

**Measurement results of the main luminous parameters**

Luminous flux	Input power	Luminous efficacy	LOR	DWFF	Luminous intensity (g=0)
2715.3 lm	23.40 W	116.0 lm/W	100.0 %	99.5 %	859 cd

Beam widths at two perpendicular planes

	Beam angle, FWHM, 50% (deg)	Beam angle, 10% (deg)	Effective beam direction from g=0
C0-180	119.0	170.4	-0.0
C90-270	119.4	170.9	-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
0.117	A+

