

EX-150 CMZ

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

SPECIFICATION SHEET



The EX-150CMZ is 150W wash fresnel fixture that LED delivers an impressive output of >15000 lumens at 4000K & 3500K, and >12000 lumens at 2700K, and features a high color rendering index (CRI) exceeding 97. This fixture includes manual zoom capability, allowing for beam angle adjustments between 28° and 48°. Additionally, it offers a convenient switch for selecting color temperatures of either 2700K, 3500K or 4000K.

Designed for acoustically sensitive environments, such as exhibitions and studios, the EX-150CMZ operates silently without fans. It is equipped with our innovative technology, ensuring 100% flicker-free operation and eliminating the need for frequency adjustment. Its compact aluminum housing and lightweight design of just 7.2 kg (15.84 Lbs) further enhance its versatility for various applications.

KEY FEATURES

- 2700K /3500K /4000K colour temperature
- 12000 lumen >15000 lumen>15000 lumen(LED)
- Beam angle range: 28°-48°
- 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
- 7.2 kg (15.84 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 2700K, 3500K and 4000K

PHOTOMETRIC

Peak Light Intensity @ 1.5mtr (4,9 ft) @2700K (narrow):	15352 lx
Peak Light Intensity @ 1.5mtr (4,9 ft) @2700K (wide):	5620 lx
Peak Light Intensity @ 1.5mtr (4,9 ft) @3500K (narrow):	18061 lx
Peak Light Intensity @ 1.5mtr (4,9 ft) @ 3500K (wide):	6809 lx
Peak Light Intensity @ 1.5mtr (4,9 ft) @4000K (narrow):	17757 lx
Peak Light Intensity @ 1.5mtr (4,9 ft) @4000K (wide):	6750 lx
LED Peak Luminous Flux@2700K (narrow): 12600 lm	
LED Peak Luminous Flux@2700K (wide): 12900 lm	
LED Peak Luminous Flux@3500K (narrow): 15200 lm	
LED Peak Luminous Flux@3500K (wide): 15500 lm	
LED Peak Luminous Flux@4000K (narrow): 15600 lm	
LED Peak Luminous Flux@4000K (wide): 15800 lm	
LED Peak Efficiency:	95 lm/W / 115 lm/W / 115 lm/W
Color Rendering Index (CRI):	>97
Color Rendering Index (CRI R9):	>88
CCT:	2700K / 3500K / 4000K
Beam Angle:	Manually adjustable 28°-48°
LED Lifetime:	50,000 hours (Minimum)
Beam Field Diameter @ 28° (narrow):	@ 3mtr (9,8ft): ~1.1mtr (3,7ft) in diameter
	@ 5mtr (16,4ft):~1.9mtr (6,1ft) in diameter
Beam Field Diameter @ 48° (wide):	@ 3mtr (9,8ft): ~2.1mtr (6,8ft) in diameter
	@ 5mtr (16,4ft): ~3.5mtr (11,4ft) in diameter

CONSTRUCTION

Protection Rating:	IP21
Impact Resistance:	IK07
Housing Material:	Aluminum, Plastic
Surface Finish:	ED coating + powder coating
Housing Color:	Black (RAL9004)
Lens Material:	Borosilicate glass

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

EX-150 CMZ Black

THERMAL

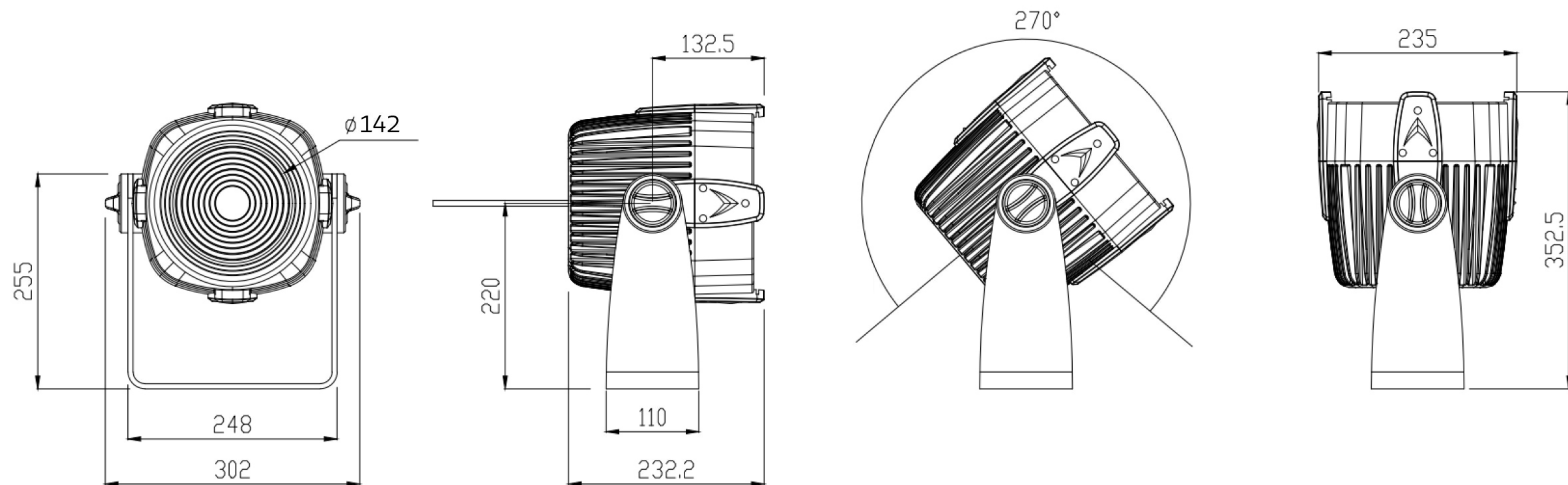
Operating Temperature:	0° C to +35°C
Maximum Ambient Temperature (Ta max.):	35°C
Cooling System:	Passive
Minimum distance to normal flammable materials:	0.5 mtr (16.40 feet)
Minimum distance to illuminated surface:	0.5 mtr (16.40 feet)
Automatic temperature control (Safety feature):	Yes

ELECTRICAL SPECIFICATIONS

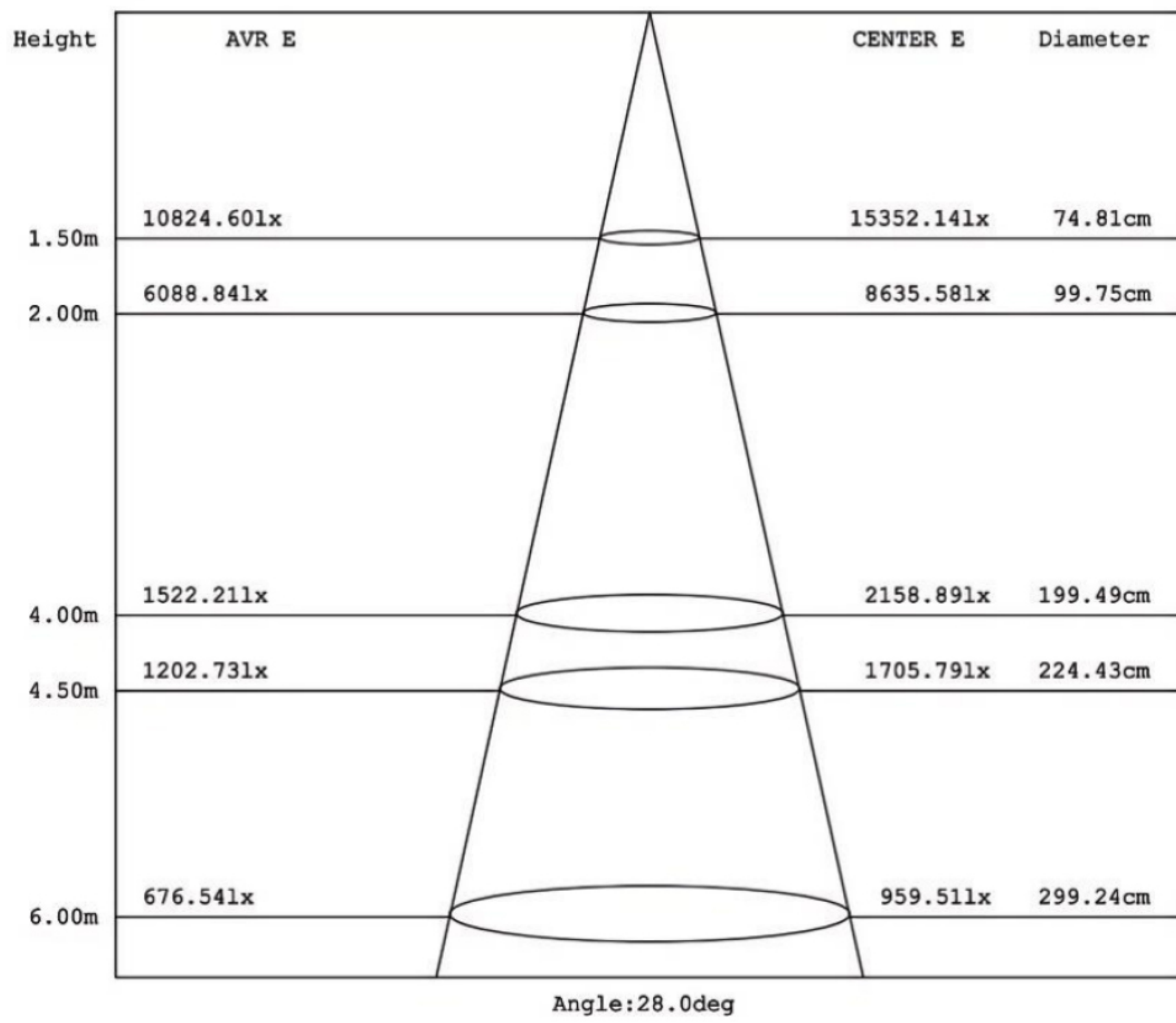
Power:	150W maximum power consumption
Input Voltage:	100 -240 V, 50/60Hz
Power Factor:	>0.97 @230V
Inrush Current:	25A Peak <5mS
Number of products on MCB of 16A type C:	10

PHYSICAL DIMENSIONS

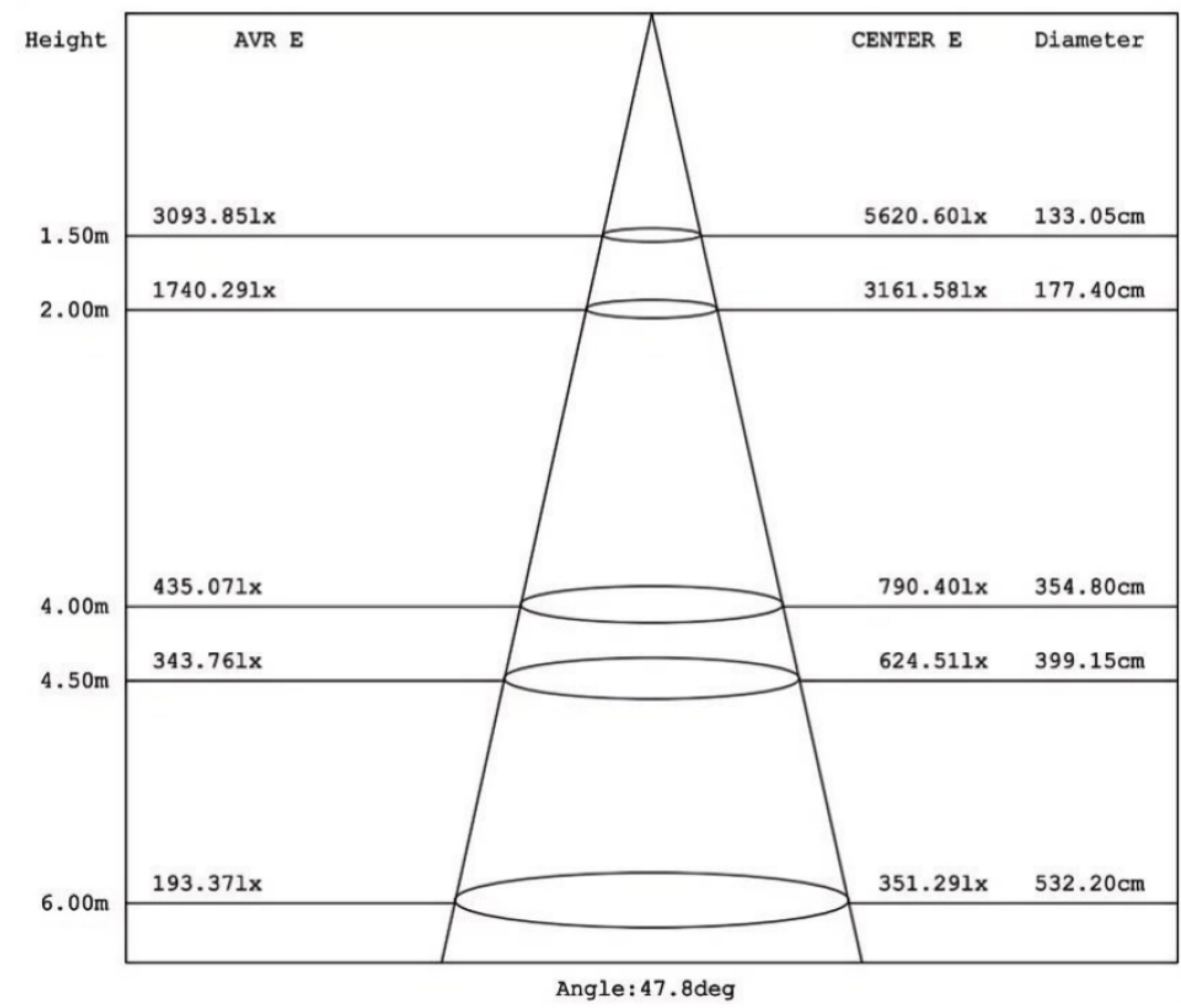
Depth:	23.2 cm (9.13 inch.)
Width:	30.2 cm (11.88 inch.)
Height:	35.3 cm (13.90 inch.)
Weight:	7.2 kg (15.84 Lbs.)
Tilt Range:	0° - + / -135°



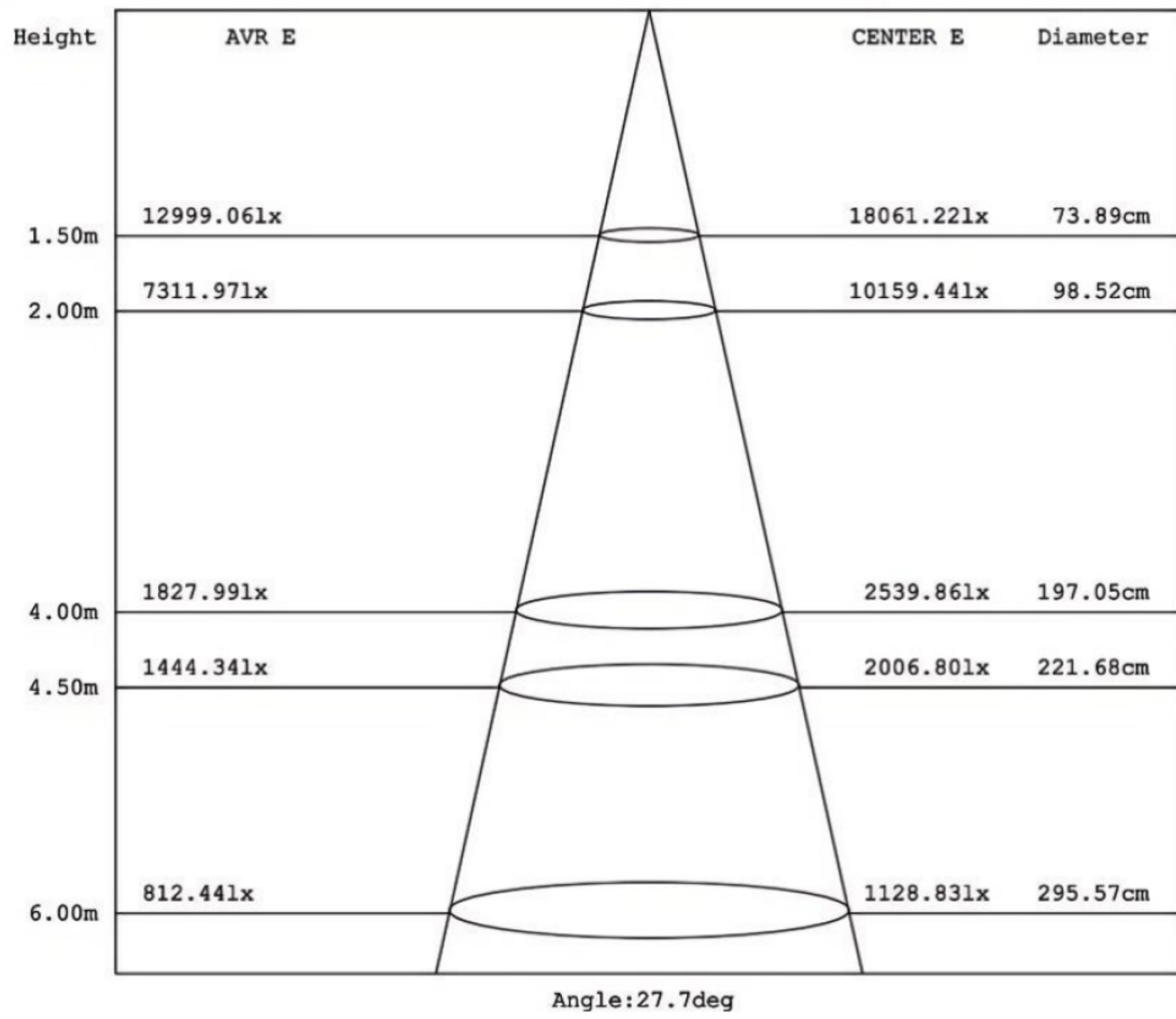
• Narrow Beam Angle (2700K)



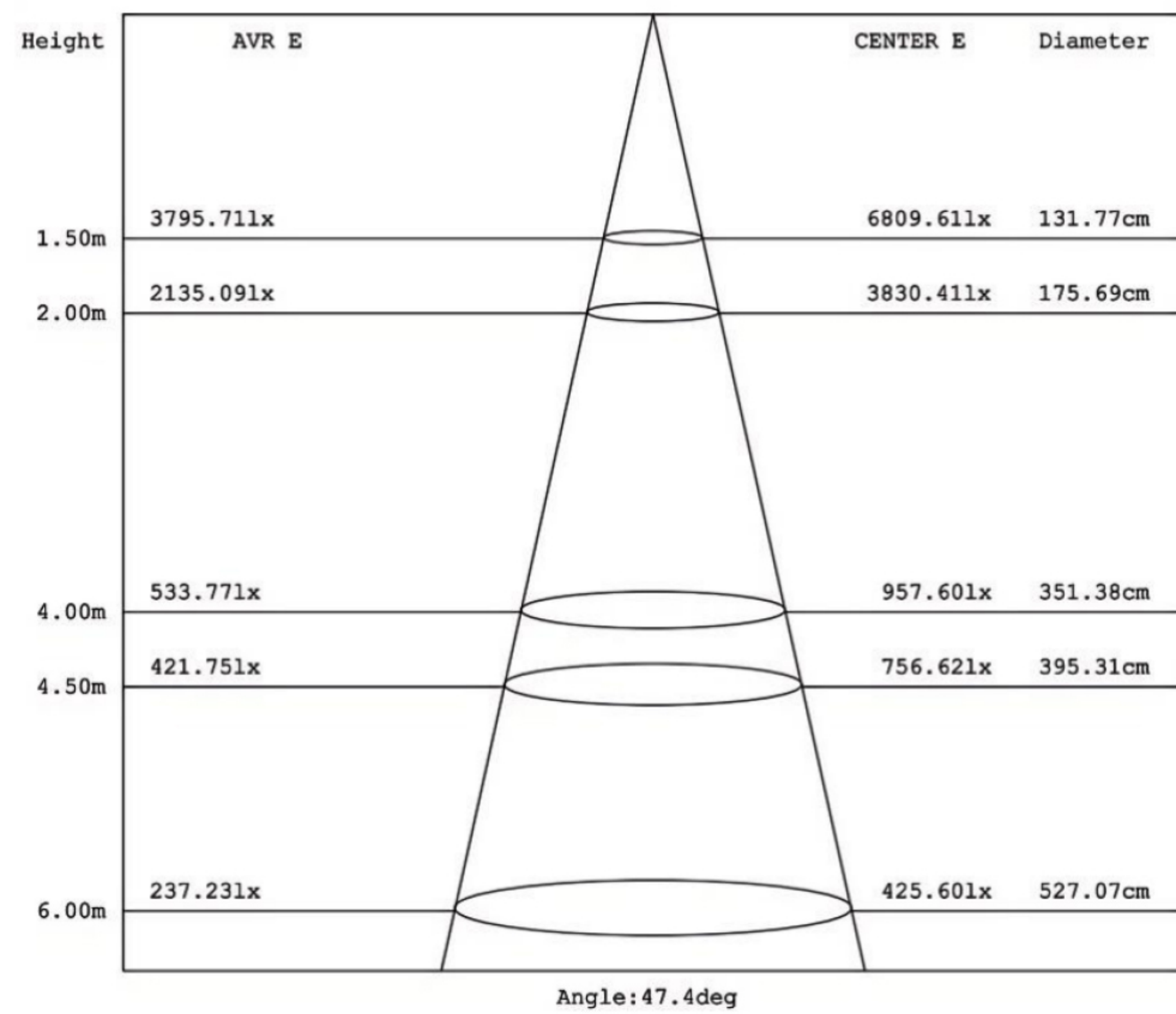
• Wide Beam Angle (2700K)



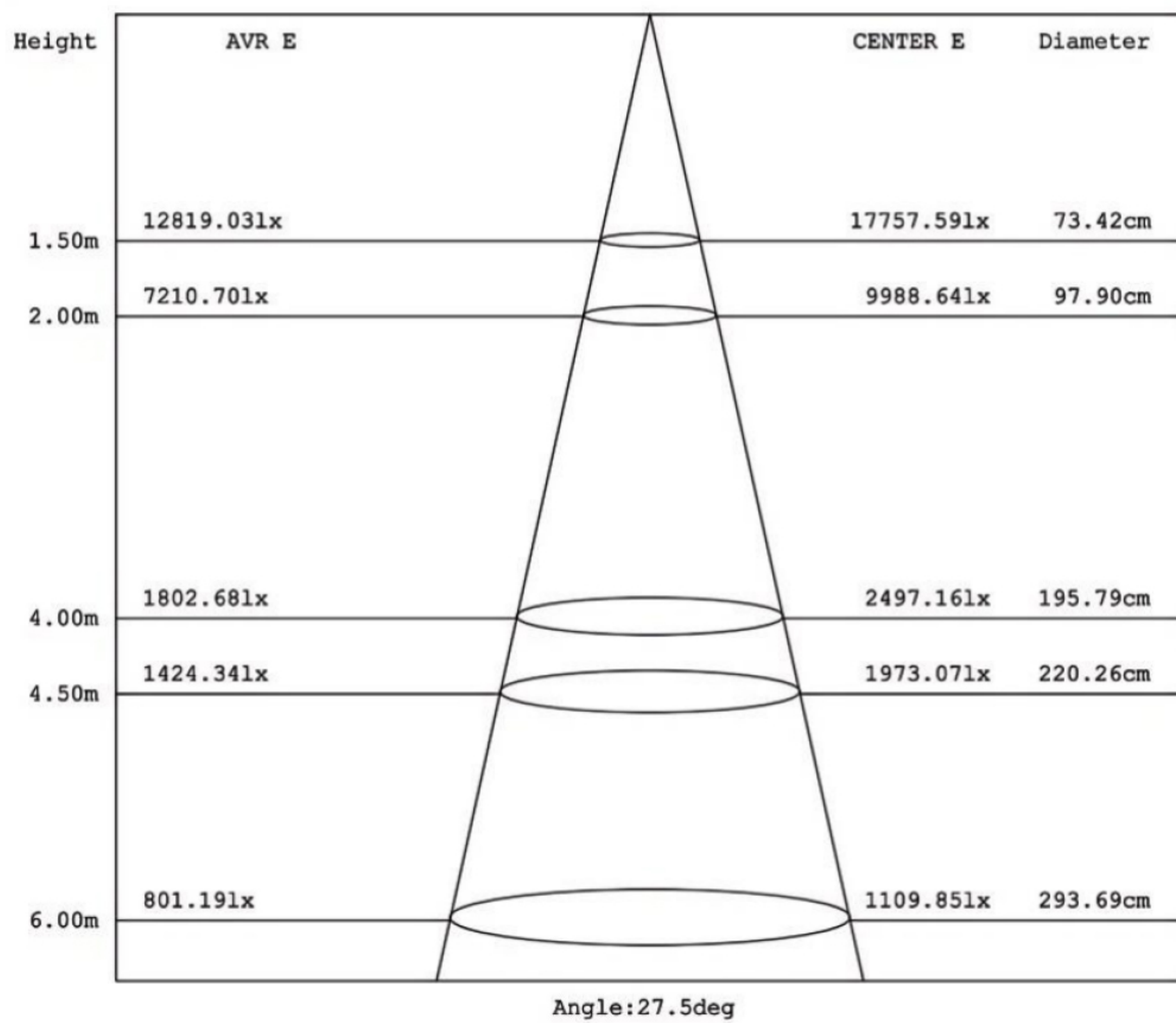
• Narrow Beam Angle (3500K)



• Wide Beam Angle (3500K)



• Narrow Beam Angle (4000K)



• Wide Beam Angle (4000K)

