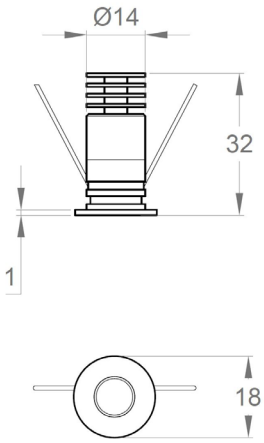
Gemma 18 m

Indoor | Small recessed | IP40 | Class III | Dimmable





LIGHT SOURCE & OPTIC

Power
1W
2W

Lens
10°/25°/40°/130°
Elliptical

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>90

Lifetime (Ta 25°)
L_{90} >60.000 hrs

Source Flux (3000K CRI>90)
86 lm @ 350 mA / 111 lm @ 500 mA

FIXTURE

Dimensions
Ø 18mm x H 32mm

Material
Aluminium

Body finishes
Black
Bronze
Gray
White (RAL9003)
Shiny chrome

Weight
15 gr

Mounting
Recessed: cut out Ø 14 mm

Fixing
Springs

Working temperature
-20° / +40°

ELECTRICAL FEATURES

Power supply
Constant current:
350 mA
500 mA
Typical Vf= 3V

Driver requirement
Remote (not included)

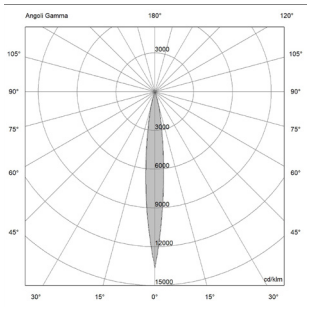
Control
On/off
Push switch
Phase Cut
0/1-10 V
Casambi
DALI

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Gemma 18 m

PHOTOMETRIC DATA (3000K CRI>90)

1W - 10° | UGR 1

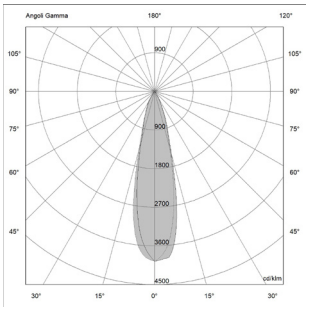


H (m)	D (m)	Eav (lx)
1	0.20	496
2	0.41	124
3	0.61	55
4	0.82	31
5	1.02	20

Total lumen output
60 lm

Efficacy
60 lm/W

1W - 25° | UGR 20

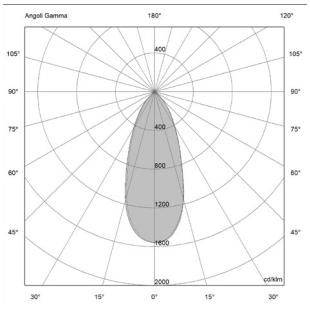


H (m)	D (m)	Eav (lx)
1	0.45	168
2	0.90	42
3	1.34	19
4	1.79	11
5	2.24	7

Total lumen output
66 lm

Efficacy
66 lm/W

1W - 40° | UGR 25

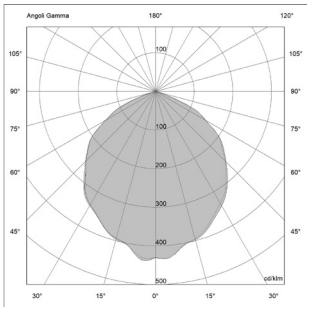


H (m)	D (m)	Eav (lx)
1	0.75	41
2	1.49	10
3	2.24	5
4	2.99	3
5	3.73	2

Total lumen output
44 lm

Efficacy
44 lm/W

1W - 130° | UGR 37

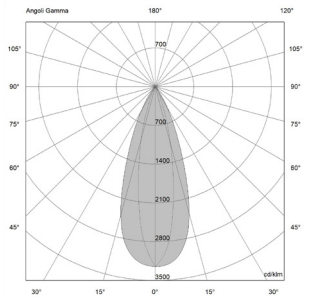


H (m)	D (m)	Eav (lx)
1	2.50	9
2	5.00	2
3	7.50	1
4	10.00	1
5	12.51	0

Total lumen output
75 lm

Efficacy
75 lm/W

1W - Elliptical | UGR 21



H (m)	D (m)	Eav (lx)
1	0.39-0.71	86
2	0.78-1.42	21
3	1.17-2.14	10
4	1.56-2.85	5
5	1.96-3.56	3

Total lumen output
42 lm

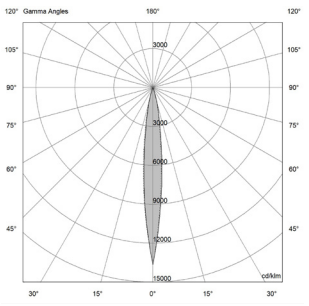
Efficacy
42 lm/W

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Gemma 18 m

PHOTOMETRIC DATA (3000K CRI>90)

2W - 10° | UGR 1

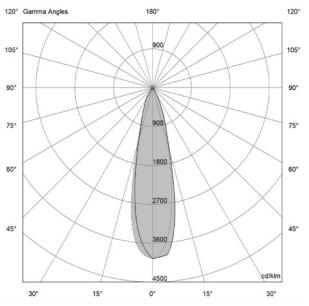


H (m)	D (m)	Eav (lx)
1	0.20	666
2	0.41	166
3	0.61	74
4	0.82	42
5	1.02	27

Total lumen output
80 lm

Efficacy
40 lm/W

2W - 25° | UGR 21

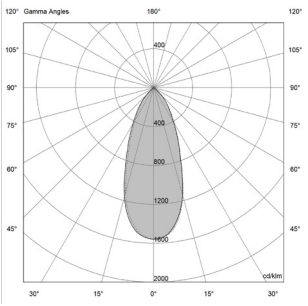


H (m)	D (m)	Eav (lx)
1	0.45	224
2	0.90	56
3	1.34	25
4	1.79	14
5	2.24	9

Total lumen output
88 lm

Efficacy
44 lm/W

2W - 40° | UGR 27

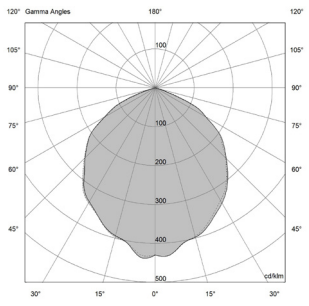


H (m)	D (m)	Eav (lx)
1	0.75	55
2	1.50	14
3	2.25	6
4	3.00	3
5	3.75	2

Total lumen output
59 lm

Efficacy
30 lm/W

2W - 130° | UGR 38

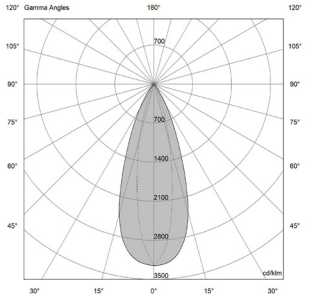


H (m)	D (m)	Eav (lx)
1	2.55	12
2	5.10	3
3	7.66	1
4	10.21	1
5	12.76	0

Total lumen output
100 lm

Efficacy
50 lm/W

2W - Elliptical | UGR 22



H (m)	D (m)	Eav (lx)
1	0.39-0.72	114
2	0.78-1.43	29
3	1.18-2.15	13
4	1.57-2.87	7
5	1.96-3.58	5

Total lumen output
56 lm

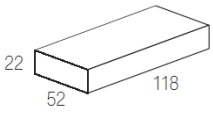
Efficacy
28 lm/W

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Gemma 18 m

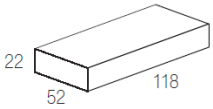
SUGGESTED REMOTE DRIVER

On/off:
CC20-F-350-N / CC20-F-500-N



Ø 55

Multifunction (DALI 2, 0/1-10V, PUSH):
CC25-DM-350-N / CC25-DM-500-N



Ø 55

Other options upon request

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