



FLORENCE-1R-GC – With minimized longitudinal glare

FLORENCE-1R-GC series of optics gives you control you need to make high quality indoor lighting. A linear form with 24 individual TIR optics provides unsurpassed light control and minimized longitudinal glare. The special optical solutions also removes any unwanted color-over-angle artifacts from the beam. These characteristics are the foundation to all the different beam variants in the product family resulting in highly satisfactory lighting and low UGR results. Very narrow design and low profile allows lenses to be used in many different ways - from recessed and general lighting to uplights 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

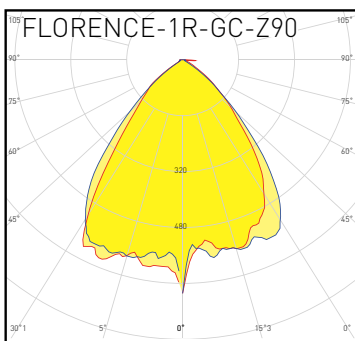
- Office lighting
- Retail lighting
- Low bay
- Interior architectural lighting
- Super market aisle lighting
- Industrial and warehouse corridor lighting

TECHNICAL SPECIFICATIONS

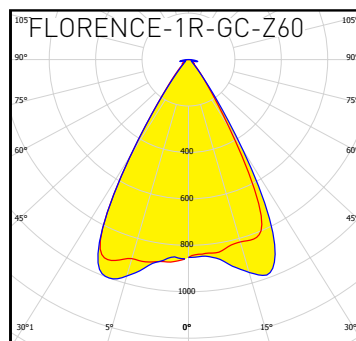
- Height: 8,3 mm
- Dimensions: 282.6 x 19 mm
- Typical efficiency: 92%
- Precision-molded from optical grade PMMA - UL94 HB rated material with operating rating -40°C to +80°C

COMPATIBILITY

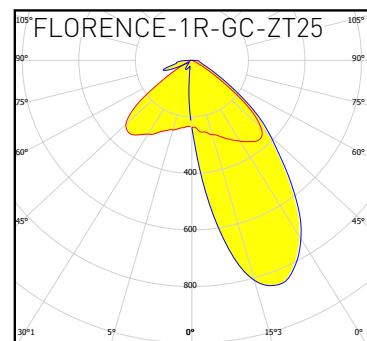
- Compatible with up to 6530 size LED packages
- Number of 1ft and 2ft 24 mm wide PCBs



cd/klm
— C0 - C180 — C90 - C270



cd/klm
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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