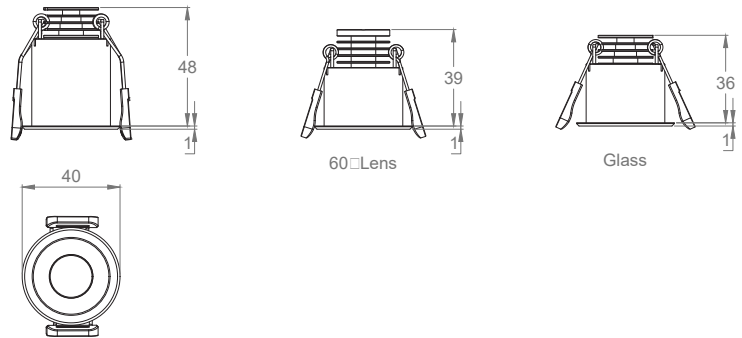


Gemma 40 Am

Small recessed | IP40 | Class III | Dimmable



LIGHT SOURCE & OPTIC

Power

1W
2W
3W

Lens

10°
30°
60°
Frosted glass
Transparent glass

Beam Direction

Fixed - Symmetrical

Material

PMMA

LED quantity

1

Binning

2 MacAdam steps

Color temperature & quality

2200K CRI>80
2700K CRI>80
3000K CRI>80/90
4000K CRI>80
5000K CRI>80
RGBW

Lifetime

(L90) >55.000 hrs

FIXTURE

Dimensions

Ø 40mm x H 48mm
Ø 40mm x H 39mm (60° Lens)
Ø 40mm x H 35.6mm (Transparent Glass-Frosted Glass)

Material

Aluminium
Brass

Body finishes

Black
Bronze
Gray
Shiny Chrome
White (RAL 9003)

Weight

75gr

Mounting

Recessed: cut out Ø 35mm

Fixing

Springs

Working temperature

-20° / +40°

ELECTRICAL FEATURES

Power supply

Constant current:
350 mA
500 mA
700 mA (RGBW)
Typical Vf= 3V (1W-2W)
Typical Vf= 3V (3W)

Driver requirement

Remote (not included)

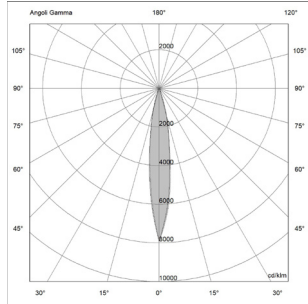
Control

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

Gemma 40 Am

PHOTOMETRIC DATA (3000K CRI>80)

1W - 10° | UGR 19

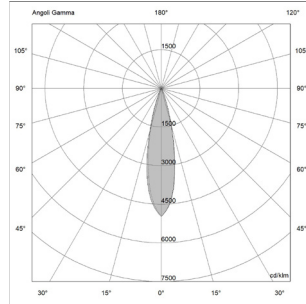


H (m)	D (m)	Eav (lx)
1	0.27	605
2	0.54	151
3	0.81	67
4	1.08	38
5	1.35	24

Total lumen output
76 lm

Efficacy
76 lm/W

1W - 30° | UGR 19

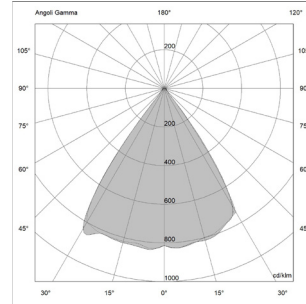


H (m)	D (m)	Eav (lx)
1	0.43	389
2	0.86	97
3	1.28	43
4	1.71	24
5	2.14	16

Total lumen output
78 lm

Efficacy
78 lm/W

1W - 60° | UGR 25

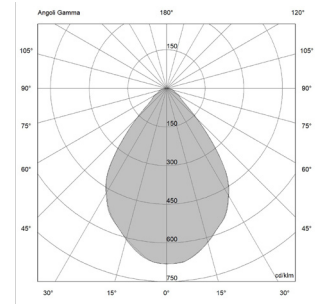


H (m)	D (m)	Eav (lx)
1	1.41	92
2	2.82	23
3	4.23	10
4	5.64	6
5	7.04	4

Total lumen output
111 lm

Efficacy
111 lm/W

1W - F.G. | UGR 28

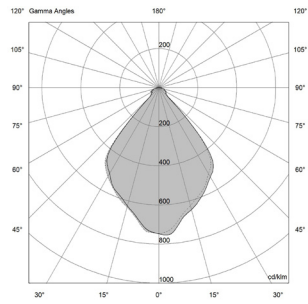


H (m)	D (m)	Eav (lx)
1	1.54	48
2	3.08	12
3	4.62	5
4	6.16	3
5	7.70	2

Total lumen output
71 lm

Efficacy
71 lm/W

1W - T.G. | UGR 28



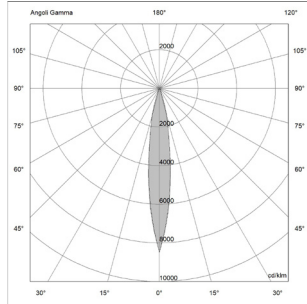
H (m)	D (m)	Eav (lx)
1	1.63	65
2	3.26	16
3	4.89	7
4	6.52	4
5	8.14	3

Total lumen output
86 lm

Efficacy
86 lm/W

Gemma 40 Am

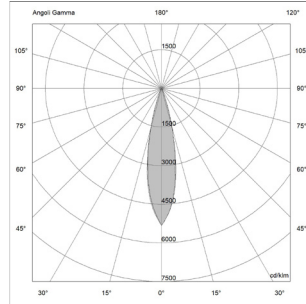
PHOTOMETRIC DATA (3000K CRI>80)

2W - 10° | UGR 11


H (m)	D (m)	Eav (lx)
1	0.27	785
2	0.53	196
3	0.80	87
4	1.06	49
5	1.33	31

Total lumen output
92 lm

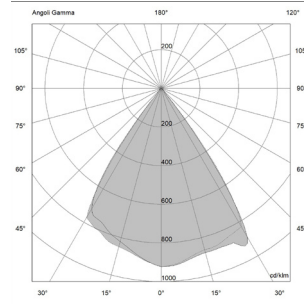
Efficacy
46 lm/W

2W - 30° | UGR 11


H (m)	D (m)	Eav (lx)
1	0.41	495
2	0.82	124
3	1.22	55
4	1.63	31
5	2.04	20

Total lumen output
93 lm

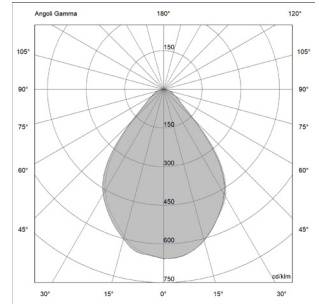
Efficacy
46 lm/W

2W - 60° | UGR 24


H (m)	D (m)	Eav (lx)
1	1.39	119
2	2.79	30
3	4.18	13
4	5.57	7
5	6.97	5

Total lumen output
129 lm

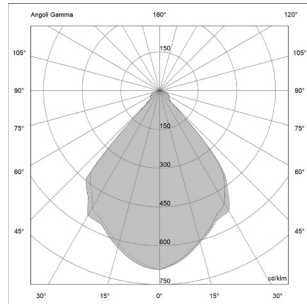
Efficacy
64 lm/W

2W - F.G. | UGR 28


H (m)	D (m)	Eav (lx)
1	1.60	56
2	3.20	14
3	4.80	6
4	6.40	4
5	7.99	2

Total lumen output
86 lm

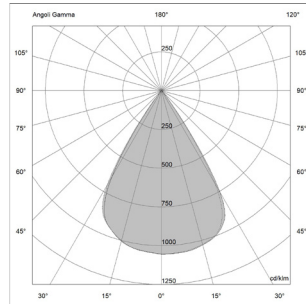
Efficacy
43 lm/W

2W - T.G. | UGR 29


H (m)	D (m)	Eav (lx)
1	1.71	72
2	3.42	18
3	5.13	8
4	6.84	5
5	8.55	3

Total lumen output
104 lm

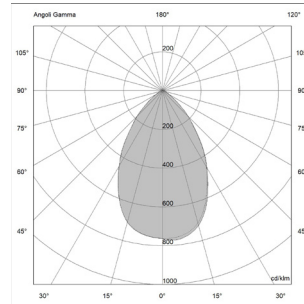
Efficacy
52 lm/W

3W - 60° | UGR 25


H (m)	D (m)	Eav (lx)
1	1.25	277
2	2.49	69
3	3.74	31
4	4.98	17
5	6.23	11

Total lumen output
262 lm

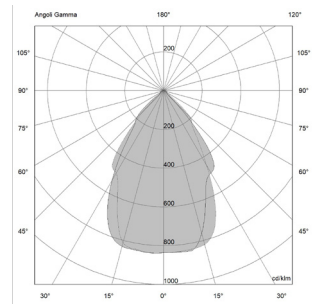
Efficacy
87 lm/W

3W - F.G. | UGR 29


H (m)	D (m)	Eav (lx)
1	1.33	112
2	2.67	28
3	4.00	12
4	5.33	7
5	6.67	4

Total lumen output
145 lm

Efficacy
48 lm/W

3W - T.G. | UGR 27


H (m)	D (m)	Eav (lx)
1	1.39	151
2	2.78	38
3	4.18	17
4	5.57	9
5	6.96	6

Total lumen output
181 lm

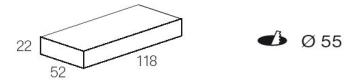
Efficacy
60 lm/W

Gemma 40 Am

SUGGESTED REMOTE DRIVER

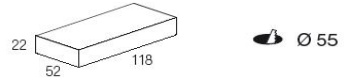
On/Off :

CC20-F-350/500-N



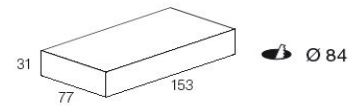
Multifunction (DALI 2, 0/1-10V, PUSH RIPPLE FREE, AM DIMMING):

CC25-DM-350/500-N



DMX, RIPPLE FREE, DIM TO DARK:

CC50-X-700-NL



Other options upon request