

MT-150 30/42

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

SPECIFICATION SHEET



The MT-150 30/42 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 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 7 kg (15.43 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
- 7 kg (15.43 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 (9.13 inch.)
Width:	29.4 cm (11.57 inch.)
Height:	35.3 cm (13.90 inch.)
Weight:	7 kg (15.43 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
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WARRANTY

Fixture:	2 years
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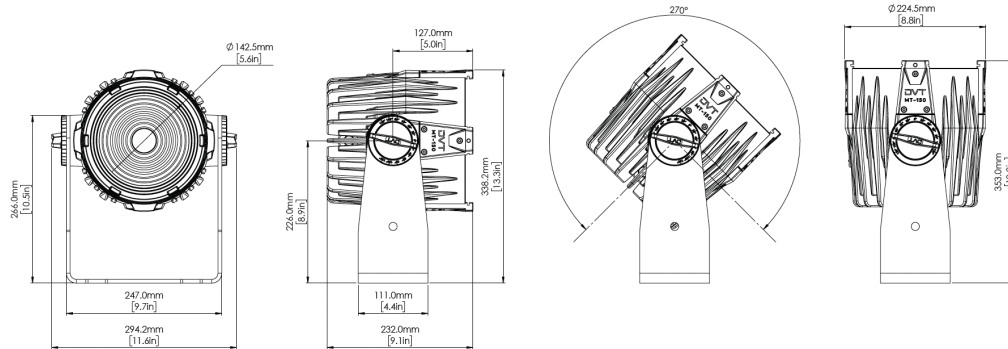
ORDERING INFORMATION

MT-150 30/42 Black:	50300001
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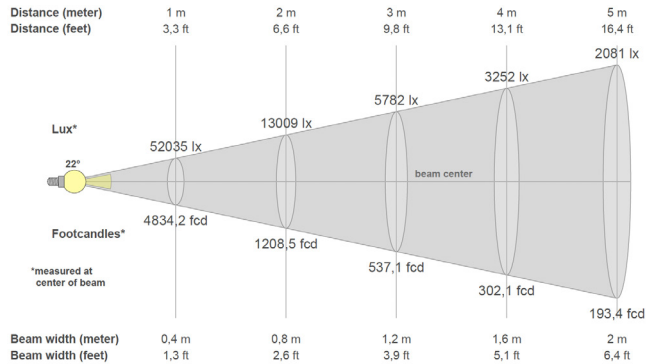
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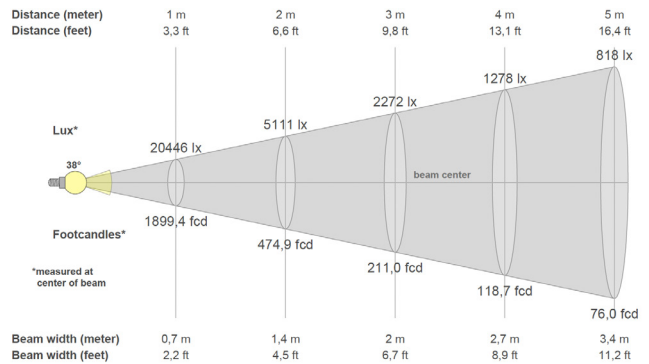


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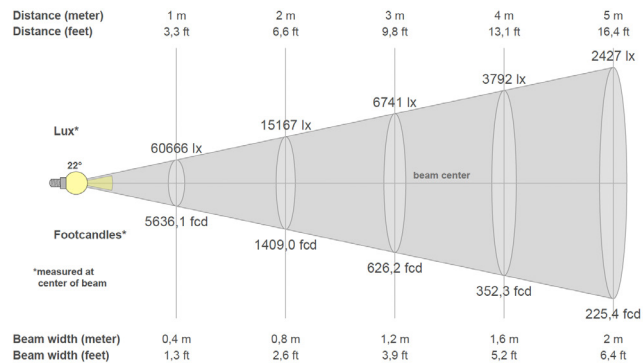
Narrow Beam Angle (3000K)



Wide Beam Angle (3000K)



Narrow Beam Angle (4200K)



Wide Beam Angle (4200K)

