



FLORENCE-1R-GC – With minimized longitudinal glare

FLORENCE-1R-GC series of optics gives you the control you need to create high quality indoor lighting. A linear form with 24 individual TIR optics provides unsurpassed light control with minimized longitudinal glare. The special optical solution also removes any unwanted color-over-angle artifacts from the beam. These characteristics are the basis of all beams in the product family resulting in a superior lighting experience and low UGR. The narrow design and low profile makes it possible to design contemporary, slim luminaires as well as the possibility to use the lenses in a variety of ways - from recessed and general lighting to uplighters and wall washing applications.

- » Minimized longitudinal glare for better UGR values
- » Good light distribution with optimal LED count
- » Possible to create a slim, blade type of luminaire

FEATURES

- 24 individual optics for better light control
- Minimized longitudinal glare for low UGR values
- Special optical solutions to remove unwanted color-over-angle artefacts
- Optional clips available for easier installation and to form continuous rows

TYPICAL APPLICATIONS

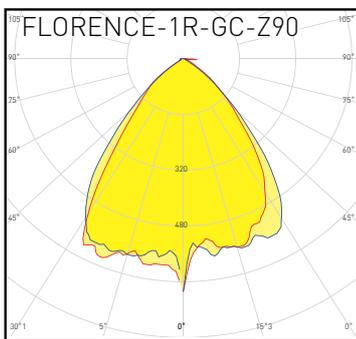
- Office lighting
- Retail lighting
- Low bay
- Interior architectural lighting
- Super market aisle lighting
- Industrial and warehouse corridor lighting

TECHNICAL SPECIFICATIONS

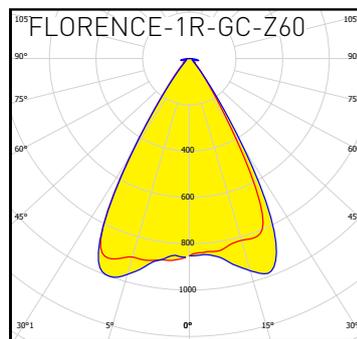
- Height: 8,3 mm
- Dimensions: 282.6 x 19 mm
- Typical efficiency: 92%
- Precision-molded from optical grade PMMA - UL94 HB rated material with operating rating -40°C to +80°C

COMPATIBILITY

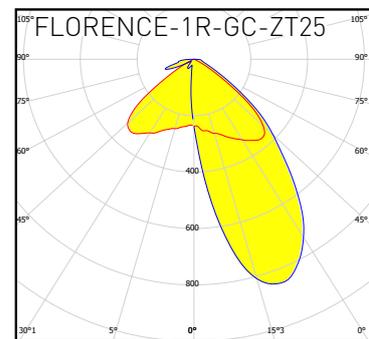
- Compatible with up to 6530 size LED packages
- Number of 1ft and 2ft up to 24 mm wide PCBs



cd/klm
— C0 - C180 — C90 - C270



cd/klm
— C0 - C180 — C90 - C270



cd/klm
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APPLICATION EXAMPLE

OFFICE LIGHTING

Downlight with FLORENCE-1R-GC-Z60

Number of luminaire rows:	7
Number of luminaires in a row:	6 pcs
Number of luminaires/optics used:	42 pcs
Mounting height:	2.54 m
Luminous flux (luminaire):	847 lm
Power:	9.1W
Luminous efficacy:	93.1lm/W

Uplight with FLORENCE-1R-Z90

Number of luminaire rows:	7
Number of luminaires in a row:	6 pcs
Number of luminaires/optics used:	42 pcs
Mounting height:	2.58 m
Luminous flux (luminaire):	2132 lm
Power:	15.3W
Luminous efficacy:	139.8lm/W

Results on workplane at 0.8m

Average	546 lx
Min	233 lx
Max	649 lx
Min/average	0.43 (u0)

ORDERING INFORMATION

F15684_FLORENCE-1R-GC-Z60
 F15216_FLORENCE-1R-GC-Z90
 F15685_FLORENCE-1R-GC-ZT25

Visit www.ledil.com for ordering codes and latest product specifications, which may vary by LED