

Measurement results of the main luminous parameters

| Luminous flux | Input power | Luminous efficacy | LOR | DWFF | Luminous intensity (g=0) |
|---------------|-------------|-------------------|---------|---------|--------------------------|
| 2153.3 lm | 23.80 W | 90.5 lm/W | 100.0 % | 100.0 % | 5258 cd |

Beam widths at two perpendicular planes

| | Beam angle, FWHM, 50% (deg) | Beam angle, 10% (deg) | Effective beam direction from g=0 |
|---------|-----------------------------|-----------------------|-----------------------------------|
| C0-180 | 33.1 | 66.8 | 0.0 |
| C90-270 | 33.0 | 66.7 | -0.0 |

Energy class is calculated on the basis of the light distribution and luminous efficacy according to Annex VII of Regulation (EU) No 874/2012

| Energy Efficiency Index EEI | Energy Efficiency Class |
|-----------------------------|-------------------------|
| 0.154 | A+ |

