

REGENT LINEAR LIGHTING SOLUTIONS

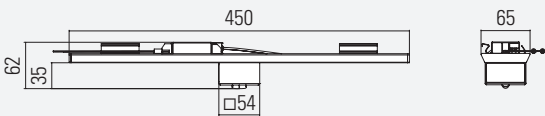
GESSLER FITS IN ANY SYSTEM

The perfect emergency lighting solution for the REGENT linear lighting system of the ICE 344 & TRAQ series. All emergency lighting components are integrated in a REGENT module carrier. This fits perfectly into the overall system, both technically and visually. Two escape sign luminaires with recognition ranges of 24 m and 31 m are available for marking escape and rescue routes. There are also two escape sign cubes with recognition ranges of 25 m and 35 m.

In order to illuminate the escape and rescue route correctly according to standards, a variety of high-performance lenses are available. Whichever lens you choose, the illumination of your escape and rescue route complies with the specifications of EN 1838.

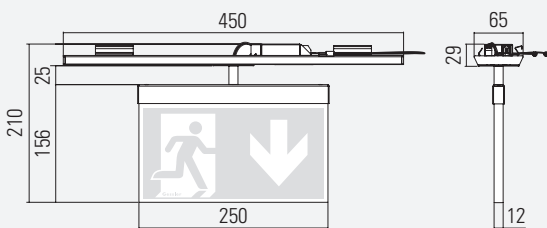


EMERGENCY LUMINAIRE with lens of your choice

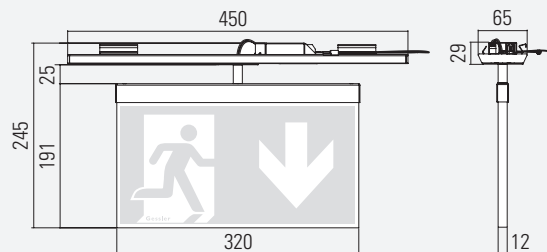


ICE 344

EXIT SIGN LUMINAIRE (24 m)



EXIT SIGN LUMINAIRE (31 m)





OUR LEDs
HAVE A LIFE
OF > 50,000
HOURS!

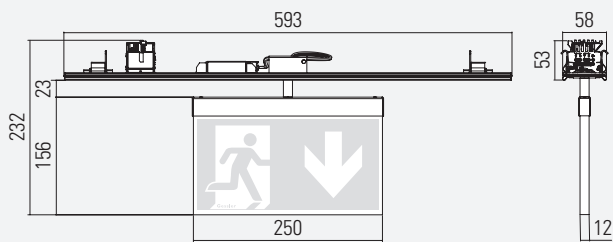


EMERGENCY LUMINAIRE with lens of your choice

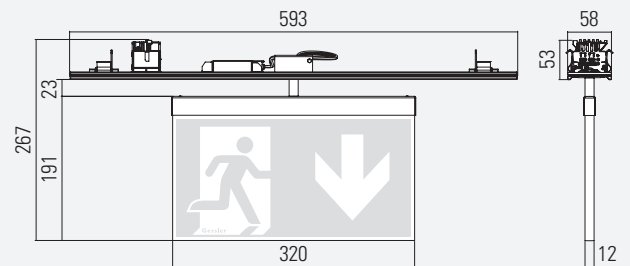


TRAQ

EXIT SIGN LUMINAIRE (24 m)



EXIT SIGN LUMINAIRE (31 m)



LENS VERSIONS

WHICH LENS WOULD YOU LIKE?

Thanks to the modular design of our emergency lighting insert, all the high-performance lenses mentioned here are compatible with all module carriers of the corresponding manufacturers.

TECHNICAL DATA

| | |
|------------------------|----------------|
| Light source | LED |
| Connected load (AC/DC) | 8.5 VA / 5,2 W |

VERSION

| | |
|--------------------|---|
| without monitoring | • |
| with monitoring | • |
| DALI monitoring | |



SYMMETRICAL LENSES FOR OPEN AREAS



S1 LENS
Installation height
up to 12 m



S2 LENS
Installation height
up to 18 m



S3 LENS
Installation height
up to 30 m

ASYMMETRICAL LENSES FOR ESCAPE ROUTES



A1 LENS
Installation height
up to 11 m

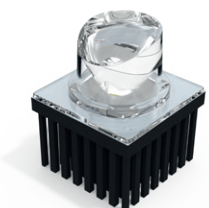


A2 LENS
Installation height
up to 16 m



A3 LENS
Installation height up
to 30 m

5 LX LENSE FOR FOCUSED LIGHT



F1 LENS
Installation height up
to 3,5 m

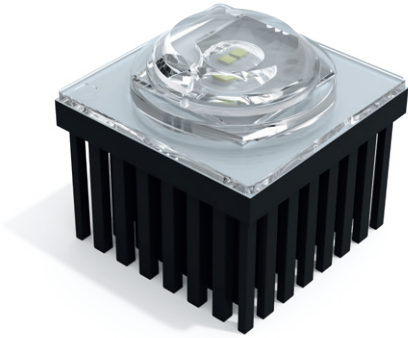
SYMMETRICAL LENSES

LIGHTING DATA (EN 1838)

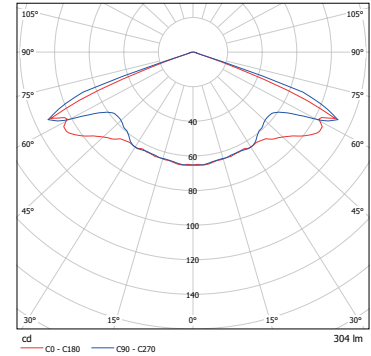
VARIABLE HEIGHTS

Three symmetrical lenses are available. These are optimised for different mounting heights (2 to 30 m). Thanks to the modular design of our lens luminaire series, all the lenses shown are compatible with all enclosures.

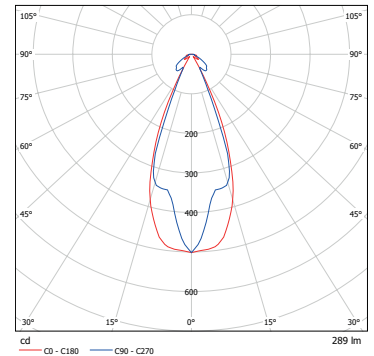
SYMMETRICAL LENSES FOR OPEN AREAS



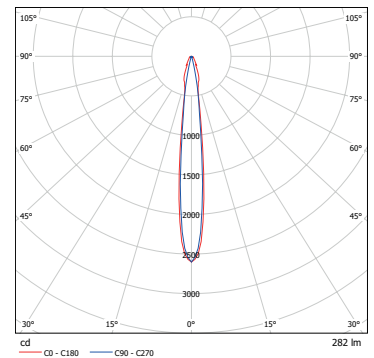
S1 LENS
Installation
height up to
12 m



S2 LENS
Installation
height up to
18 m



S3 LENS
Installation
height up to
30 m



SYMMETRICAL LENSES

LIGHTING DATA (EN 1838)

| Installation height [m] | 1 lx Lighting of escape routes | | | | | | 1 lx Lighting of sales areas (self-service stores) | | | | | | 0.5 lx Lighting of open areas > 60m ² (anti-panic lighting) | | | | | |
|-------------------------|--------------------------------|---------|---------|---------|---------|---------|--|---------|---------|---------|---------|---------|--|---------|---------|---------|---------|---------|
| | | | | | | | | | | | | | | | | | | |
| | S1 lens | S2 lens | S3 lens | S1 lens | S2 lens | S3 lens | S1 lens | S2 lens | S3 lens | S1 lens | S2 lens | S3 lens | S1 lens | S2 lens | S3 lens | S1 lens | S2 lens | S3 lens |
| 2.00 | 4.50 | | | 10.00 | | | 3.25 | | | 7.75 | | | 4.00 | | | 8.25 | | |
| 2.50 | 4.75 | | | 13.50 | | | 4.00 | | | 10.75 | | | 5.25 | | | 11.75 | | |
| 3.00 | 4.25 | | | 13.50 | | | 4.00 | | | 10.75 | | | 5.25 | | | 11.75 | | |
| 4.00 | 4.00 | 2.25 | | 12.75 | 5.00 | | 3.75 | 1.75 | | 12.25 | 5.00 | | 6.00 | 2.25 | | 14.75 | 7.00 | |
| 5.00 | 3.75 | 2.75 | | 11.50 | 6.00 | | 2.50 | 2.00 | | 11.25 | 5.50 | | 5.75 | 2.50 | | 16.50 | 6.75 | |
| 6.00 | 3.25 | 3.00 | | 11.00 | 6.75 | | 2.50 | 2.75 | | 11.50 | 6.00 | | 5.00 | 2.75 | | 16.50 | 7.25 | |
| 7.00 | 2.25 | 3.25 | | 11.25 | 7.75 | | 2.50 | 3.00 | | 11.50 | 6.75 | | 4.75 | 3.00 | | 14.50 | 8.00 | |
| 8.00 | 1.50 | 3.50 | 2.00 | 6.50 | 8.25 | 4.75 | 2.75 | 3.25 | 1.25 | 9.00 | 7.50 | 5.25 | 3.75 | 3.50 | 2.75 | 15.25 | 8.50 | 5.50 |
| 9.00 | | 4.00 | 2.25 | | 9.00 | 5.25 | 1.25 | 3.50 | 1.75 | 10.25 | 8.25 | 5.50 | 2.50 | 4.00 | 1.50 | 17.50 | 9.00 | 6.75 |
| 10.00 | | 4.00 | 2.25 | | 9.50 | 5.50 | 1.25 | 3.75 | 2.25 | 8.00 | 8.75 | 5.75 | 1.75 | 4.25 | 2.00 | 17.75 | 9.75 | 7.00 |
| 11.00 | | 4.25 | 2.50 | | 10.00 | 5.75 | 1.00 | 3.75 | 1.50 | 6.75 | 9.25 | 6.25 | 1.75 | 4.50 | 2.75 | 17.50 | 10.50 | 7.25 |
| 12.00 | | 4.50 | 2.75 | | 10.50 | 6.25 | 1.00 | 4.00 | 1.75 | 5.50 | 9.50 | 6.25 | 1.50 | 4.75 | 3.25 | 17.00 | 11.25 | 7.50 |
| 13.00 | | 4.75 | 2.75 | | 11.00 | 6.50 | | 4.00 | 1.75 | | 10.00 | 6.50 | | 4.50 | 2.75 | | 12.00 | 8.00 |
| 14.00 | | 4.75 | 2.75 | | 11.50 | 6.75 | | 3.75 | 1.75 | | 10.25 | 6.50 | | 5.00 | 3.00 | | 12.50 | 8.25 |
| 15.00 | | 4.50 | 3.00 | | 12.00 | 7.00 | | 3.75 | 1.75 | | 10.50 | 6.75 | | 5.25 | 3.00 | | 13.00 | 8.50 |
| 16.00 | | 4.00 | 3.00 | | 12.50 | 7.50 | | 3.50 | 2.00 | | 10.75 | 6.50 | | 5.25 | 3.00 | | 13.25 | 8.75 |
| 17.00 | | 2.25 | 3.25 | | 12.75 | 7.75 | | 3.00 | 2.00 | | 11.00 | 7.00 | | 5.50 | 3.00 | | 13.75 | 8.75 |
| 18.00 | | 1.75 | 3.25 | | 11.75 | 8.00 | | 2.00 | 2.00 | | 11.00 | 7.00 | | 4.75 | 3.00 | | 14.00 | 9.00 |
| 19.00 | | | 3.25 | | | 8.25 | | | 2.25 | | | 7.25 | | | 3.00 | | | 9.25 |
| 20.00 | | | 3.25 | | | 8.50 | | | 2.25 | | | 7.50 | | | 3.00 | | | 9.50 |
| 21.00 | | | 3.25 | | | 8.75 | | | 2.25 | | | 7.50 | | | 3.00 | | | 9.50 |
| 22.00 | | | 3.25 | | | 8.75 | | | 3.25 | | | 7.50 | | | 3.25 | | | 9.00 |
| 23.00 | | | 3.25 | | | 9.00 | | | 2.50 | | | 8.00 | | | 3.25 | | | 9.50 |
| 24.00 | | | 3.25 | | | 9.25 | | | 2.50 | | | 8.00 | | | 3.25 | | | 10.00 |
| 25.00 | | | 3.25 | | | 9.25 | | | 2.50 | | | 8.25 | | | 3.25 | | | 10.00 |
| 26.00 | | | 3.25 | | | 9.50 | | | 2.75 | | | 8.25 | | | 3.50 | | | 10.25 |
| 27.00 | | | 3.25 | | | 9.50 | | | 2.75 | | | 8.50 | | | 3.75 | | | 10.25 |
| 28.00 | | | 3.25 | | | 9.50 | | | 2.50 | | | 8.75 | | | 3.75 | | | 10.50 |
| 29.00 | | | 3.25 | | | 9.50 | | | 2.50 | | | 8.75 | | | 3.50 | | | 10.75 |
| 30.00 | | | 3.25 | | | 9.50 | | | 2.75 | | | 9.00 | | | 3.75 | | | 10.75 |

This table of distances (in metres) is based on the following factors:
measurement plane 2 cm, maintenance factor MF = 80 %, reflectance: 0

Dated: April 2021

ASYMMETRICAL LENSES

LIGHTING DATA (EN 1838)

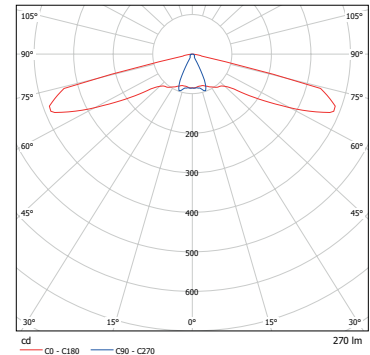
VARIABLE HEIGHTS

Three asymmetrical lenses are available. These are optimised for different mounting heights (2 to 30 m). Thanks to the modular design of our lens luminaire series, all the lenses shown are compatible with all enclosures.

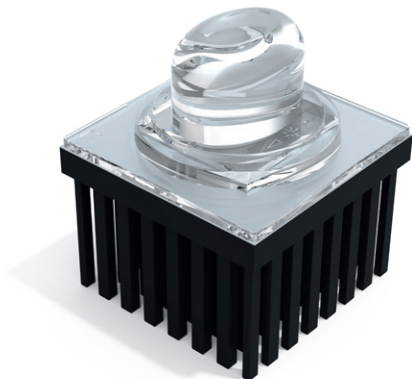
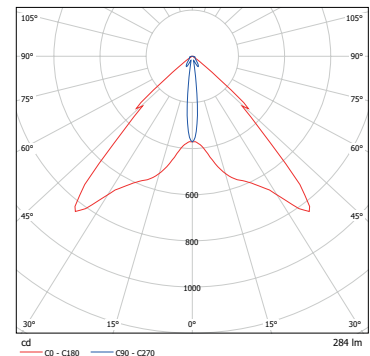
ASYMMETRICAL LENSES FOR ESCAPE ROUTES



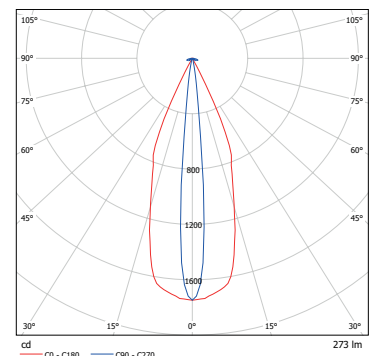
A1 LENS
Installation
height up to
11 m



A2 LENS
Installation
height up to
16 m



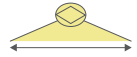


A3 LENS
Installation
height up to
30 m



ASYMMETRICAL LENSES

LIGHTING DATA (EN 1838)

| 1 lx Lighting of escape routes | | | | | | | | | |
|--------------------------------|---|---------|---------|--|---------|---------|---|---------|---------|
| Installation height [m] |  | | |  | | |  | | |
| | A1 lens | A2 lens | A3 lens | A1 lens | A2 lens | A3 lens | A1 lens | A2 lens | A3 lens |
| 2.00 | 7.25 | | | 16.00 | | | 14.25 | | |
| 2.50 | 8.00 | | | 19.00 | | | 17.00 | | |
| 3.00 | 8.50 | | | 21.50 | | | 17.25 | | |
| 4.00 | 9.50 | 4.75 | | 24.50 | 10.50 | | 18.75 | 10.00 | |
| 5.00 | 8.75 | 5.75 | | 26.50 | 12.50 | | 17.50 | 12.00 | |
| 6.00 | 5.25 | 6.75 | | 27.50 | 14.50 | | 10.50 | 14.00 | |
| 7.00 | 4.50 | 7.75 | | 24.00 | 16.75 | | 8.25 | 16.00 | |
| 8.00 | 4.00 | 8.75 | 4.00 | 16.50 | 18.75 | 8.75 | 2.00 | 17.75 | 8.25 |
| 9.00 | 2.75 | 9.00 | 4.50 | 14.50 | 20.75 | 9.75 | | 18.00 | 9.25 |
| 10.00 | 1.00 | 9.50 | 5.00 | 8.50 | 22.25 | 10.50 | | 19.50 | 10.00 |
| 11.00 | 1.00 | 10.25 | 5.50 | 3.75 | 23.75 | 11.50 | | 20.50 | 11.00 |
| 12.00 | | 11.00 | 5.75 | | 25.25 | 12.50 | | 22.00 | 10.75 |
| 13.00 | | 11.50 | 6.25 | | 25.75 | 13.25 | | 23.25 | 12.75 |
| 14.00 | | 12.25 | 6.75 | | 27.00 | 14.25 | | 24.50 | 13.50 |
| 15.00 | | 12.75 | 7.00 | | 28.50 | 15.25 | | 25.75 | 14.25 |
| 16.00 | | 13.25 | 7.50 | | 29.75 | 16.00 | | 26.75 | 15.00 |
| 17.00 | | | 7.75 | | | 17.00 | | | 15.50 |
| 18.00 | | | 8.00 | | | 17.75 | | | 16.00 |
| 19.00 | | | 8.25 | | | 18.50 | | | 16.50 |
| 20.00 | | | 8.50 | | | 19.25 | | | 17.00 |
| 21.00 | | | 8.50 | | | 20.00 | | | 17.00 |
| 22.00 | | | 8.50 | | | 20.75 | | | 17.00 |
| 23.00 | | | 8.25 | | | 21.50 | | | 16.75 |
| 24.00 | | | 8.25 | | | 21.50 | | | 16.50 |
| 25.00 | | | 8.00 | | | 22.00 | | | 16.25 |
| 26.00 | | | 8.00 | | | 22.25 | | | 16.00 |
| 27.00 | | | 8.00 | | | 22.75 | | | 16.00 |
| 28.00 | | | 7.75 | | | 23.00 | | | 15.75 |
| 29.00 | | | 7.75 | | | 23.25 | | | 15.50 |
| 30.00 | | | 7.50 | | | 23.50 | | | 15.00 |

This table of distances (in metres) is based on the following factors:
measurement plane 2 cm, maintenance factor MF = 80 %, reflectance: 0

Dated: April 2021

5 LX LENS

LIGHTING DATA (EN 1838)

The EN 1838 standard requires safety lighting near every fire-fighting and alarm system as well as first-aid equipment. We have developed the F1 lens for this purpose. The high-performance lens focuses the light according to the specifications of EN 1838 so that a vertical illuminance of 5 lx is achieved.

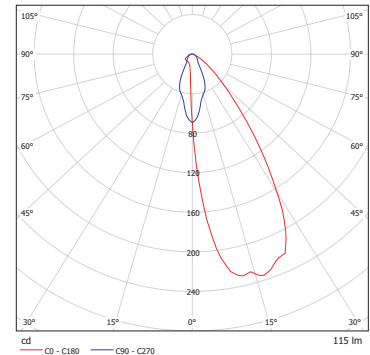
Normative illumination with 5 lx according to EN 1838 and ISO 23601 is required for:

- Fire-fighting equipment (fire extinguishers)
- Safety equipment (first aid boxes)
- Signalling equipment (manual fire detectors)
- Escape and rescue plans

5 LX LENS FOR FOCUSSED LIGHT



F1 LENS
Installation
height up to
3,5 m



The EN 54

Non-automatic fire detectors must be installed at a height of 140 cm (+/- 20 cm) above the floor.

