**F&V**

**BRIGHT IDEAS**



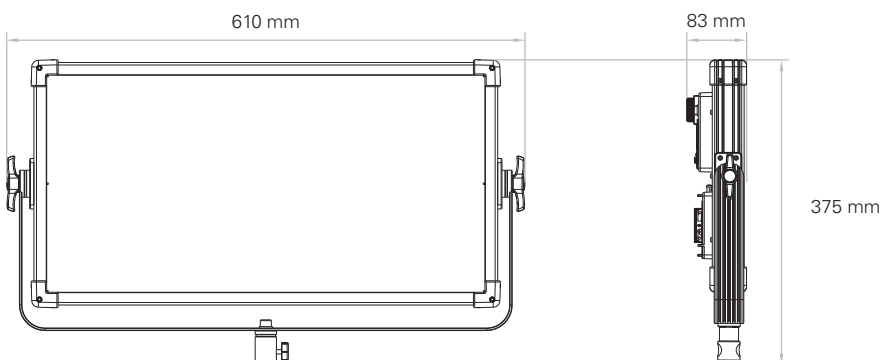# UltraColor Z800S Soft

## BRIGHTNESS | 7210 LUX@1M

With the optional intensifier, the Z800S Soft provides up to 7210 lux @ 1m of UltraSoft light with a beam angle of 50°. 100% passively cooled without any noise.

## COLOR | TLCI 99

Pure, white light with true color reproduction and a TLCI of up to 99. Skin tones and colors never looked better, rendered with absolute precision.

## BI-COLOR | 3200 - 5600K

Quickly and easily adjust the CCT to set the mood of a scene or to match other light sources. Experience no brightness loss at daylight or tungsten compared to mixed color temperatures, as is common with other bi-color fixtures.



610 mm

83 mm

375 mm

## DIMENSIONS

| Model | UltraColor Z800S Soft |
|---|---|
| Item No. | 109030140220 (EU) 109030140230 (US) |
| EAN Code | 6949773303687 (EU) 6949773303724 (US) |
| Net Weight | 3.6 kg (7.9 lbs) |
| Packed Weight | 5.6 kg (12.3 lbs) |
| Packed Size | 650×130×415 mm |

Note Protection Mark according to DIN 34

## SPECIFICATION

| Model | UltraColor Z800S Soft |
|---|---|
| **LED SOURCE** | |
| Beam Angle | 130° |
| White Light | Bi-Color 3,200 K - 5,600 K Continuously Variable Correlated Color Temperature |
| Color Temperature Tolerance | +/- 100 K (nominal) |
| Color Rendition | TLCI 97 - 99, CRI 96 - 98 |
| Dimming | 0 -100% Continuous |
| Control | On-Board Controller |
| Estimated LED Lifetime | 50,000 hours (15 Years of average use) |

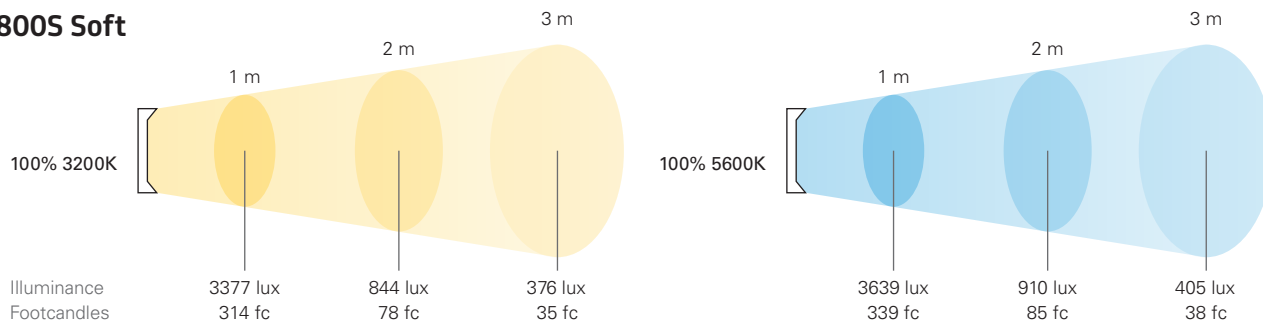| | |
|---|---|
| **POWER SUPPLY** | |
| Power Voltage Range | 24 - 36 V DC |
| Input Current Range | Max 7.5 A @ 24V / 5.0 A @ 36V |
| Power Consumption | 180 W Nominal, 185 W Maximum |
| Power Connection | V-mount Battery Plate × 2 / NL-2MP |

| | |
|---|---|
| **BASE SPECIFITION** | |
| Thermal Design | Silent Passive Cooling |
| Mounting | 16 mm / 28 mm Combo Pin (Baby 5/8 inch / Junior 1-1/8 inch Combo Pin) |
| Housing Color | Black |
| Ambient Temperature Operation | -20 to +45° C (-4 to +113° F) |
| Protection Class | IP 20 |
| Certifications | Pending |

All specifications are nominal / typical values.

## PHOTOMETRIC DATA (preliminary results)

### UltraColor Z800S Soft
130° Beam Angle



| | 1 m | 2 m | 3 m |
|---|---|---|---|
| **100% 3200K** | | | |
| Illuminance | 3377 lux | 844 lux | 376 lux |
| Footcandles | 314 fc | 78 fc | 35 fc |
| **100% 5600K** | | | |
| Illuminance | 3639 lux | 910 lux | 405 lux |
| Footcandles | 339 fc | 85 fc | 38 fc |

### UltraColor Z800S Soft
with The Intensifier
58° Beam Angle



| | 1 m | 2 m | 3 m |
|---|---|---|---|
| **100% 3200K** | | | |
| Illuminance | 6500 lux | 1625 lux | 723 lux |
| Footcandles | 604 fc | 151 fc | 68 fc |
| **100% 5600K** | | | |
| Illuminance | 7210 lux | 1803 lux | 802 lux |
| Footcandles | 670 fc | 168 fc | 75 fc |