MT-150 30/42 TRUE1

150W multi-color Fresnel light, with manual zoom and high CRI

SPECIFICATION SHEET





The MT-150 30/42 TRUE1 is a 150W wash fresnel fixture that delivers an impressive output of >50.000 lx at 3000K and >60.000 lx at 4200K, and features a high color rendering index (CRI) exceeding 97. This fixture includes manual zoom capability, allowing for beam angle adjustments between 20° and 40°. Additionally, it offers a convenient switch for selecting color temperatures of either 3000 kelvin or 4200 kelvin.
Designed for acoustically sensitive environments such as exhibitions and studios, the MT-150 30/42 TRUE1 operates silently without fans. It is equipped with our innovative DVT LIGHT technology, ensuring 100% flicker-free operation and eliminating the need for frequency adjustment. Its compact aluminum housing and lightweight design of just 6.4 kg (14.10 Lbs) further enhance its versatility for various applications.

KEY FEATURES

- 3000K / 4200K colour temperature
- >50.000 lx / >60.000 lx
- Beam angle range: 20° - 40°
- High CRI (>97)
- Manual zoom
- 100% Flicker free - no need for frequency adjustment
- No coil whining - Ideal for acoustically sensitive installations
- No fans
- Durable aluminum housing
- Compact design
- 6.4 kg (14.10 Lbs)

TECHNICAL SPECIFICATIONS

CONTROL AND PROGRAMMING

Intensity:	Not applicable - On/Off operation only
Control Protocol:	Not applicable - No DMX or advanced control
Control Interface:	Simple switch for selecting between 3000K and 4200K

PHOTOMETRIC

Light Intensity @ 1 mtr (3,3ft) @ 3000K (narrow)	50.035 lx
Light Intensity @ 1 mtr (3,3ft) @ 3000K (wide)	20.446 lx
Light Intensity @ 1 mtr (3,3ft) @ 4200K (narrow)	60.666 lx
Light Intensity @ 1 mtr (3,3ft) @ 4200K (wide)¨	22.659 lx
Peak Efficiency:	54lm/w
Color rendering index (CRI):	>97
Color rendering index (CRI R9):	>96
CCT:	3000K / 4200K
Beam Angle:	Manually adjustable 20° - 40°
LED lifetime:	50.000 hours (Minimum)
Beam field diameter @ 20° (narrow):	@3 mtr (9,8ft): ~ 1.2 mtr (3,9ft)
	@5 mtr (16,4ft): ~ 2 mtr (6,4ft)
Beam field diameter @ 40° (Wide):	@3 mtr (9,8ft): ~ 2 mtr (6,7ft)
	@5 mtr (16,4ft): ~ 3.4 mtr (11,2ft)

THERMAL

Operating Temperature:	0° C to +35° C
Maximum Ambient Temperature (Ta max.):	35° C
Cooling System:	Passive
Minimum distance to normal flammable materials:	0.5 mtr (16.40 feet)
Minimum distance to illuminated surface:	0.5 mtr (16.40 feet)
Automatic temperature control (Safety feature):	Yes

ELECTRICAL SPECIFICATIONS

Power:	150W maximum power consumption
Input Voltage:	90 - 264 VAC, 47 - 63 Hz
Power Factor:	>0.97 @230V
Inrush Current:	25A Peak <5mS
Number of products on MCB of 16A type C	10

CONSTRUCTION

Protection rating:	IP21
Impact resistance:	IK07
Housing Material:	Aluminum, Plastic
Housing Color:	Black (RAL9004)
Lens material:	Borosilicate glass

PHYSICAL DIMENSIONS

Depth:	23.2 cm (9.1 inch)
Width:	29.4 cm (11.6 inch)
Height:	31.8 cm (12.5 inch)
Weight:	6.4 kg (14.10 Lbs)
Tilt Range:	0° - +/- 135°

INSTALLATION

Orientation:	Any
Mounting:	3 x 12mm holes in yoke bracket
Safety wire:	Attachment point for safety wire

APPROVALS

ETL:	UL Std. 1598 (Pending)
CE:	Yes
RoHS:	Yes

ENVIRONMENTAL

RoHS:	Compliant
REACH:	Compliant
WEEE:	Compliant

INCLUDED ITEMS

User manual:	1 pcs

WARRANTY

Fixture:	2 years

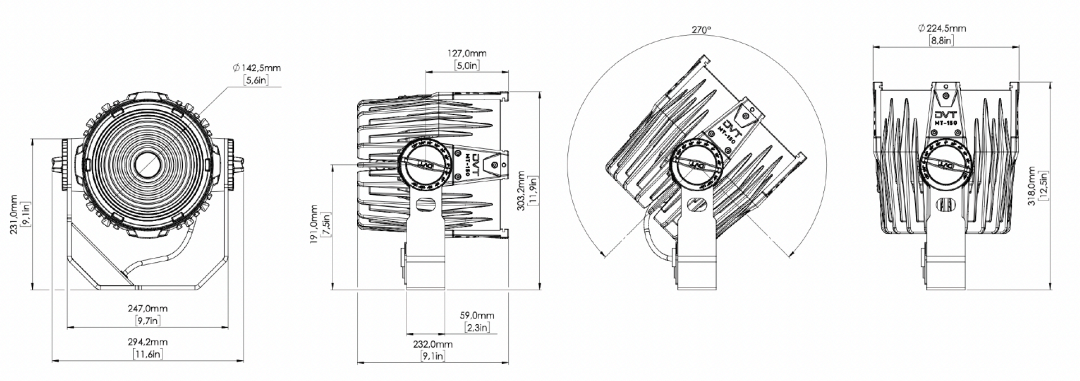
ORDERING INFORMATION

MT-150 30/42 TRUE1 Black:	50300010

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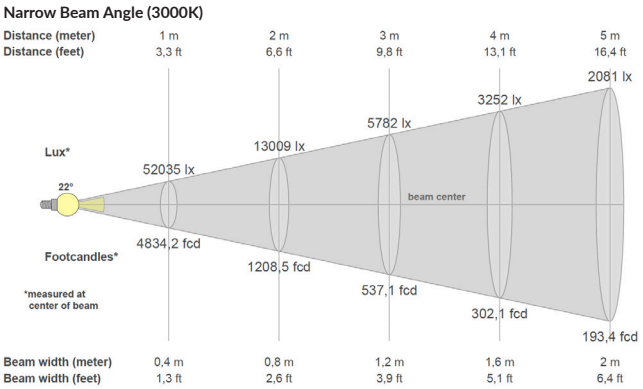
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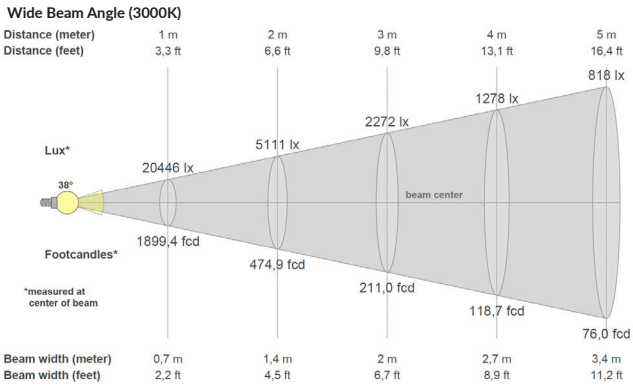


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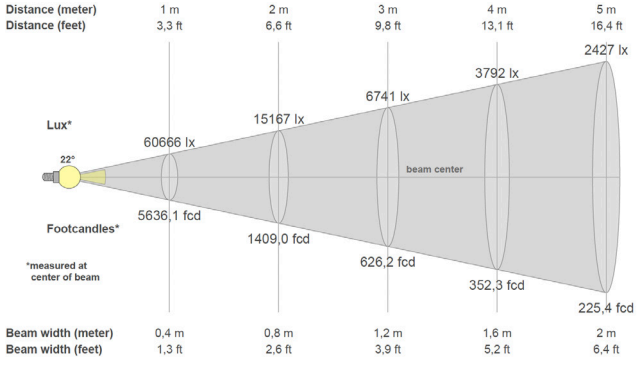
Narrow Beam Angle (3000K)



Wide Beam Angle (3000K)



Narrow Beam Angle (4200K)



Wide Beam Angle (4200K)

