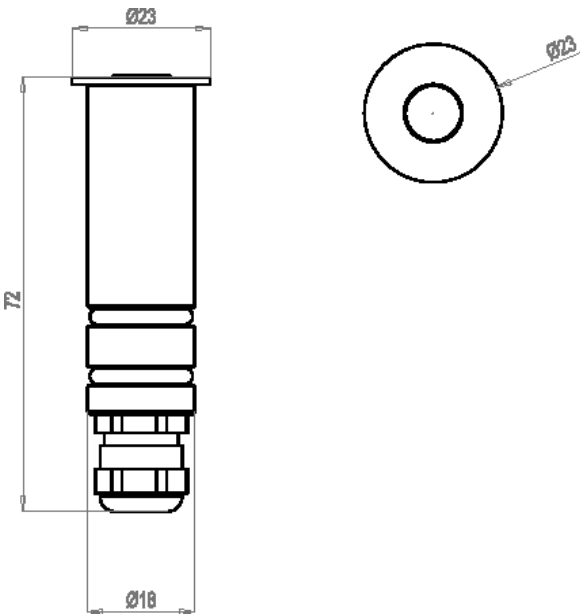


Gemma 20 IP68

Recessed Light | IP68 | Class III | Dimmable



LIGHT SOURCE & OPTIC

Power

1,5W
1W
2W

Lens

15°/30°/40°
Frosted Glass
Trasparent Glass
Elliptical Lens

Beam Direction

Fixed

Material

PMMA

LED quantity

1

Binning

2 MacAdam steps

Color temperature & quality

2200K CRI>80
2700K CRI>90
3000K CRI>90
4000K CRI>80

Lifetime (Ta 25°)

L90 >60.000 hrs

Source flux (3000K CRI>90)

86 lm (350mA) / 111 lm (500mA)

FIXTURE

Dimensions

Ø 23mm x H 72mm

Material

Stainless Steel AISI316L

Body finishes

Stainless Steel AISI316L

Weight

120gr

Mounting

Recessed

Fixing

Wall, Ceiling, Floor Recessed

Working temperature

-20° / +40°

ELECTRICAL FEATURES

Power supply

Main Voltage:
12Vdc
350 mA
500 mA

Driver requirement

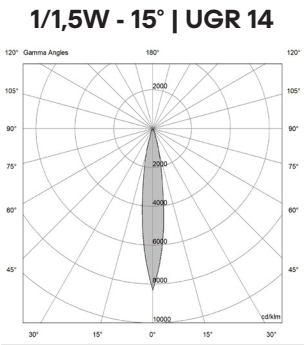
Remote (not included)

Control

On/off
Push switch
Phase Cut
0/1-10 V
Casambi
DALI

Gemma 20 IP68

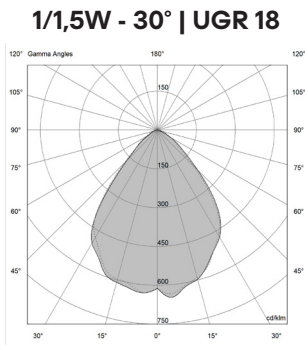
PHOTOMETRIC DATA (3000K CRI>90)



H (m)	D (m)	Eav (lx)
1	0.26	577
2	0.52	144
3	0.79	64
4	1.05	36
5	1.31	23

Total lumen output
69 lm

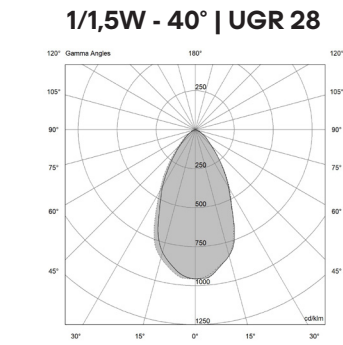
Efficacy
73 lm/W



H (m)	D (m)	Eav (lx)
1	0.37	302
2	0.74	76
3	1.1	34
4	1.47	19
5	1.84	12

Total lumen output
63 lm

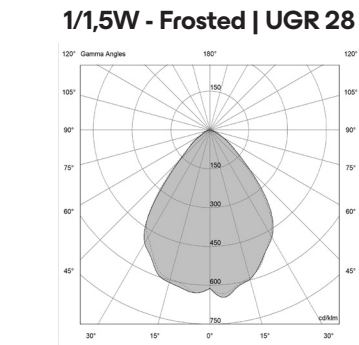
Efficacy
64 lm/W



H (m)	D (m)	Eav (lx)
1	1.10	52
2	2.19	13
3	3.29	6
4	4.38	3
5	5.48	2

Total lumen output
54 lm

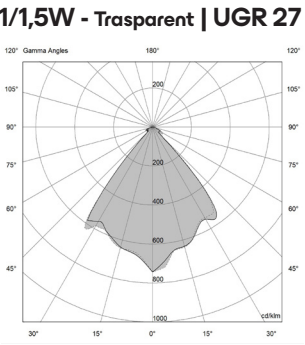
Efficacy
54 lm/W



H (m)	D (m)	Eav (lx)
1	1.63	20
2	3.26	5
3	4.90	2
4	6.53	1
5	8.16	1

Total lumen output
31 lm

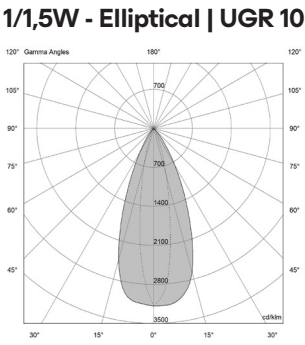
Efficacy
31 lm/W



H (m)	D (m)	Eav (lx)
1	1.65	31
2	3.31	8
3	4.96	3
4	6.62	2
5	8.27	1

Total lumen output
41 lm

Efficacy
41 lm/W



H (m)	D (m)	Eav (lx)
1	0.34	182
2	0.69	46
3	1.03	20
4	1.37	11
5	1.71	7

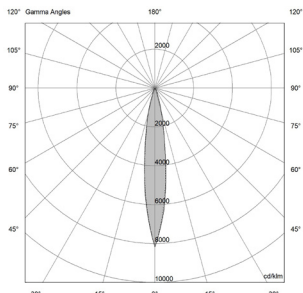
Total lumen output
57 lm

Efficacy
58 lm/W

Gemma 20 IP68

PHOTOMETRIC DATA (3000K CRI>90)

2W - 15° | UGR 15

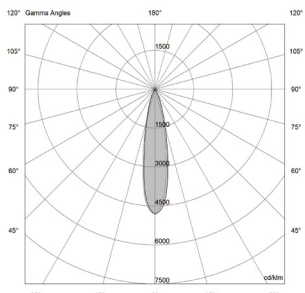


H (m)	D (m)	Eav (lx)
1	0.26	759
2	0.53	240
3	0.79	84
4	1.05	47
5	1.32	30

Total lumen output
93 lm

Efficacy
48 lm/W

2W - 30° | UGR 20

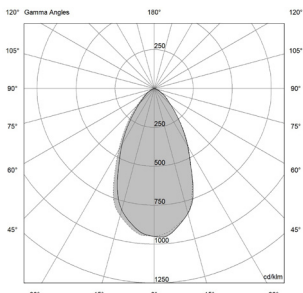


H (m)	D (m)	Eav (lx)
1	0.37	394
2	0.74	98
3	1.10	44
4	1.47	25
5	1.84	16

Total lumen output
81 lm

Efficacy
42 lm/W

2W - 40° | UGR 29

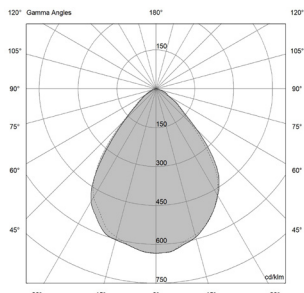


H (m)	D (m)	Eav (lx)
1	1.09	69
2	2.18	17
3	3.27	8
4	4.37	4
5	5.46	3

Total lumen output
73 lm

Efficacy
36 lm/W

2W - Frosted | UGR 29

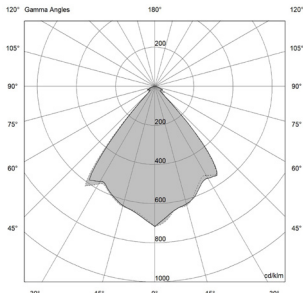


H (m)	D (m)	Eav (lx)
1	1.65	27
2	3.31	7
3	4.96	3
4	6.62	2
5	8.27	1

Total lumen output
43 lm

Efficacy
21 lm/W

2W - Trasparent | UGR 29

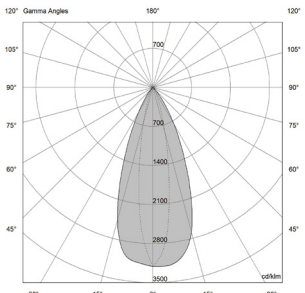


H (m)	D (m)	Eav (lx)
1	1.67	40
2	3.33	10
3	5.00	4
4	6.67	3
5	8.34	2

Total lumen output
56 lm

Efficacy
28 lm/W

2W - Elliptical | UGR 11



H (m)	D (m)	Eav (lx)
1	0.34	248
2	0.68	62
3	1.02	28
4	1.36	16
5	1.70	10

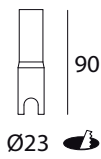
Total lumen output
77 lm

Efficacy
39 lm/W

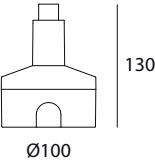
Gemma 20 IP68

INSTALLATION ACCESSORIES

Plastic recessed box (A00285.40)
Ø21



Plastic recessed box (A00326.40)
Ø20

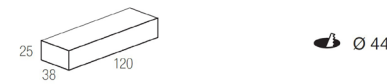


SUGGESTED REMOTE DRIVER

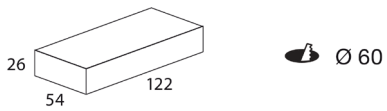
On/off:
CC14-F-350-PI / CC14-F-500-PI



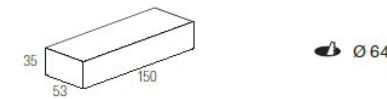
CV20-F-12-PI



Multifunction (DALI 2, 0/1-10V, PUSH):
CC20-D-350-P / CC25-D-500-P



CV60-D-12-PM



Other options upon request