

Wallwashing¹⁾ – Application Case

Application requirements

Target application:	Wallwasher
Target dimensions:	W 8m; H 6m
Luminaire requirements:	Low profile; Efficient
Illuminance requirements:	E_{avg} 50lux; Visually pleasing

CA11998_Emily-SS-was-Tape²⁾

Optimal for wallwashing

- Asymmetric design
- Over 90% optical efficiency

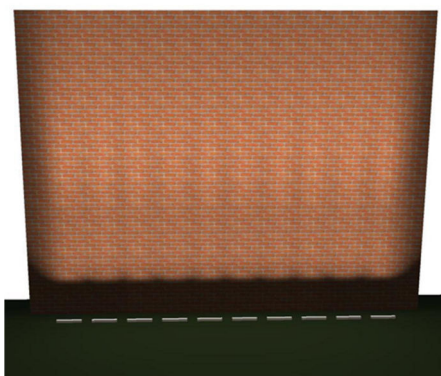
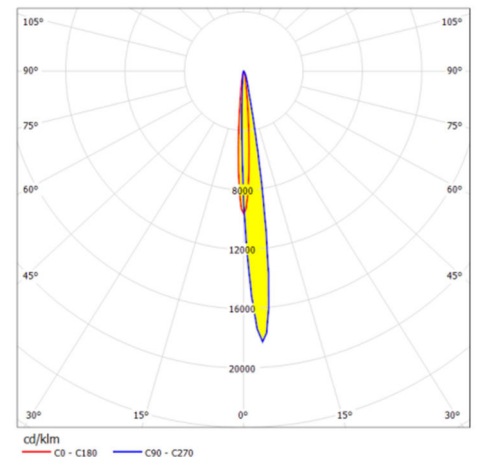
Optimal mechanical design

- Environmental sealing possible
- Double sided tape
- Compact size



Results with example lens

LED output per luminaire: 500 lumen
 Number of luminaires: 10
 Luminaire dimensions: L 500mm; W 35mm; H 40mm
 Light on the wall: Over 50%
 Average illuminance: 53 lux



1) Wallwashing refers to lighting design where wall is evenly illuminated.

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