

**Measurement results of the main luminous parameters**

Luminous flux	Input power	Luminous efficacy	LOR	DWFF	Luminous intensity (g=0)
1971.1 lm	19.20 W	102.7 lm/W	100.0 %	99.9 %	782 cd

Beam widths at two perpendicular planes

	Beam angle, FWHM, 50% (deg)	Beam angle, 10% (deg)	Effective beam direction from g=0
C0-180	100.7	158.0	-0.0
C90-270	100.8	157.8	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
0.164	A+

