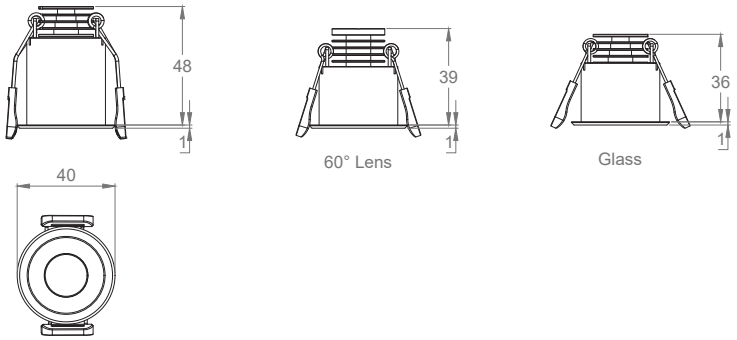
Gemma 40 Am

Indoor | 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 (Ta 25°)
L_{90} >55.000 hrs

Source Flux (3000K CRI>90)
120 lm @ 350 mA / 162 lm @ 500 mA / 214 lm @ 700 mA

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= 9V (3W)

Driver requirement
Remote (not included)

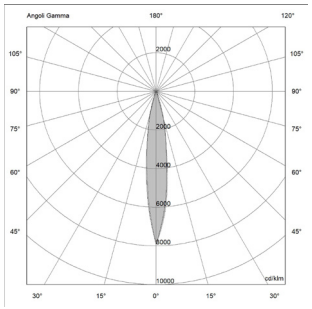
Control
On/off
Push switch
Phase Cut
0/1-10 V
Casambi
DALI

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Gemma 40 Am

PHOTOMETRIC DATA (3000K CRI>80)

1W - 10° | UGR 19

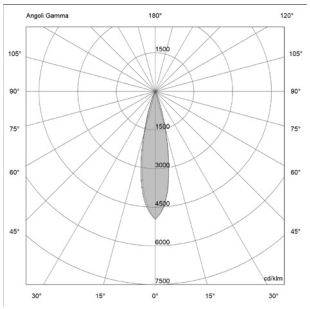


H (m)	D (m)	Eav (lx)
1	0.27	371
2	0.54	93
3	0.81	41
4	1.08	23
5	1.35	15

Total lumen output
76 lm

Efficacy
76 lm/W

1W - 30° | UGR 19

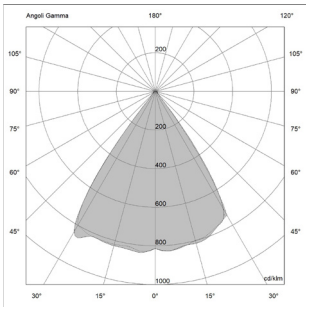


H (m)	D (m)	Eav (lx)
1	0.41	243
2	0.81	61
3	1.22	27
4	1.62	15
5	2.03	10

Total lumen output
78 lm

Efficacy
78 lm/W

1W - 60° | UGR 25

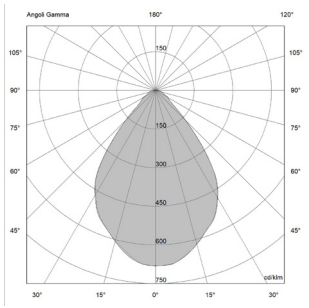


H (m)	D (m)	Eav (lx)
1	1.41	50
2	2.82	13
3	4.23	6
4	5.64	3
5	7.04	2

Total lumen output
111 lm

Efficacy
111 lm/W

1W - F.G. | UGR 28

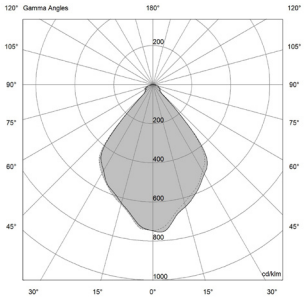


H (m)	D (m)	Eav (lx)
1	1.54	22
2	3.08	5
3	4.62	2
4	6.16	1
5	7.70	1

Total lumen output
71 lm

Efficacy
71 lm/W

1W - T.G. | UGR 28



H (m)	D (m)	Eav (lx)
1	1.63	26
2	3.26	7
3	4.89	3
4	6.52	2
5	8.14	1

Total lumen output
86 lm

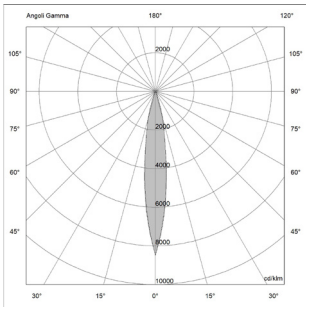
Efficacy
86 lm/W

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Gemma 40 Am

PHOTOMETRIC DATA (3000K CRI>80)

2W - 10° | UGR 11

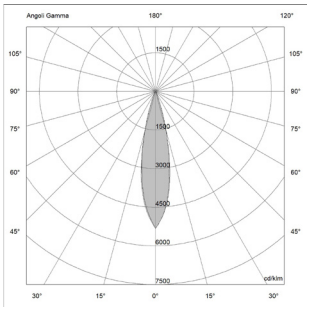


H (m)	D (m)	Eav (lx)
1	0.27	478
2	0.53	119
3	0.80	53
4	1.06	30
5	1.33	31

Total lumen output
92 lm

Efficacy
46 lm/W

2W - 30° | UGR 11

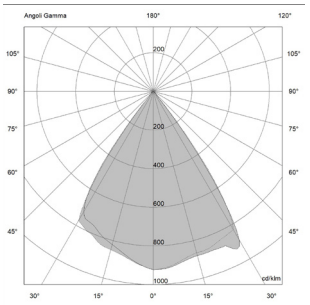


H (m)	D (m)	Eav (lx)
1	0.41	495
2	0.82	124
3	1.22	55
4	1.63	31
5	2.04	20

Total lumen output
93 lm

Efficacy
46 lm/W

2W - 60° | UGR 24

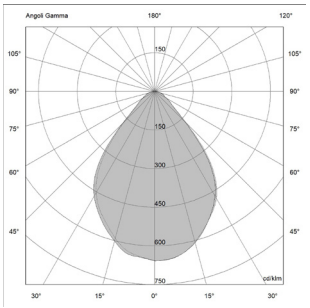


H (m)	D (m)	Eav (lx)
1	1.39	62
2	2.79	15
3	4.18	7
4	5.57	4
5	6.97	2

Total lumen output
129 lm

Efficacy
64 lm/W

2W - F.G. | UGR 28

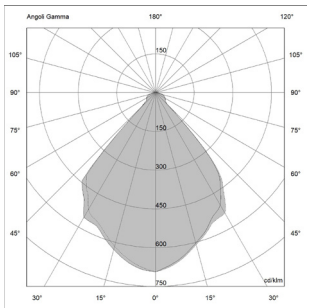


H (m)	D (m)	Eav (lx)
1	1.60	25
2	3.20	6
3	4.80	3
4	6.40	2
5	7.99	1

Total lumen output
86 lm

Efficacy
43 lm/W

2W - T.G.| UGR 29

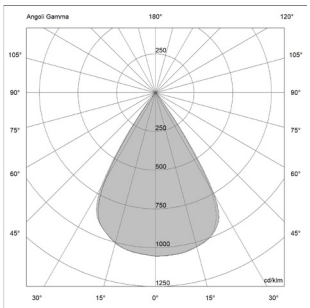


H (m)	D (m)	Eav (lx)
1	1.71	29
2	3.42	7
3	5.13	3
4	6.84	2
5	8.55	1

Total lumen output
104 lm

Efficacy
52 lm/W

3W - 60° | UGR 25

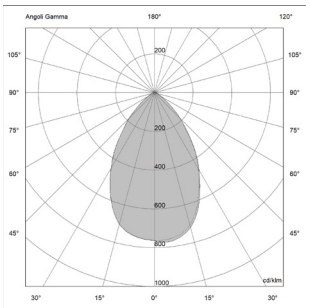


H (m)	D (m)	Eav (lx)
1	1.25	152
2	2.49	38
3	3.74	17
4	4.98	9
5	6.23	6

Total lumen output
262 lm

Efficacy
87 lm/W

3W - F.G. | UGR 29

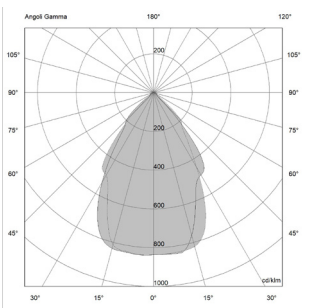


H (m)	D (m)	Eav (lx)
1	1.33	54
2	2.67	14
3	4.00	6
4	5.33	3
5	6.67	2

Total lumen output
145 lm

Efficacy
48 lm/W

3W -T.G. | UGR 28



H (m)	D (m)	Eav (lx)
1	1.39	72
2	2.78	18
3	4.18	8
4	5.57	4
5	6.96	3

Total lumen output
181 lm

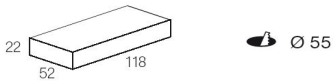
Efficacy
60 lm/W

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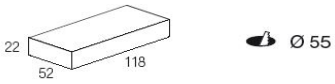
Gemma 40 Am

SUGGESTED REMOTE DRIVER

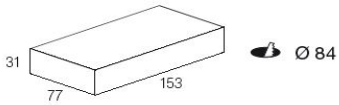
On/Off :
CC20-F-350/500-N



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

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