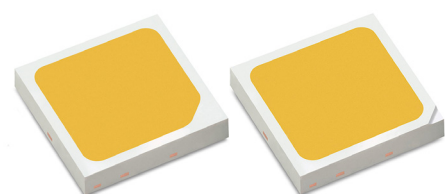




LUXEON 3030 HE

Industry leading efficacy, 3V 3030 package



LUXEON 3030 HE and LUXEON 3030 HE Plus are superior high efficacy, mid power package built on the legacy of the LUXEON 3030 product line. It serves as a go-to solution for various indoor and outdoor fixture applications that require top notch lm/W performance and long lifetime. LUXEON 3030 HE and LUXEON 3030 HE Plus adopt quadrant bin structure within 3 SDCM, which enables 2 SDCM by kitting.



FEATURES AND BENEFITS

- Superior high efficacy at rated current enables outstanding lm/W at system level
- Reliable package design from a proven product line affirms application long lifetime
- Quadrant bin structure within 3 SDCM enables 2 SDCM by kitting
- Industry standard package allows drop-in replacement for existing 3030 packages

PRIMARY APPLICATIONS

- Panel / Soft Lights
- Spotlights
- Linear
- Troffers
- Downlights
- Wall Pack
- Horticulture

LUXEON 3030 HE and LUXEON 3030 HE Plus product performance at 65mA, T_j=25°C.

| PRODUCT TYPE | NOMINAL CCT ^[1] | MINIMUM CRI ^[2, 3] | LUMINOUS FLUX ^[2, 3] (lm) | | TYPICAL LUMINOUS EFFICACY (lm/W) | PART NUMBER |
|---------------------|----------------------------|-------------------------------|--------------------------------------|---------|----------------------------------|--------------------|
| | | | MINIMUM | TYPICAL | | |
| | | | 65mA | | | |
| LUXEON 3030 HE | 2700K | 80 | 29.0 | 32.0 | 176 | L130-2780HB30000B1 |
| | 3000K | 80 | 29.5 | 32.5 | 179 | L130-3080HB30000B1 |
| | 3500K | 80 | 30.0 | 33.5 | 184 | L130-3580HB30000B1 |
| | 4000K | 80 | 32.0 | 35.5 | 195 | L130-4080HB30000B1 |
| | 5000K | 80 | 32.0 | 35.5 | 195 | L130-5080HB30000B1 |
| | 5700K | 80 | 32.0 | 35.0 | 192 | L130-5780HB30000B1 |
| | 6500K | 80 | 31.0 | 35.0 | 192 | L130-6580HB30000B1 |
| | 2700K | 90 | 24.5 | 27.4 | 151 | L130-2790HB30000B1 |
| | 3000K | 90 | 25.0 | 27.5 | 151 | L130-3090HB30000B1 |
| | 3500K | 90 | 26.0 | 28.5 | 157 | L130-3590HB30000B1 |
| | 4000K | 90 | 27.5 | 30.2 | 166 | L130-4090HB30000B1 |
| | 5000K | 90 | 27.0 | 29.5 | 162 | L130-5090HB30000B1 |
| | 5700K | 90 | 27.0 | 29.5 | 162 | L130-5790HB30000B1 |
| | 6500K | 90 | 27.0 | 29.5 | 162 | L130-6590HB30000B1 |
| LUXEON 3030 HE Plus | 2700K | 80 | 30.0 | 33.5 | 190 | L130-2780HA3000001 |
| | 3000K | 80 | 32.0 | 35.0 | 199 | L130-3080HA3000001 |
| | 3500K | 80 | 33.0 | 36.0 | 204 | L130-3580HA3000001 |
| | 4000K | 80 | 34.0 | 37.0 | 210 | L130-4080HA3000001 |
| | 5000K | 80 | 34.0 | 37.0 | 210 | L130-5080HA3000001 |
| | 5700K | 80 | 33.5 | 36.5 | 207 | L130-5780HA3000001 |
| | 6500K | 80 | 33.0 | 36.0 | 204 | L130-6580HA3000001 |
| | 2200K | 70 | 29.5 | 32.0 | 182 | L130-2270HA30000B1 |
| | 3000K | 70 | 34.0 | 37.0 | 210 | L130-3070HA30000B1 |
| | 3500K | 70 | 35.0 | 38.0 | 216 | L130-3570HA30000B1 |
| | 4000K | 70 | 36.0 | 39.0 | 221 | L130-4070HA30000B1 |
| | 5000K | 70 | 36.0 | 39.0 | 221 | L130-5070HA30000B1 |
| | 5700K | 70 | 35.0 | 38.0 | 216 | L130-5770HA30000B1 |
| | 6500K | 70 | 34.5 | 37.5 | 213 | L130-6570HA30000B1 |
| | 2700K | 80 | 30.0 | 33.5 | 190 | L130-2780HA30000B1 |
| | 3000K | 80 | 32.0 | 35.0 | 199 | L130-3080HA30000B1 |
| | 3500K | 80 | 33.0 | 36.0 | 204 | L130-3580HA30000B1 |
| | 4000K | 80 | 34.0 | 37.0 | 210 | L130-4080HA30000B1 |
| | 5000K | 80 | 34.0 | 37.0 | 210 | L130-5080HA30000B1 |
| | 5700K | 80 | 33.5 | 36.5 | 207 | L130-5780HA30000B1 |
| | 6500K | 80 | 33.0 | 36.0 | 204 | L130-6580HA30000B1 |
| | 2700K | 90 | 26.0 | 28.5 | 162 | L130-2790HA30000B1 |
| | 3000K | 90 | 27.0 | 29.5 | 167 | L130-3090HA30000B1 |
| | 3500K | 90 | 27.5 | 30.5 | 173 | L130-3590HA30000B1 |
| | 4000K | 90 | 28.5 | 31.5 | 179 | L130-4090HA30000B1 |
| | 5000K | 90 | 28.5 | 31.5 | 179 | L130-5090HA30000B1 |
| | 5700K | 90 | 28.5 | 31.5 | 179 | L130-5790HA30000B1 |
| | 6500K | 90 | 28.0 | 31.0 | 176 | L130-6590HA30000B1 |

Notes:

1. Correlated color temperature is not targeted at T_j=85°C.
2. Luminous flux and CRI are specified at T_j=25°C. Typical CRI is approximately 2 points higher than the minimum CRI specified, but this is not guaranteed.
3. Lumileds maintains a tolerance of ±2 on CRI and ±7.5% on luminous flux measurements.

LUXEON 3030 HE Plus for Horticulture product performance at 65mA, T_j=25°C.

| NOMINAL CCT ^[1] | MINIMUM CRI ^[2, 3] | PPF (μmol/s) ^[2, 3, 4] | | PPF/W TYPICAL (μmol/J) | PART NUMBER |
|----------------------------|-------------------------------|-----------------------------------|---------|------------------------|--------------------|
| | | MINIMUM | TYPICAL | | |
| 2200K | 70 | 0.422 | 0.464 | 2.634 | L130-2270HA30000B1 |
| 3000K | 70 | 0.443 | 0.487 | 2.762 | L130-3070HA30000B1 |
| 3500K | 70 | 0.455 | 0.500 | 2.839 | L130-3570HA30000B1 |
| 4000K | 70 | 0.458 | 0.503 | 2.858 | L130-4070HA30000B1 |
| 5000K | 70 | 0.466 | 0.512 | 2.906 | L130-5070HA30000B1 |
| 5700K | 70 | 0.466 | 0.512 | 2.904 | L130-5770HA30000B1 |
| 6500K | 70 | 0.468 | 0.514 | 2.919 | L130-6570HA30000B1 |
| 2700K | 80 | 0.438 | 0.481 | 2.732 | L130-2780HA30000B1 |
| 3000K | 80 | 0.448 | 0.492 | 2.793 | L130-3080HA30000B1 |
| 3500K | 80 | 0.450 | 0.494 | 2.806 | L130-3580HA30000B1 |
| 4000K | 80 | 0.459 | 0.505 | 2.865 | L130-4080HA30000B1 |
| 5000K | 80 | 0.46 | 0.506 | 2.871 | L130-5080HA30000B1 |
| 5700K | 80 | 0.453 | 0.498 | 2.826 | L130-5780HA30000B1 |
| 6500K | 80 | 0.463 | 0.509 | 2.889 | L130-6580HA30000B1 |
| 2700K | 90 | 0.420 | 0.462 | 2.622 | L130-2790HA30000B1 |
| 3000K | 90 | 0.426 | 0.469 | 2.660 | L130-3090HA30000B1 |
| 3500K | 90 | 0.429 | 0.472 | 2.679 | L130-3590HA30000B1 |
| 4000K | 90 | 0.437 | 0.481 | 2.729 | L130-4090HA30000B1 |
| 5000K | 90 | 0.435 | 0.478 | 2.714 | L130-5090HA30000B1 |
| 5700K | 90 | 0.441 | 0.485 | 2.753 | L130-5790HA30000B1 |
| 6500K | 90 | 0.446 | 0.490 | 2.783 | L130-6590HA30000B1 |

Notes:

1. Correlated color temperature is not targeted at T_j=85°C.
2. CRI and PPF are specified at T_j=25°. Typical CRI is approximately 2 points higher than the minimum CRI specified, but this is not guaranteed.
3. Lumileds maintains a tolerance of ±2 on CRI and ±7.5% on PPF.
4. PPF data is calculated from luminous flux measurements.