

Evoke 2400B

Technical Data

|                       |                                                                                                                                                        |  |  |  |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|
| Model                 | Evoke 2400B                                                                                                                                            |  |  |  |
| Rated Power           | 2400W                                                                                                                                                  |  |  |  |
| Input Voltage/Current | DC48V/26A × 2, AC100-240V 50/60Hz 26A Max                                                                                                              |  |  |  |
| CCT                   | 2700K-6500K ( G/M ± 80)                                                                                                                                |  |  |  |
| CRI                   | Average 96                                                                                                                                             |  |  |  |
| TLCI                  | Average 97                                                                                                                                             |  |  |  |
| TM-30Rf               | Average 95                                                                                                                                             |  |  |  |
| TM-30Rg               | Average 100                                                                                                                                            |  |  |  |
| SSI (3200K)           | 84                                                                                                                                                     |  |  |  |
| SSI (5600K)           | 74                                                                                                                                                     |  |  |  |
| Dimming               | 0-100% sepless 0.1% from 0-100%                                                                                                                        |  |  |  |
| IP Rating             | IP55                                                                                                                                                   |  |  |  |
| Control               | On-board, Wire Control, Remote Controller, NANLINK APP, DMX/RDM, LumenRadio CRMX, Art-Net/sACN                                                         |  |  |  |
| Special Effects       | CCT Loop, INT Loop, Flash, Pulse, Storm, TV, Paparazzi, Candle/File, Bad Bulb, Firework, Explosion, Welding                                            |  |  |  |
| Product Size          | Light Fixture(without COB protective cap): 427.3 × 316.4 × 265.1mm / 16.8 × 12.5 × 10.4"<br>Power Supply: 389.2 × 172.2 × 268.3mm / 15.3 × 6.8 × 10.6" |  |  |  |
| Product Weight        | Light Fixture(without COB protective cap): 15kg / 33.1lb<br>Power Supply: 11.58kg / 25.53lb                                                            |  |  |  |
| Certifications        | BIS, CE, FCC-ID, RoHS, UKCA, KCC, NCC, ETL+cETL, KUCAS                                                                                                 |  |  |  |

Illumination (lux/ft)

| Model      | Evoke 2400B       |                   |                   |                   |
|------------|-------------------|-------------------|-------------------|-------------------|
| Light Only |                   |                   |                   |                   |
| Distance   | 3M                | 5M                | 7M                | 9M                |
| 2700K      | 7910 lux / 735 fc | 3162 lux / 294 fc | 1686 lux / 157 fc | 1054 lux / 98 fc  |
| 3200K      | 8732 lux / 811 fc | 3478 lux / 323 fc | 1848 lux / 172 fc | 1152 lux / 107 fc |

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|--------------------|-----------------------|---------------------|---------------------|--------------------|
| Light Only         |                       |                     |                     |                    |
| Distance           | 3M                    | 5M                  | 7M                  | 9M                 |
| 4300K              | 9671 lux / 898 fc     | 3858 lux / 358 fc   | 2071 lux / 192 fc   | 1263 lux / 117 fc  |
| 5600K              | 9584 lux / 890 fc     | 3801 lux / 353 fc   | 2028 lux / 188 fc   | 1266 lux / 118 fc  |
| 6500K              | 9745 lux / 905 fc     | 3873 lux / 360 fc   | 2099 lux / 195 fc   | 1275 lux / 118 fc  |
| With 30° Reflector |                       |                     |                     |                    |
| Distance           | 3M                    | 5M                  | 7M                  | 9M                 |
| 2700K              | 87900 lux / 8166 fc   | 27010 lux / 2509 fc | 13190 lux / 1225 fc | 7880 lux / 732 fc  |
| 3200K              | 100600 lux / 9346 fc  | 31200 lux / 2898 fc | 15190 lux / 1411 fc | 9030 lux / 839 fc  |
| 4300K              | 112300 lux / 10433 fc | 34900 lux / 3242 fc | 17040 lux / 1583 fc | 10100 lux / 938 fc |
| 5600K              | 111800 lux / 10386 fc | 34800 lux / 3233 fc | 16950 lux / 1575 fc | 10090 lux / 937 fc |
| 6500K              | 91200 lux / 8472 fc   | 28150 lux / 2615 fc | 13680 lux / 1271 fc | 8140 lux / 756 fc  |
| With 45° Reflector |                       |                     |                     |                    |
| Distance           | 3M                    | 5M                  | 7M                  | 9M                 |
| 2700K              | 32140 lux / 2986 fc   | 10770 lux / 1001 fc | 5604 lux / 521 fc   | 3412 lux / 317 fc  |
| 3200K              | 36710 lux / 3410 fc   | 12270 lux / 1140 fc | 6381 lux / 593 fc   | 3872 lux / 360 fc  |
| 4300K              | 41800 lux / 3883 fc   | 14030 lux / 1303 fc | 7242 lux / 673 fc   | 4381 lux / 407 fc  |
| 5600K              | 41910 lux / 3893 fc   | 14070 lux / 1307 fc | 7254 lux / 674 fc   | 4401 lux / 409 fc  |
| 6500K              | 36090 lux / 3353 fc   | 12160 lux / 1130 fc | 6276 lux / 583 fc   | 3839 lux / 357 fc  |
| With 60° Reflector |                       |                     |                     |                    |
| Distance           | 3M                    | 5M                  | 7M                  | 9M                 |
| 2700K              | 20220 lux / 1878 fc   | 7169 lux / 666 fc   | 3760 lux / 349 fc   | 2322 lux / 216 fc  |
| 3200K              | 23010 lux / 2318 fc   | 8118 lux / 754 fc   | 4241 lux / 394 fc   | 2622 lux / 244 fc  |
| 4300K              | 25810 lux / 2398 fc   | 9145 lux / 850 fc   | 4776 lux / 444 fc   | 2956 lux / 275 fc  |
| 5600K              | 26000 lux / 2415 fc   | 9214 lux / 856 fc   | 4800 lux / 446 fc   | 2976 lux / 276 fc  |
| 6500K              | 21640 lux / 2010 fc   | 7685 lux / 714 fc   | 4005 lux / 372 fc   | 2482 lux / 231 fc  |

| With FL-35E (15°)                 |                     |                     |                     |                   |
|-----------------------------------|---------------------|---------------------|---------------------|-------------------|
| Distance                          | 3M                  | 5M                  | 7M                  | 9M                |
| 2700K                             | 63560 lux / 5905 fc | 21200 lux / 1969 fc | 10850 lux / 1008 fc | 6399 lux / 594 fc |
| 3200K                             | 68770 lux / 6389 fc | 23070 lux / 2143 fc | 11770 lux / 1093 fc | 6948 lux / 645 fc |
| 4300K                             | 77720 lux / 7220 fc | 26170 lux / 2431 fc | 13410 lux / 1246 fc | 7890 lux / 733 fc |
| 5600K                             | 75700 lux / 7033 fc | 25510 lux / 2370 fc | 13070 lux / 1214 fc | 7709 lux / 716 fc |
| 6500K                             | 77090 lux / 7162 fc | 26050 lux / 2420 fc | 13290 lux / 1235 fc | 7868 lux / 731 fc |
| With FL-35E (46°)                 |                     |                     |                     |                   |
| Distance                          | 3M                  | 5M                  | 7M                  | 9M                |
| 2700K                             | 14790 lux / 1374 fc | 5588 lux / 519 fc   | 3022 lux / 281 fc   | 1878 lux / 174 fc |
| 3200K                             | 16100 lux / 1496 fc | 6086 lux / 565 fc   | 3275 lux / 304 fc   | 2049 lux / 190 fc |
| 4300K                             | 18160 lux / 1687 fc | 6881 lux / 639 fc   | 3721 lux / 346 fc   | 2325 lux / 216 fc |
| 5600K                             | 17750 lux / 1649 fc | 6745 lux / 627 fc   | 3635 lux / 338 fc   | 2273 lux / 211 fc |
| 6500K                             | 17990 lux / 1671 fc | 6862 lux / 637 fc   | 3691 lux / 343 fc   | 2312 lux / 215 fc |
| With NL70 Parallel Beam Reflector |                     |                     |                     |                   |
| Distance                          | 5M                  | 10M                 | 15M                 | 20M               |
| 2700K                             | 59380 lux / 5516 fc | 18060 lux / 1678 fc | 8144 lux / 757 fc   | 4600 lux / 427 fc |
| 3200K                             | 65400 lux / 6076 fc | 19590 lux / 1820 fc | 8861 lux / 823 fc   | 4991 lux / 464 fc |
| 4300K                             | 74220 lux / 6895 fc | 22130 lux / 2056 fc | 10090 lux / 937 fc  | 5659 lux / 526 fc |
| 5600K                             | 76300 lux / 7088 fc | 22420 lux / 2083 fc | 10160 lux / 944 fc  | 5749 lux / 534 fc |
| 6500K                             | 76730 lux / 7128 fc | 22610 lux / 2100 fc | 10200 lux / 948 fc  | 5769 lux / 536 fc |