

LED Spot **LG6** IP20 | IP40 LED



LG6D | IP40 | SYSTEM LUMINAIRE



LG6E | IP20 | SYSTEM LUMINAIRE

The LED Spot LG6 is the round counterpart to the square LED Spot LG5. With the right lens, the LED Spot LG6 is the right choice for any installation height and type of lighting. The modern lens luminaire is designed for lighting open areas and escape routes in accordance with EN 1838.

LED Spot **LG6**

SYSTEM LUMINAIRE

Degree of protection	IP20 recessed IP40 surface mounted
Class	I
Enclosure material	Sheet steel
Enclosure colour/surface	RAL 9016 white
Terminal block	3 x 2.5 [□] for through wiring
Light source	LED
Ambient temperature	-20° C to +40° C
Connected load (AC/DC)	8.5 VA/5.2 W
Supply voltage	230V ± 10 %, 50/60 Hz / 176-275 V DC

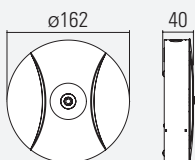
VERSIONS

1 h with auto-check with BUS check	
3 h with auto-check with BUS check	
8 h with auto-check with BUS check	
without monitoring module	•
with monitoring module	•
with DALI monitoring	

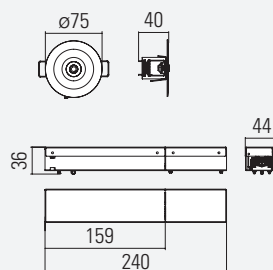
OPTIONS /ACCESSORIES

- Enclosure colours RAL 7024 (graphite grey) | Other colours on request

CEILING MOUNTED

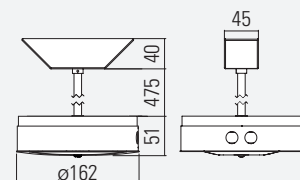


RECESSED CEILING INSTALLATION



Ceiling cutout: \varnothing 60 mm
 Maximum ceiling thickness: 40 mm
 Minimum clear ceiling height: 120 mm

PENDANT



LENS VERSIONS

VARIABLE HEIGHTS

Three symmetrical and three asymmetrical lenses are available for you to choose from. These are optimised for different installation heights (2 to 30m).

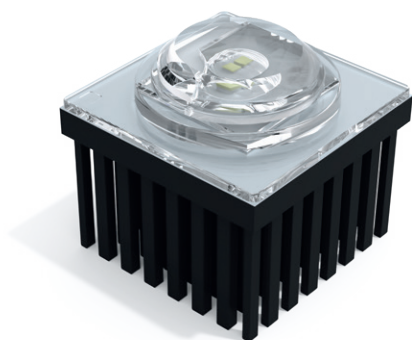
Thanks to the modular design of our lens luminaire series, all the lenses shown are compatible with all enclosures.

Thus, for the first time, the chosen luminaire design can be continued uniformly in all areas and at all installation heights of your project.

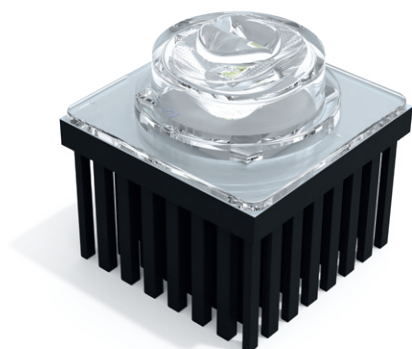
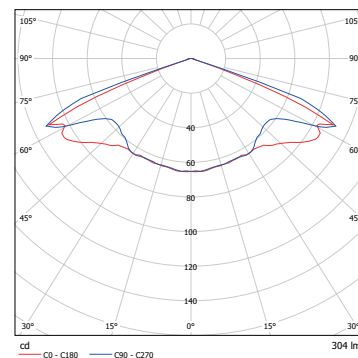
TECHNICAL DATA

Light source	LED
Connected load (AC/DC)	8.5 VA / 5,2 W
VERSION	
without monitoring	•
with monitoring	•
DALI monitoring	

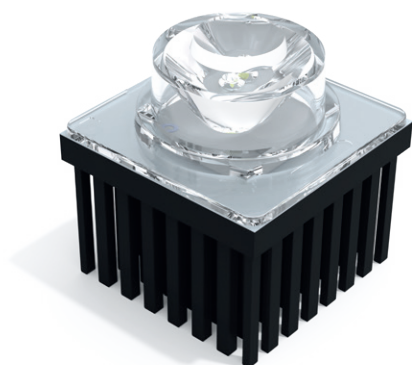
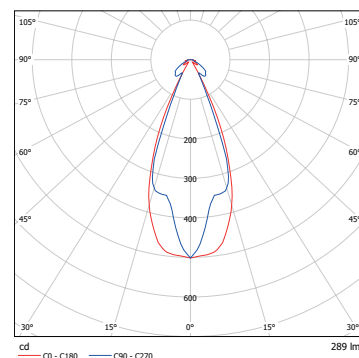
SYMMETRICAL LENSES FOR OPEN AREAS



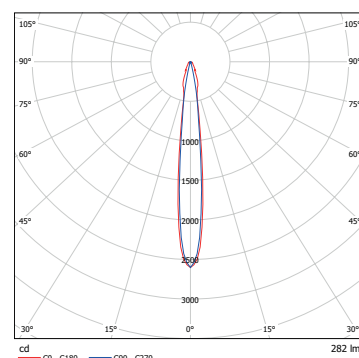
S1 LENS
Installation height up to 12 m



S2 LENS
Installation height up to 18 m



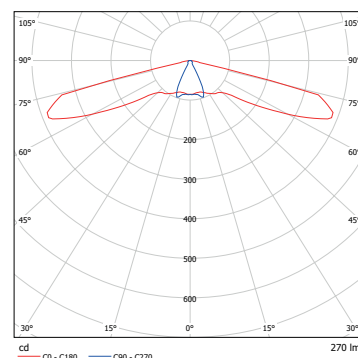
S3 LENS
Installation height up to 30 m



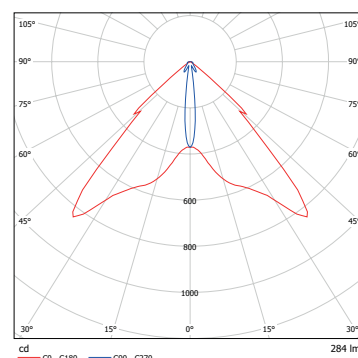
ASYMMETRICAL LENSES FOR ESCAPE ROUTES



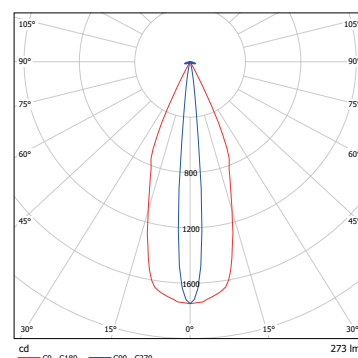
A1 LENS
Installation
height up to
11 m



A2 LENS
Installation
height up to
16 m



A3 LENS
Installation
height up to
30 m



SYMMETRICAL LENSES

LIGHTING DATA (EN 1838)



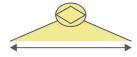
Installation height [m]	1 lx Lighting of escape routes						1 lx Lighting of sales areas (self-service stores)						0.5 lx Lighting of open areas > 60m ² (anti-panic lighting)					
	S1 lens		S2 lens		S3 lens		S1 lens		S2 lens		S3 lens		S1 lens		S2 lens		S3 lens	
2.00	4.50			10.00			3.25			7.75			4.00			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: March 2020

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: March 2020