

6. Photometric characteristics

6.1 Coordinates and tolerances according to CIE 1931

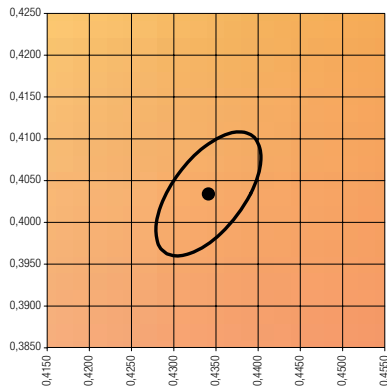
The specified colour coordinates are measured integral by a current impulse of 325 mA and a duration of 100 ms.

The ambient temperature of the measurement is $t_a = 25\text{ °C}$.

The measurement tolerance of the colour coordinates are ± 0.01 .

3,000 K

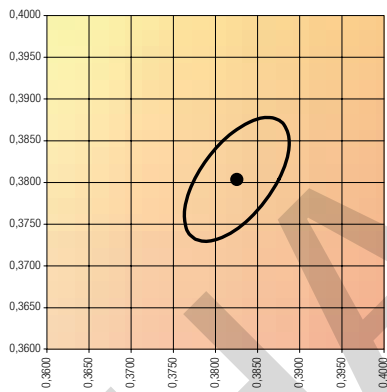
	x0	y0
Centre	0.4344	0.4032



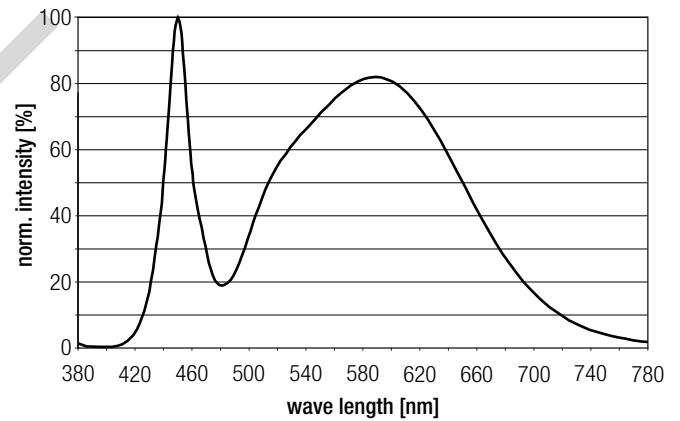
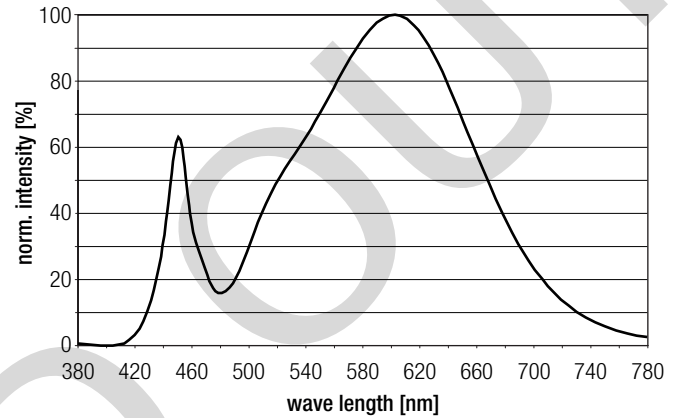
— MacAdam Ellipse: 3SDCM

4,000 K

	x0	y0
Centre	0.3828	0.3803

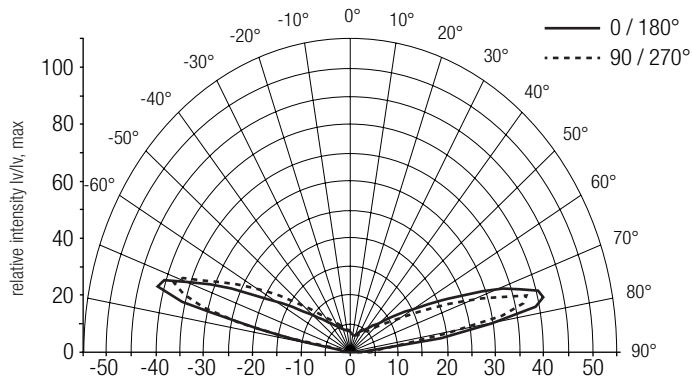


— MacAdam Ellipse: 3SDCM



6.2 Light distribution

The optical design of the TALEX module STARK QLE product line ensures optimum homogeneity for the light distribution.

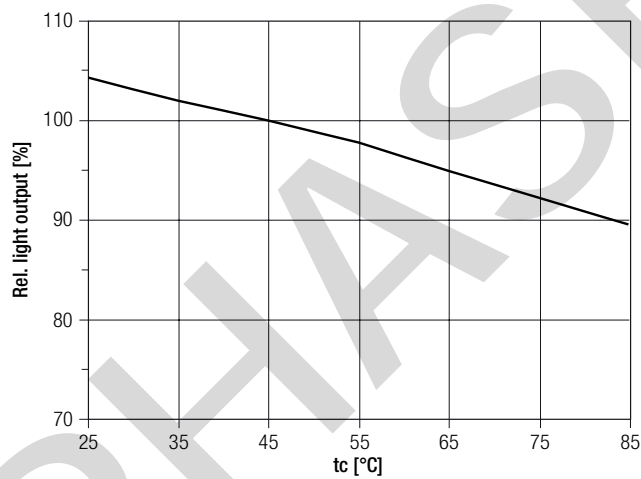


The colour temperature is measured over the complete module. The single LED light points can be outside of 3SDCM.

To ensure an ideal mixture of colours and a homogenous light distribution a suitable optic (e. g. PMMA diffuser) and a sufficient spacing between module and optic (typ. 7 cm) should be used.

For further information see Design-in Guide, 3D data and photometric data on www.tridonic.com or on request.

6.3 Relative luminous flux vs. tc temperature



6.4 Relative luminous flux vs. operating current

