

Spotlight 30° 1) – Application Case

Application requirements

Target application:	Spotlight
Luminaire requirements:	4000lm; CRI 80; FWHM 30°

FA10645_TINA-M²⁾

Optimal light distribution

FWHM 14°

Over 90% optical efficiency

Optimal mechanical design

Double sided tape

Compact size



Results with example lens

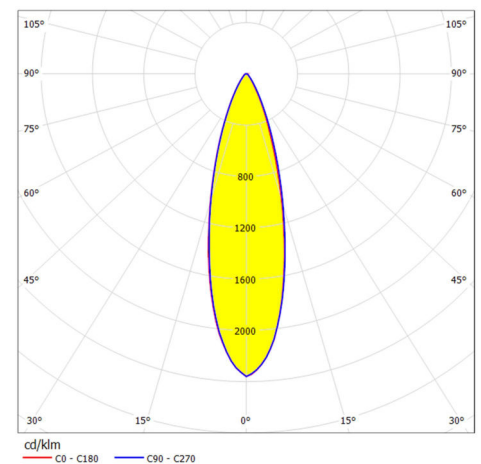
Number of LEDs: 43pcs

Lumen output: ~5000 lumen

Notice

Not all LEDs have CRI over 80

Good thermal design required



1) Spotlight 30° refers to a spotlight design with FWHM angle of 30°.

2) Lens specified in the example is not the only solution for specified application. LEDIL offers other lenses also suitable for the application.