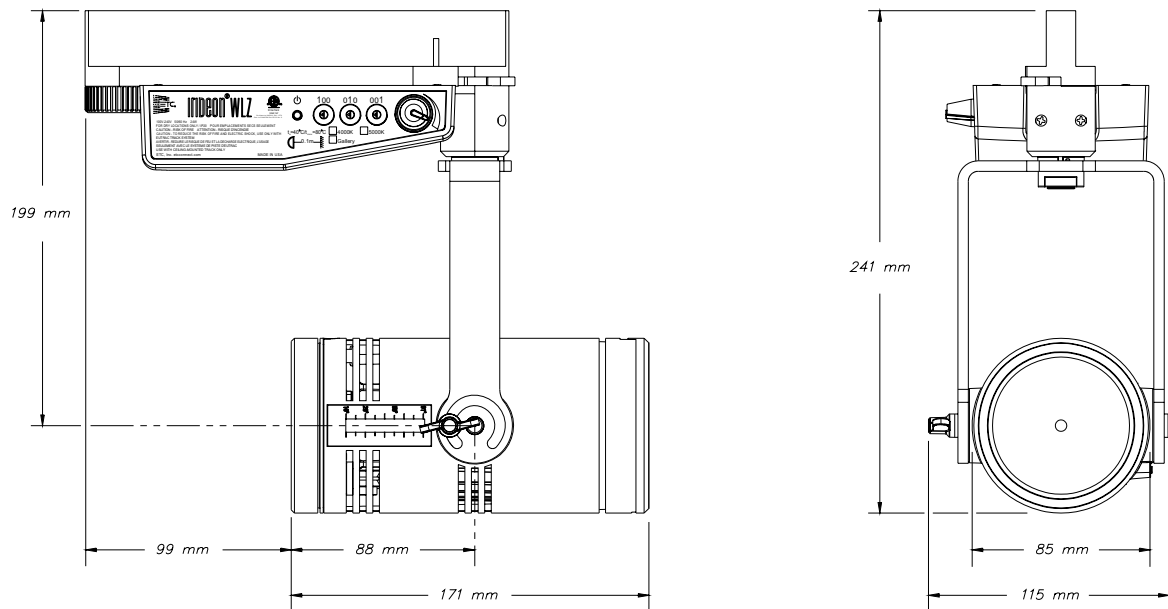
WLZ Dimensions

	HEIGHT	WIDTH	DEPTH
	mm	mm	mm
Track Mount	281	132	358
Portable	346	132	283
Canopy	264	132	283

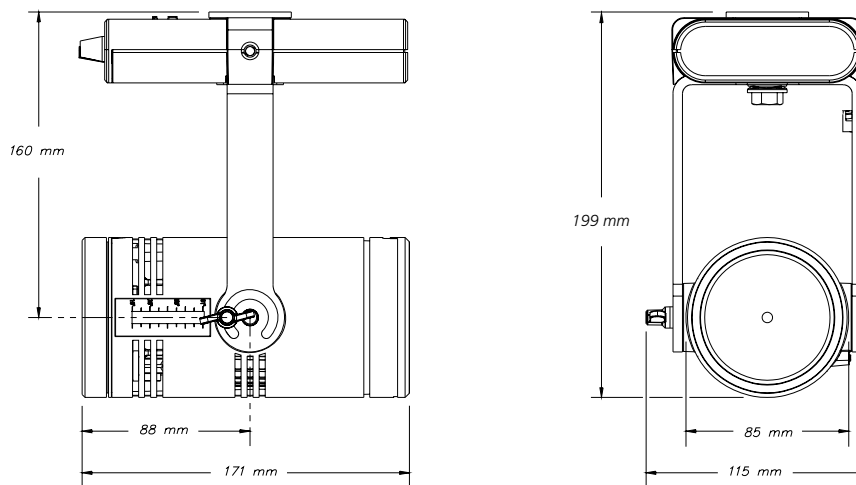
WLZ Weights

	WEIGHT	SHIPPING WEIGHT
	kgs	kgs
Track Mount	1.9	2.8
Portable	2.6	3.4
Canopy	2.6	3.7

IRIDEON WLZ TRACK MOUNT

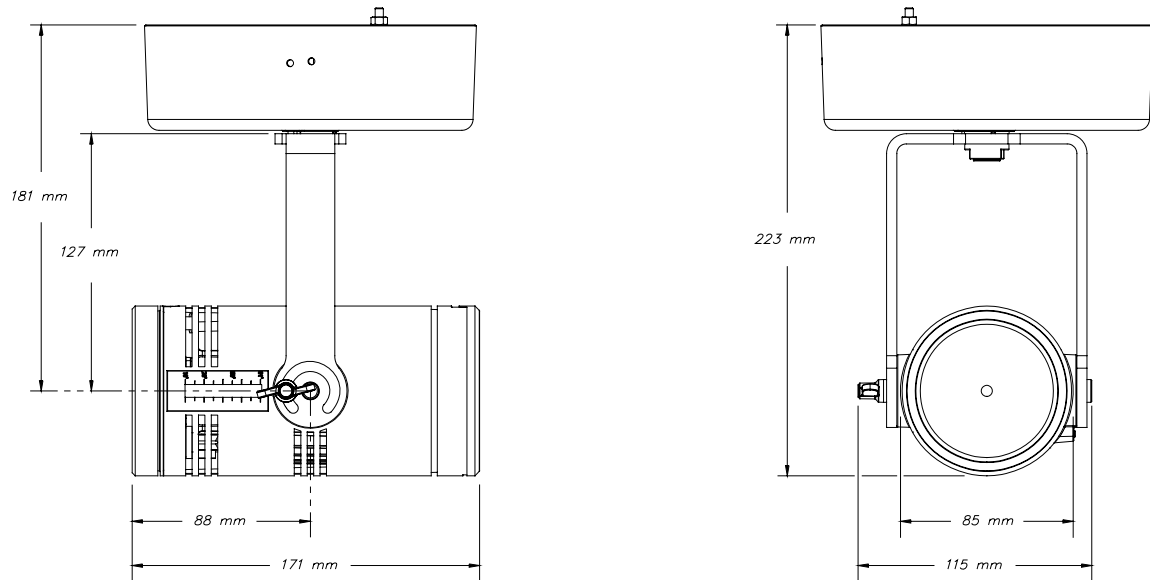


IRIDEON WLZ PORTABLE



PHYSICAL

IRIDEON WLZ CANOPY



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