

Broadcast Series

C80 LED Studio Light

ORDERING GUIDE

C80

Model

C80 85W Standard

Finish

BK Black
WH White

Spectrum

T2D Tungsten to Daylight (2800K to 6500K)
3200 Fixed CCT at 3200K
5600 Fixed CCT at 5600K

SPECIFICATIONS



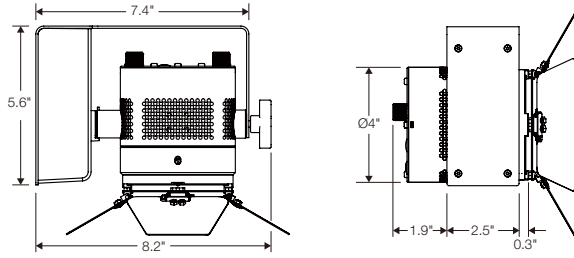
| | Tunable (T2D) | 3200 | 5600 |
|------------------------|--|-------------|-------------|
| CCT Range | 2800K - 6500K | 3200K Fixed | 5600K Fixed |
| Hue | ± 0.25 Green | N/A | N/A |
| DMX Channels | 3-Channels | 1-Channel | 1-Channel |
| DMX Parameters | Intensity, CCT, Hue | Intensity | Intensity |
| Beam Angle | 65° (33° With 2" Fresnel) | | |
| CRI | 97 Typical. | | |
| Dimming | 100% - 0% Flicker Free | | |
| Light Engine | Dense Matrix LED | | |
| Power Draw | 85W Max | | |
| AC Input | 120V AC, 60Hz | | |
| Display Type | OLED Screen | | |
| Weight | 3.4lbs / 1.5kg (With AC Power Cable) | | |
| Size (L x W x H) | 8.2in x 4.7in x 5.6in / 20.8cm x 11.9cm x 14.2cm | | |
| Mounting Hole Diameter | 0.5in | | |
| AC Cable Length | US: 10ft / 3m, International: 4.5ft / 1.4m | | |
| Thermal Design | Active Cooling | | |
| Acoustic Noise | 22.7dB (Professional Recording Studio Level) | | |
| Operating Temperature | 32-104° F / 0-40° C | | |
| Regulatory | UL Listed | | |

OPTICAL SPECTRUM

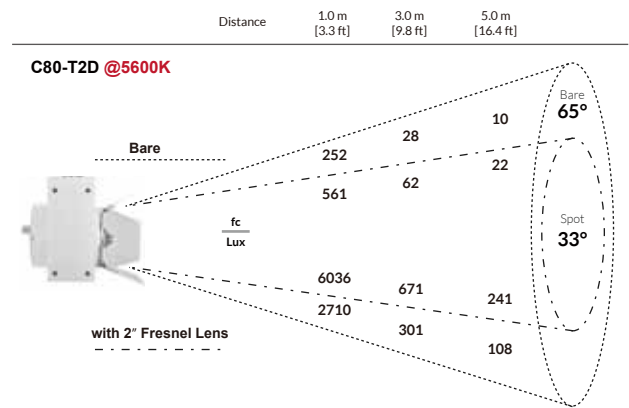
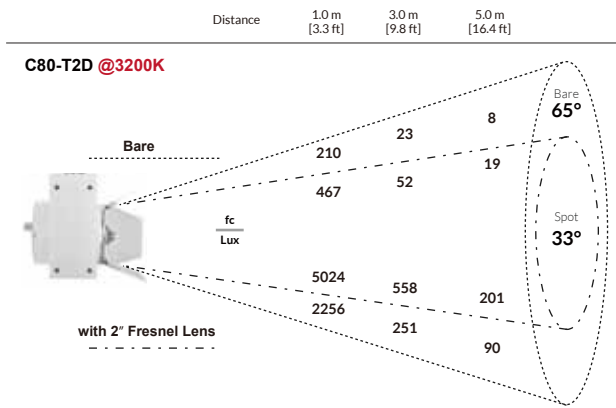
| CCT | R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 | CRI _{Ra} * | CRI _{Ext} ** | TLCI |
|-------|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|---------------------|-----------------------|------|
| 3200K | 99 | 99 | 95 | 98 | 98 | 98 | 98 | 97 | 94 | 94 | 98 | 87 | 99 | 96 | 98 | 98 | 96 | 98 |
| 5600K | 98 | 99 | 98 | 95 | 96 | 97 | 97 | 96 | 89 | 95 | 95 | 88 | 98 | 98 | 97 | 97 | 96 | 98 |

*CRI Ra is the averaged result of R1 to R8; CRI Ext is the averaged value of R1 to R15. Typical values shown.

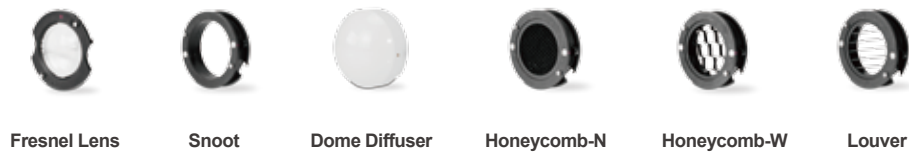
MECHANICAL FIGURES



PHOTOMETRICS DATA



OPTIONAL ACCESSORIES



Fresnel Lens

Snoot

Dome Diffuser

Honeycomb-N

Honeycomb-W

Louver