

Measurement results of the main luminous parameters

Luminous flux	Input power	Luminous efficacy	LOR	DWFF	Luminous intensity (g=0)
190.0 lm	20.34 W	9.3 lm/W	100.0 %	99.9 %	65 cd

Beam widths at two perpendicular planes

	Beam angle, FWHM, 50% (deg)	Beam angle, 10% (deg)	Effective beam direction from g=0
C0-180	113.3	160.0	2.6
C90-270	115.1	163.0	-0.8

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
0.948	D

