

## Measurement results of the main luminous parameters

Luminous flux	Input power	Luminous efficacy	LOR	DWFF	Luminous intensity (g=0)
2268.7 lm	20.73 W	109.5 lm/W	100.0 %	98.4 %	671 cd

Beam widths at two perpendicular planes

	Beam angle, FWHM, 50% (deg)	Beam angle, 10% (deg)	Effective beam direction from g=0
C0-180	97.5	153.4	1.8
C90-270	142.3	185.8	11.4

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
0.124	A+

