

100W – 5600K

Canara Fresnel equipped with an enhanced COB LED source providing a higher output with a significant efficiency, this 200 mm Fresnel lens presents an exceptional flat and variable beam angle with very wide opening, combined with an electronic flicker-free dimmable power supply unit to create a powerful yet economical LED wash & Spotlight make it the perfect choice for theatre, Auditoriums, TV studio, Production House, event and architectural applications.



MODEL : CAN LED-D

TECHNICAL SPECIFICATIONS

LIGHT SOURCE

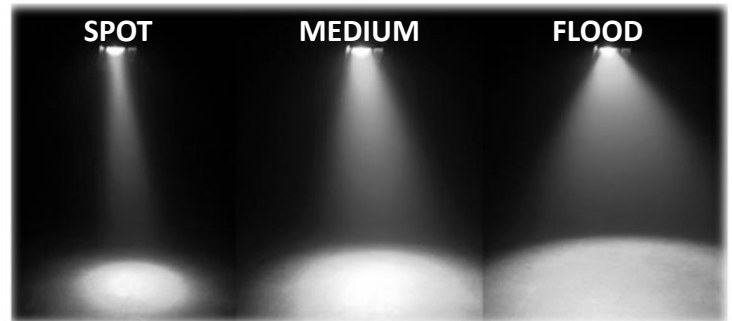
- Lamp : 100W COB LED
- Color temperature (CCT) : 5600K
- CRI : > 95, TLCI: > 95, R9 Value: > 92
- Color Quality Scale (CQS) : > 95
- Lamp life : L70 >50000 Hours @ 55°C

ELECTRICAL

- Flicker free universal auto-ranging electronic switch mode power supply 100~240 VAC Nominal, 50/60 Hz
- 0 to 100% 8 Bit Linear Dimming
- Power Factor ≥ 0.95 @ 230V 50Hz
- Max mains current drawn 0.46A @ 230V AC 50Hz
- Max LED current drawn 2.70A @ 36V DC
- Power supply cable: 3 meter 3 Core 1Sq mm FRLS grade PVC cable with IEC Plug

SPECIAL FEATURES

- Delivers the output performance of its 650W Incandescent complement at 100W.
- Double accessories slot for inserting color filters, barndoor and other accessories with lock retaining clip.
- Fully RDM Compliant when in DMX mode
- Electronic universal power supply 100-260 V AC, 50/60 Hz.
- SS/Brass lead screw type focusing mechanism for step less smooth zooming .
- 10 to 50 degree spot to flood beam spread
- Available with pole operated yoke.



OPTICAL SYSTEM

- Beam Angle : 10° to 50° steeples linear zoom
- Fresnel lens diameter : 200mm
- Lens Material: Annealed shock resistant borosilicate glass. (AUER German Made)

DMX CHART

- 1 Channel Mode : Dimmer, 0-100%

CONTROL

- On board Control with 5 No's High Precision Membrane switch with 7 segment display for easy to read status.
- USITT DMX512A (RDM Compatible) Control Protocol.
- 5 pin locking XLR Chassis mount DMX in & through connections
- 8 bit DMX control, extra soft dimming, for theatrical & Studio use.

PHYSICAL

- Rugged die-casted and extruded aluminium body
- Active Cooling system by Copper tube heatsink with Silent-running cooling fans ideal for TV studios & theatres
- Aluminum yoke
- Available in Manual and Pole operated system for Pan, Tilt and Focus.
- Epoxy polyester powder coated matt black finish (RAL – 9005) (Customizable as per requirements)
- IP Rating : IP20

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WEIGHT & DIMENTION

Length	Width	Height	Weight
370 mm	250 mm	455 mm	7.6 Kg
1.21 ft	0.82 ft	1.49 ft	16.8 lbs

ACCESSORIES (Optional)

-  8 leaf Barndoor 360° Rotatable
-  4 leaf Barndoor 360° Rotatable
-  Snoot
-  Scrim & Filter frame
-  Clamps & Spuds
-  Power & DMX Cables

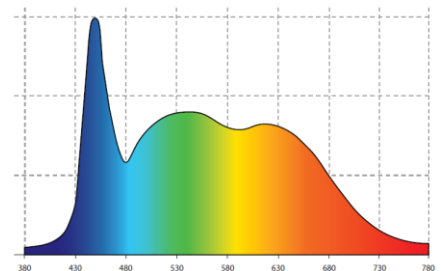
Photometric Data - Spot @ 10 Degrees - 5600K

Throw Distance	(m)	2	3	5	7	9
	(ft)	6.56	9.84	16.40	22.97	29.53
Beam Diameter	(m)	0.35	0.53	0.88	1.23	1.58
	(ft)	1.15	1.74	2.89	4.04	5.18
Illumination	(lux)	24600	10933	3936	2008	1215
	(fc)	2285	1016	366	187	113

Photometric Data - Flood @ 50 Degrees - 5600K

Throw Distance	(m)	1	2	3	4	5
	(ft)	3.28	6.56	9.84	13.12	16.41
Beam Diameter	(m)	0.93	1.87	2.80	3.73	4.67
	(ft)	3.06	6.12	9.18	12.25	15.31
Illumination	(lux)	8800	2200	978	550	352
	(fc)	818	204	91	51	33

SPECTRUM - 5600K



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