

## Measurement results of the main luminous parameters

| Luminous flux | Input power | Luminous efficacy | LOR     | DWFF   | Luminous intensity (g=0) |
|---------------|-------------|-------------------|---------|--------|--------------------------|
| 109.1 lm      | 4.30 W      | 25.4 lm/W         | 100.0 % | 99.9 % | 13 cd                    |

Beam widths at two perpendicular planes

|         | Beam angle, FWHM, 50% (deg) | Beam angle, 10% (deg) | Effective beam direction from g=0 |
|---------|-----------------------------|-----------------------|-----------------------------------|
| C0-180  | 111.1                       | 165.1                 | 0.0                               |
| C90-270 | 110.0                       | 161.3                 | 34.4                              |

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 |
|-----------------------------|-------------------------|
| 0.291                       | B                       |

