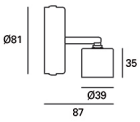
FOR LIGHT

Spoty ø39

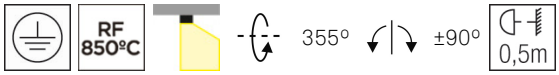
TC-1601-SAT

Proyector SPOTY GU10 8W Niquel Santinado 525lm





CARACTERÍSTICAS TÉCNICAS



Potencia total luminaria : 8W

Lúmenes reales : 525

Lm / W reales : 66

Ángulo Ópticas / Reflector : MEDIUM 31º

Material de la estructura : Acero

Acabado estructura : Niquel Santinado

Medida máx. de la bombilla : 55/50 mm

Bombilla recomendada : GU10

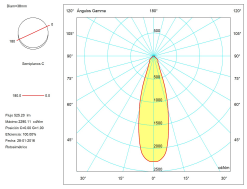
Voltaje / Frecuencia : 100-240V ~ 50/60Hz

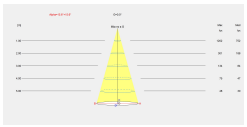
Garantía : 3 Años

Luminaria fácilmente reciclable

CARACTERÍSTICAS LUMINOTÉCNICAS

Portalámparas	Cantidad	Potencia fuente de luz (W)	Temperatura de color correlacionada (CCT)
GU10	1	Potencia máx. 8W	-





LOGÍSTICA

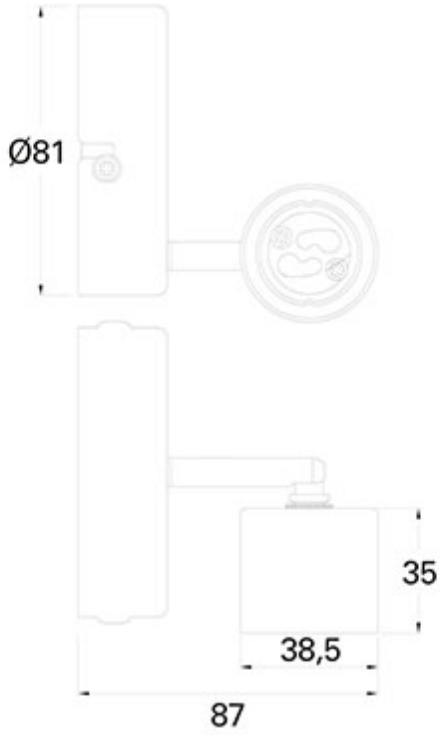
Peso neto (Kg): 0.16

Peso embalado (Kg): 0.2

Embalaje: 90mm x 90mm x 100mm

40 Un

APLICACIÓN DE LA LUMINARIA



La imagen puede no coincidir con la referencia, LEDS C4 se reserva el derecho de modificación de alguno de los componentes que componen el producto. Los datos relativos al flujo, la potencia y la Temperatura de Color están sujetos a una tolerancia de +- 10%.

Luminaire
Code TC-1601-SAT (GU10)
Name HALOPAR 16 50W SPOTY
Measurem.
Code TC-1601-SAT(GU10)
Name HALOPAR 16 50W SPOTY

Luminaire Flux	525.20 lm	Luminaire Power	50.00 W	Efficacy	10.50 lm/W	Efficiency	100.00%
Lamps Flux	525.20 lm	Maximum value	2290.12 cd/klm	Position	C=0.00 G=1.00	CG	Rotosymmetrical

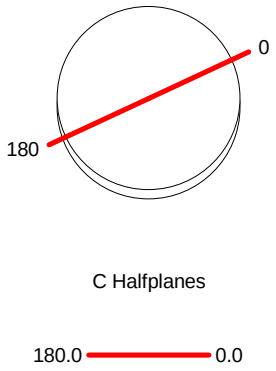
Round Luminaire	Diam. 45 mm	Height	60 mm
Round Luminous Area	Diam. 20 mm	Height	10 mm
Horizontal Luminous Area	0.000314 m2	Emitting area on Plane 180°	0.000200 m2
Emitting area on Plane 0°	0.000200 m2	Emitting area on Plane 270°	0.000200 m2
Emitting area on Plane 90°	0.000200 m2	Glare area at 76°	0.000270 m2
Coordinate system	CG	Symmetry Type	Rotosymmetrical
Date	28-01-2016	Maximum Gamma Angle	180
Measurement Distance	0.00	Measurement Flux	525.20 lm
Operator		Source Voltage [V]	
Temperature	25.00 °C	Source current [A]	
Humidity	60.00 %	Photocell	
Notes			

Luminaire Lamps

Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty
	HALOPAR 16 50W	HALOPAR 16 50W	525.20	50.00	1

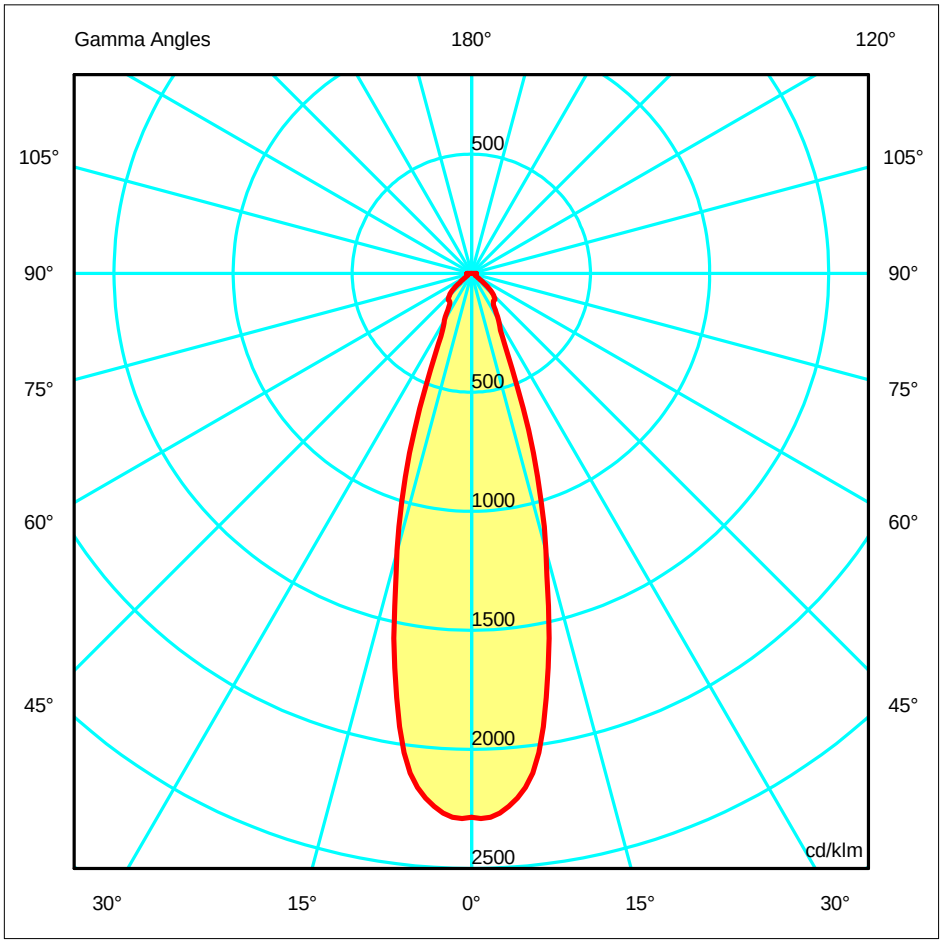
C.I.E.	82 94 97 100 100	D DIN 5040	A60
F UTE	1.00 B	B NBN	BZ 1

Diam=45mm



C Halfplanes

180.0 0.0



ULOR	0.11 %
DLOR	99.89 %
RN	0.11 %

Luminaire
Code TC-1601-SAT (GU10)
Name HALOPAR 16 50W SPOTY
Measurem.
Code TC-1601-SAT(GU10)
Name HALOPAR 16 50W SPOTY

Luminaire Flux	525.20 lm	Luminaire Power	50.00 W	Efficacy	10.50 lm/W	Efficiency	100.00%
Lamps Flux	525.20 lm	Maximum value	2290.12 cd/klm	Position	C=0.00 G=1.00	CG	Rotosymmetrical

Luminous Intensity Table cd/klm **Table 1/1**

	C 0.00		C 0.00		C 0.00		C 0.00
G 0.0	2284.23	G 46.0	125.86	G 92.0	0.00	G138.0	0.00
G 1.0	2290.12	G 47.0	118.85	G 93.0	0.00	G139.0	0.00
G 2.0	2286.02	G 48.0	109.06	G 94.0	0.00	G140.0	0.00
G 3.0	2269.73	G 49.0	98.46	G 95.0	0.00	G141.0	0.00
G 4.0	2244.25	G 50.0	86.27	G 96.0	0.00	G142.0	0.00
G 5.0	2212.45	G 51.0	73.57	G 97.0	0.00	G143.0	0.00
G 6.0	2171.17	G 52.0	63.18	G 98.0	0.00	G144.0	0.00
G 7.0	2115.19	G 53.0	54.17	G 99.0	0.00	G145.0	0.00
G 8.0	2032.03	G 54.0	46.08	G100.0	0.00	G146.0	0.00
G 9.0	1927.36	G 55.0	38.29	G101.0	0.00	G147.0	0.00
G 10.0	1808.82	G 56.0	32.18	G102.0	0.00	G148.0	0.00
G 11.0	1687.66	G 57.0	27.99	G103.0	0.00	G149.0	0.00
G 12.0	1566.51	G 58.0	24.70	G104.0	0.00	G150.0	0.00
G 13.0	1433.85	G 59.0	21.90	G105.0	0.00	G151.0	0.00
G 14.0	1310.21	G 60.0	19.59	G106.0	0.00	G152.0	0.00
G 15.0	1206.25	G 61.0	17.99	G107.0	0.00	G153.0	0.00
G 16.0	1107.08	G 62.0	16.98	G108.0	0.00	G154.0	0.00
G 17.0	1001.81	G 63.0	16.09	G109.0	0.00	G155.0	0.00
G 18.0	899.96	G 64.0	15.69	G110.0	0.00	G156.0	0.00
G 19.0	797.60	G 65.0	17.78	G111.0	0.00	G157.0	0.00
G 20.0	700.13	G 66.0	18.98	G112.0	0.00	G158.0	0.00
G 21.0	607.06	G 67.0	18.89	G113.0	0.00	G159.0	0.00
G 22.0	516.11	G 68.0	19.10	G114.0	0.00	G160.0	0.00
G 23.0	438.14	G 69.0	19.90	G115.0	0.00	G161.0	0.00
G 24.0	374.85	G 70.0	19.78	G116.0	0.00	G162.0	0.00
G 25.0	328.07	G 71.0	19.50	G117.0	0.00	G163.0	0.00
G 26.0	294.38	G 72.0	19.50	G118.0	0.00	G164.0	0.00
G 27.0	269.00	G 73.0	19.50	G119.0	0.00	G165.0	0.00
G 28.0	252.00	G 74.0	18.98	G120.0	0.00	G166.0	0.00
G 29.0	238.80	G 75.0	18.58	G121.0	0.00	G167.0	0.00
G 30.0	226.41	G 76.0	18.09	G122.0	0.00	G168.0	0.00
G 31.0	212.51	G 77.0	17.78	G123.0	0.00	G169.0	0.00
G 32.0	197.52	G 78.0	17.19	G124.0	0.00	G170.0	0.00
G 33.0	182.64	G 79.0	16.89	G125.0	0.00	G171.0	0.00
G 34.0	169.63	G 80.0	16.89	G126.0	0.00	G172.0	0.00
G 35.0	161.04	G 81.0	17.10	G127.0	0.00	G173.0	0.00
G 36.0	155.33	G 82.0	17.19	G128.0	0.00	G174.0	0.00
G 37.0	151.85	G 83.0	17.50	G129.0	0.00	G175.0	0.00
G 38.0	149.45	G 84.0	17.59	G130.0	0.00	G176.0	0.00
G 39.0	148.04	G 85.0	17.90	G131.0	0.00	G177.0	0.00
G 40.0	147.73	G 86.0	18.18	G132.0	0.00	G178.0	0.00
G 41.0	147.94	G 87.0	18.70	G133.0	0.00	G179.0	0.00
G 42.0	146.44	G 88.0	19.19	G134.0	0.00	G180.0	0.00
G 43.0	141.95	G 89.0	19.78	G135.0	0.00		
G 44.0	136.44	G 90.0	20.30	G136.0	0.00		
G 45.0	131.25	G 91.0	0.00	G137.0	0.00		

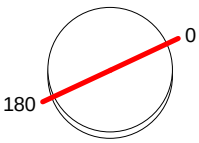
Luminaire
Code TC-1601-SAT (GU10)
Name HALOPAR 16 50W SPOTY
Measurem.
Code TC-1601-SAT(GU10)
Name HALOPAR 16 50W SPOTY

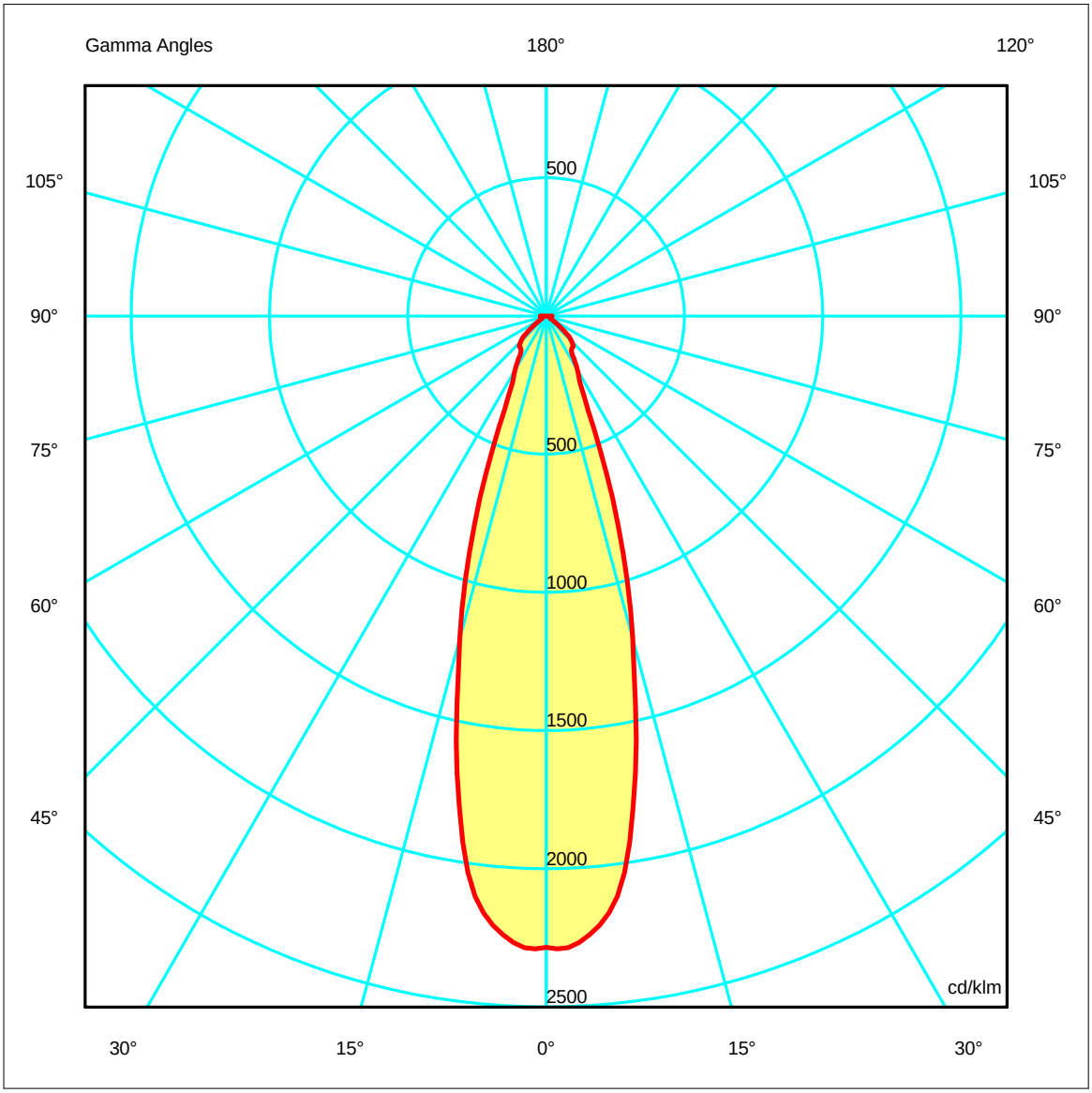
Luminaire Flux	525.20 lm	Luminaire Power	50.00 W	Efficacy	10.50 lm/W	Efficiency	100.00%
Lamps Flux	525.20 lm	Maximum value	2290.12 cd/klm	Position	C=0.00 G=1.00	CG	Rotosymmetrical

Diam=45mm

C Halfplanes

180.0 — 0.0





Luminaire
Code TC-1601-SAT (GU10)
Name HALOPAR 16 50W SPOTY
Measurem.
Code TC-1601-SAT(GU10)
Name HALOPAR 16 50W SPOTY

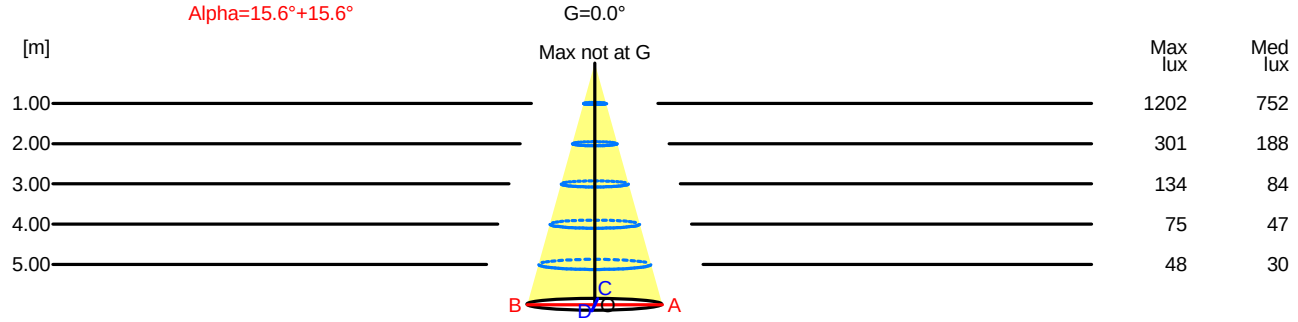
Luminaire Flux	525.20 lm	Luminaire Power	50.00 W	Efficacy	10.50 lm/W	Efficiency	100.00%
Lamps Flux	525.20 lm	Maximum value	2290.12 cd/klm	Position	C=0.00 G=1.00	CG	Rotosymmetrical

Width at 50.00 % of Max Intensity

H[m]	1.00	2.00	3.00	4.00	5.00	H[m]	1.00	2.00	3.00	4.00	5.00
OA	0.28	0.56	0.84	1.12	1.40	OC	0.28	0.56	0.84	1.12	1.40
OB	0.28	0.56	0.84	1.12	1.40	OD	0.28	0.56	0.84	1.12	1.40

Luminous Intensities [cd/klm]

	0	5	15	25	35	45	55	65	75	85
OA	1199.68	1161.98	633.52	172.30	84.58	68.93	20.11	9.34	9.76	9.40
OB	1199.68	1161.98	633.52	172.30	84.58	68.93	20.11	9.34	9.76	9.40
OC	1199.68	1161.98	633.52	172.30	84.58	68.93	20.11	9.34	9.76	9.40
OD	1199.68	1161.98	633.52	172.30	84.58	68.93	20.11	9.34	9.76	9.40



H[m]	D[m]	Max lux	Med lux	Alpha=15.6°+15.6°	G=0.0 Max not at G
1.00	0.56	1202	752		
2.00	1.12	301	188		
3.00	1.68	134	84		
4.00	2.24	75	47		
5.00	2.80	48	30		

Luminaire
Code TC-1601-SAT (GU10)
Name HALOPAR 16 50W SPOTY
Measurem.
Code TC-1601-SAT(GU10)
Name HALOPAR 16 50W SPOTY

Luminaire Flux	525.20 lm	Luminaire Power	50.00 W	Efficacy	10.50 lm/W	Efficiency	100.00%
Lamps Flux	525.20 lm	Maximum value	2290.12 cd/klm	Position	C=0.00 G=1.00	CG	Rotosymmetrical

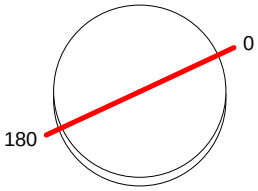
UGR
S = 0.250

Reflectancies										
Ceiling/Cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
WorkingPlane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
RoomDimensions	ViewedCrosswise					ViewedEndwise				
x=2H y=2H	24.6	25.4	24.8	25.6	25.8	24.6	25.4	24.8	25.6	25.8
x=2H y=3H	24.9	25.7	25.2	25.9	26.2	24.9	25.7	25.2	25.9	26.2
x=2H y=4H	25.2	26.0	25.6	26.2	26.5	25.2	26.0	25.6	26.2	26.5
x=2H y=6H	25.6	26.3	26.0	26.6	26.9	25.6	26.3	26.0	26.6	26.9
x=2H y=8H	25.9	26.6	26.3	26.9	27.2	25.9	26.6	26.3	26.9	27.2
x=2H y=12H	26.2	26.9	26.6	27.2	27.5	26.2	26.9	26.6	27.2	27.5
x=4H y=2H	24.6	25.3	24.9	25.6	25.8	24.6	25.3	24.9	25.6	25.8
x=4H y=3H	25.1	25.8	25.5	26.1	26.4	25.1	25.8	25.5	26.1	26.4
x=4H y=4H	25.6	26.2	26.0	26.5	26.9	25.6	26.2	26.0	26.5	26.9
x=4H y=6H	26.3	26.7	26.7	27.1	27.5	26.3	26.7	26.7	27.1	27.5
x=4H y=8H	26.7	27.1	27.1	27.5	27.9	26.7	27.1	27.1	27.5	27.9
x=4H y=12H	27.2	27.5	27.6	27.9	28.4	27.2	27.5	27.6	27.9	28.4
x=8H y=4H	25.9	26.3	26.3	26.7	27.1	25.9	26.3	26.3	26.7	27.1
x=8H y=6H	26.7	27.1	27.2	27.5	27.9	26.7	27.1	27.2	27.5	27.9
x=8H y=8H	27.3	27.6	27.7	28.0	28.5	27.3	27.6	27.7	28.0	28.5
x=8H y=12H	27.9	28.2	28.4	28.7	29.2	27.9	28.2	28.4	28.7	29.2
x=12H y=4H	25.9	26.3	26.4	26.7	27.1	25.9	26.3	26.4	26.7	27.1
x=12H y=6H	26.8	27.1	27.3	27.6	28.1	26.8	27.1	27.3	27.6	28.1
x=12H y=8H	27.5	27.7	28.0	28.2	28.7	27.5	27.7	28.0	28.2	28.7

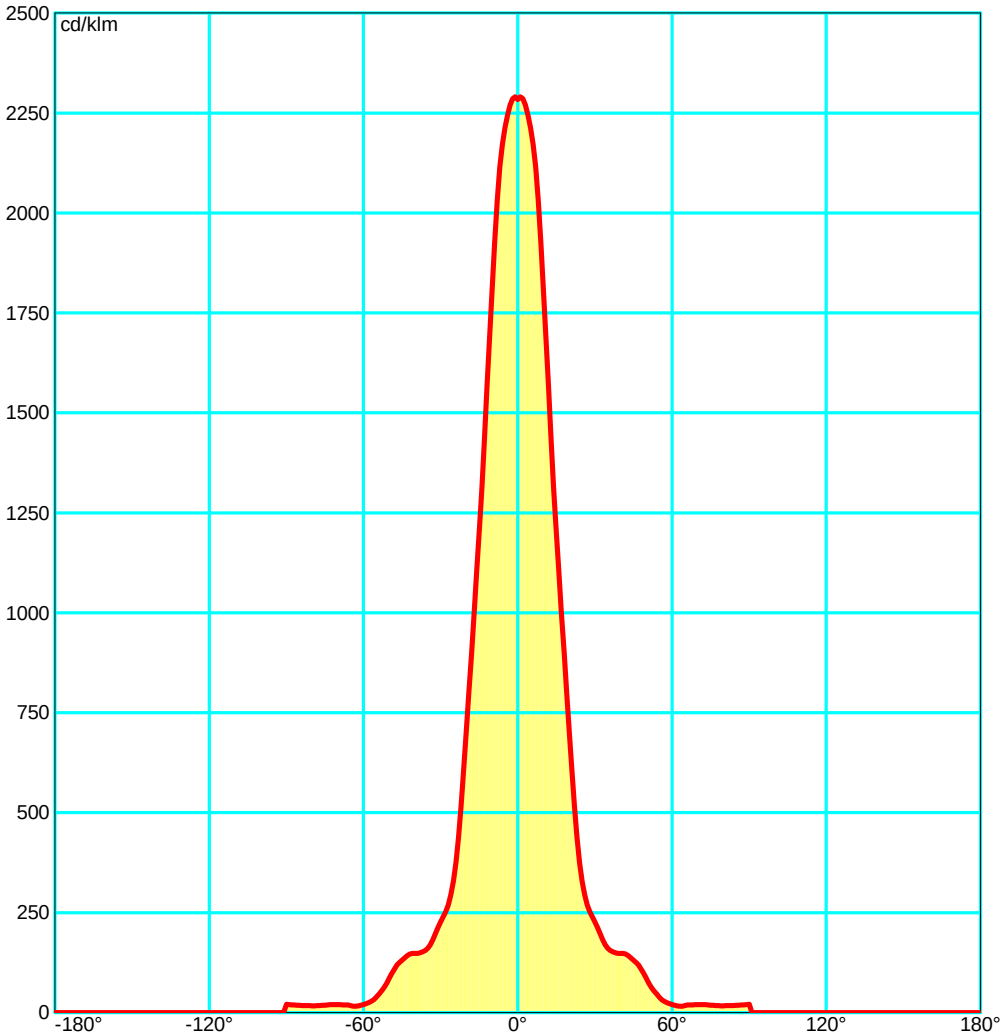
Luminaire
Code TC-1601-SAT (GU10)
Name HALOPAR 16 50W SPOTY
Measurem.
Code TC-1601-SAT(GU10)
Name HALOPAR 16 50W SPOTY

Luminaire Flux	525.20 lm	Luminaire Power	50.00 W	Efficacy	10.50 lm/W	Efficiency	100.00%
Lamps Flux	525.20 lm	Maximum value	2290.12 cd/klm	Position	C=0.00 G=1.00	CG	Rotosymmetrical

Diam=45mm



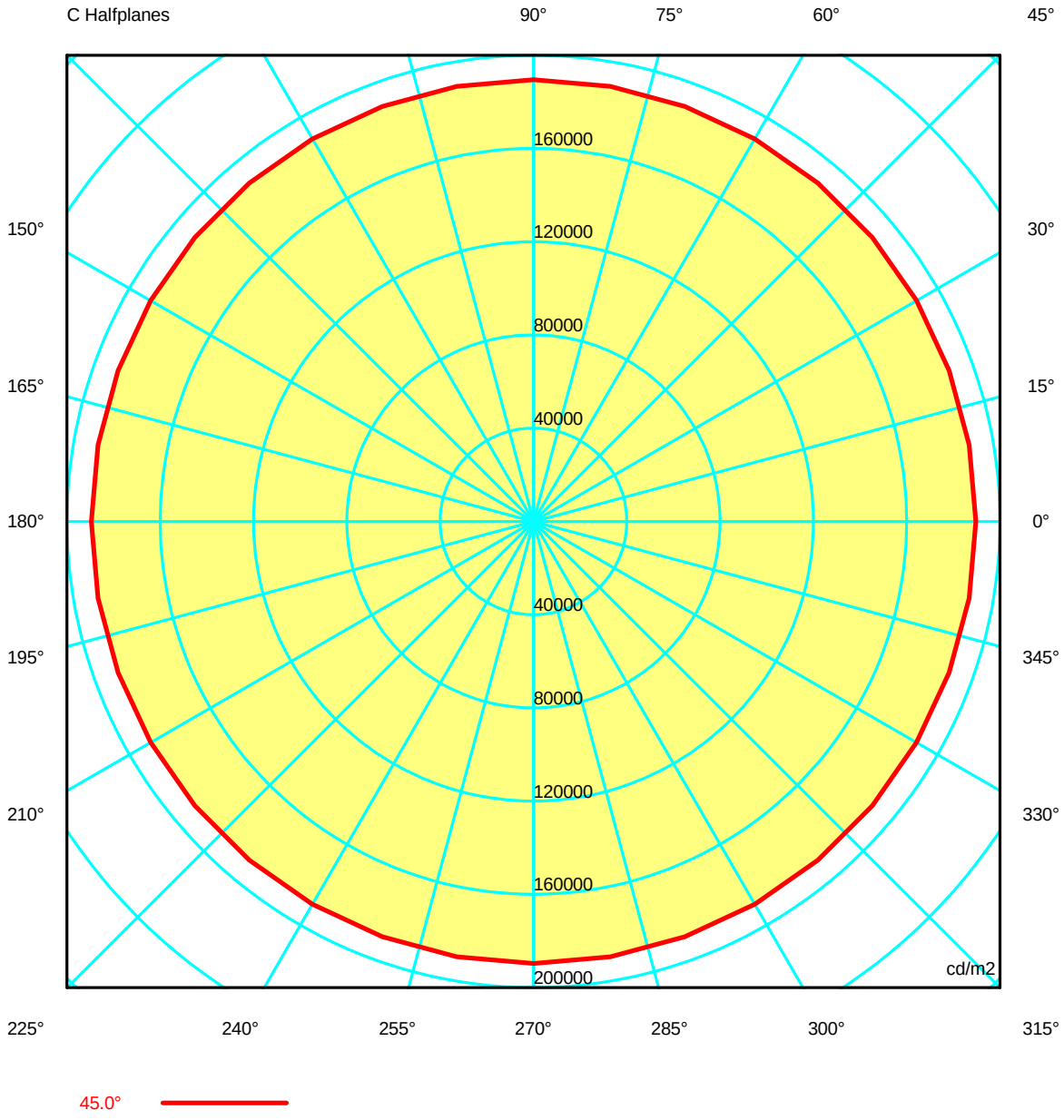
C Halfplanes



Luminaire
Code TC-1601-SAT (GU10)
Name HALOPAR 16 50W SPOTY
Measurem.
Code TC-1601-SAT(GU10)
Name HALOPAR 16 50W SPOTY

Luminaire Flux	525.20 lm	Luminaire Power	50.00 W	Efficacy	10.50 lm/W	Efficiency	100.00%
Lamps Flux	525.20 lm	Maximum value	2290.12 cd/klm	Position	C=0.00 G=1.00	CG	Rotosymmetrical

Luminance



Luminaire
Code TC-1601-SAT (GU10)
Name HALOPAR 16 50W SPOTY
Measurem.
Code TC-1601-SAT(GU10)
Name HALOPAR 16 50W SPOTY

Luminaire Flux	525.20 lm	Luminaire Power	50.00 W	Efficacy	10.50 lm/W	Efficiency	100.00%
Lamps Flux	525.20 lm	Maximum value	2290.12 cd/klm	Position	C=0.00 G=1.00	CG	Rotosymmetrical

Luminance cd/m2 **Table 1/3**

	C 0.00	C 10.00	C 20.00	C 30.00	C 40.00	C 50.00	C 60.00	C 70.00	C 80.00	C 90.00	C 100.00	C 110.00	C 120.00
G 0.0	3818700.05	3818700.05	3818700.05	3818700.05	3818700.05	3818700.05	3818700.05	3818700.05	3818700.05	3818700.05	3818700.05	3818700.05	3818700.05
G 5.0	3516942.45	3516942.45	3516942.45	3516942.45	3516942.45	3516942.45	3516942.45	3516942.45	3516942.45	3516942.45	3516942.45	3516942.45	3516942.45
G 10.0	2760666.99	2760666.99	2760666.99	2760666.99	2760666.99	2760666.99	2760666.99	2760666.99	2760666.99	2760666.99	2760666.99	2760666.99	2760666.99
G 15.0	1783466.39	1783466.39	1783466.39	1783466.39	1783466.39	1783466.39	1783466.39	1783466.39	1783466.39	1783466.39	1783466.39	1783466.39	1783466.39
G 20.0	1011255.87	1011255.87	1011255.87	1011255.87	1011255.87	1011255.87	1011255.87	1011255.87	1011255.87	1011255.87	1011255.87	1011255.87	1011255.87
G 25.0	466623.25	466623.25	466623.25	466623.25	466623.25	466623.25	466623.25	466623.25	466623.25	466623.25	466623.25	466623.25	466623.25
G 30.0	319590.49	319590.49	319590.49	319590.49	319590.49	319590.49	319590.49	319590.49	319590.49	319590.49	319590.49	319590.49	319590.49
G 35.0	227329.23	227329.23	227329.23	227329.23	227329.23	227329.23	227329.23	227329.23	227329.23	227329.23	227329.23	227329.23	227329.23
G 40.0	210147.15	210147.15	210147.15	210147.15	210147.15	210147.15	210147.15	210147.15	210147.15	210147.15	210147.15	210147.15	210147.15
G 45.0	189594.45	189594.45	189594.45	189594.45	189594.45	189594.45	189594.45	189594.45	189594.45	189594.45	189594.45	189594.45	189594.45
G 50.0	127581.13	127581.13	127581.13	127581.13	127581.13	127581.13	127581.13	127581.13	127581.13	127581.13	127581.13	127581.13	127581.13
G 55.0	58455.10	58455.10	58455.10	58455.10	58455.10	58455.10	58455.10	58455.10	58455.10	58455.10	58455.10	58455.10	58455.10
G 60.0	31154.94	31154.94	31154.94	31154.94	31154.94	31154.94	31154.94	31154.94	31154.94	31154.94	31154.94	31154.94	31154.94
G 65.0	29742.28	29742.28	29742.28	29742.28	29742.28	29742.28	29742.28	29742.28	29742.28	29742.28	29742.28	29742.28	29742.28
G 70.0	35174.16	35174.16	35174.16	35174.16	35174.16	35174.16	35174.16	35174.16	35174.16	35174.16	35174.16	35174.16	35174.16
G 75.0	35556.14	35556.14	35556.14	35556.14	35556.14	35556.14	35556.14	35556.14	35556.14	35556.14	35556.14	35556.14	35556.14
G 80.0	35266.31	35266.31	35266.31	35266.31	35266.31	35266.31	35266.31	35266.31	35266.31	35266.31	35266.31	35266.31	35266.31
G 85.0	41479.17	41479.17	41479.17	41479.17	41479.17	41479.17	41479.17	41479.17	41479.17	41479.17	41479.17	41479.17	41479.17
G 90.0	53300.00	53300.00	53300.00	53300.00	53300.00	53300.00	53300.00	53300.00	53300.00	53300.00	53300.00	53300.00	53300.00

Luminaire
Code TC-1601-SAT (GU10)
Name HALOPAR 16 50W SPOTY
Measurem.
Code TC-1601-SAT(GU10)
Name HALOPAR 16 50W SPOTY

Luminaire Flux	525.20 lm	Luminaire Power	50.00 W	Efficacy	10.50 lm/W	Efficiency	100.00%
Lamps Flux	525.20 lm	Maximum value	2290.12 cd/klm	Position	C=0.00 G=1.00	CG	Rotosymmetrical

Luminance cd/m2 **Table 2/3**

	C 130.00	C 140.00	C 150.00	C 160.00	C 170.00	C 180.00	C 190.00	C 200.00	C 210.00	C 220.00	C 230.00	C 240.00	C 250.00
G 0.0	3818700.05	3818700.05	3818700.05	3818700.05	3818700.05	3818700.05	3818700.05	3818700.05	3818700.05	3818700.05	3818700.05	3818700.05	3818700.05
G 5.0	3516942.45	3516942.45	3516942.45	3516942.45	3516942.45	3516942.45	3516942.45	3516942.45	3516942.45	3516942.45	3516942.45	3516942.45	3516942.45
G 10.0	2760666.99	2760666.99	2760666.99	2760666.99	2760666.99	2760666.99	2760666.99	2760666.99	2760666.99	2760666.99	2760666.99	2760666.99	2760666.99
G 15.0	1783466.39	1783466.39	1783466.39	1783466.39	1783466.39	1783466.39	1783466.39	1783466.39	1783466.39	1783466.39	1783466.39	1783466.39	1783466.39
G 20.0	1011255.87	1011255.87	1011255.87	1011255.87	1011255.87	1011255.87	1011255.87	1011255.87	1011255.87	1011255.87	1011255.87	1011255.87	1011255.87
G 25.0	466623.25	466623.25	466623.25	466623.25	466623.25	466623.25	466623.25	466623.25	466623.25	466623.25	466623.25	466623.25	466623.25
G 30.0	319590.49	319590.49	319590.49	319590.49	319590.49	319590.49	319590.49	319590.49	319590.49	319590.49	319590.49	319590.49	319590.49
G 35.0	227329.23	227329.23	227329.23	227329.23	227329.23	227329.23	227329.23	227329.23	227329.23	227329.23	227329.23	227329.23	227329.23
G 40.0	210147.15	210147.15	210147.15	210147.15	210147.15	210147.15	210147.15	210147.15	210147.15	210147.15	210147.15	210147.15	210147.15
G 45.0	189594.45	189594.45	189594.45	189594.45	189594.45	189594.45	189594.45	189594.45	189594.45	189594.45	189594.45	189594.45	189594.45
G 50.0	127581.13	127581.13	127581.13	127581.13	127581.13	127581.13	127581.13	127581.13	127581.13	127581.13	127581.13	127581.13	127581.13
G 55.0	58455.10	58455.10	58455.10	58455.10	58455.10	58455.10	58455.10	58455.10	58455.10	58455.10	58455.10	58455.10	58455.10
G 60.0	31154.94	31154.94	31154.94	31154.94	31154.94	31154.94	31154.94	31154.94	31154.94	31154.94	31154.94	31154.94	31154.94
G 65.0	29742.28	29742.28	29742.28	29742.28	29742.28	29742.28	29742.28	29742.28	29742.28	29742.28	29742.28	29742.28	29742.28
G 70.0	35174.16	35174.16	35174.16	35174.16	35174.16	35174.16	35174.16	35174.16	35174.16	35174.16	35174.16	35174.16	35174.16
G 75.0	35556.14	35556.14	35556.14	35556.14	35556.14	35556.14	35556.14	35556.14	35556.14	35556.14	35556.14	35556.14	35556.14
G 80.0	35266.31	35266.31	35266.31	35266.31	35266.31	35266.31	35266.31	35266.31	35266.31	35266.31	35266.31	35266.31	35266.31
G 85.0	41479.17	41479.17	41479.17	41479.17	41479.17	41479.17	41479.17	41479.17	41479.17	41479.17	41479.17	41479.17	41479.17
G 90.0	53300.00	53300.00	53300.00	53300.00	53300.00	53300.00	53300.00	53300.00	53300.00	53300.00	53300.00	53300.00	53300.00

Luminaire
Code TC-1601-SAT (GU10)
Name HALOPAR 16 50W SPOTY
Measurem.
Code TC-1601-SAT(GU10)
Name HALOPAR 16 50W SPOTY

Luminaire Flux	525.20 lm	Luminaire Power	50.00 W	Efficacy	10.50 lm/W	Efficiency	100.00%			
Lamps Flux	525.20 lm	Maximum value	2290.12 cd/klm	Position	C=0.00 G=1.00	CG	Rotosymmetrical			

Luminance cd/m2 **Table 3/3**

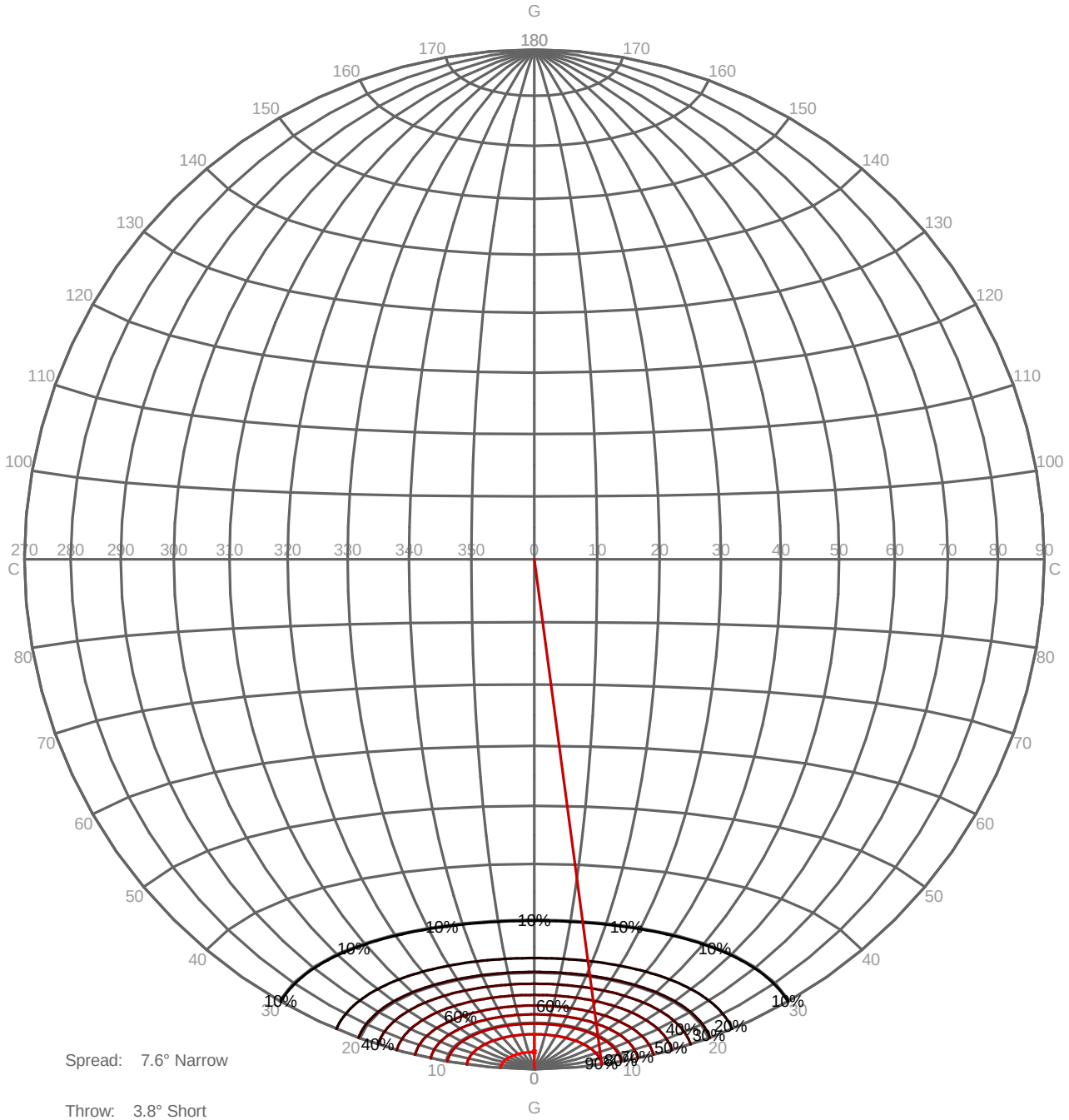
	C 260.00	C 270.00	C 280.00	C 290.00	C 300.00	C 310.00	C 320.00	C 330.00	C 340.00	C 350.00
G 0.0	3818700.05	3818700.05	3818700.05	3818700.05	3818700.05	3818700.05	3818700.05	3818700.05	3818700.05	3818700.05
G 5.0	3516942.45	3516942.45	3516942.45	3516942.45	3516942.45	3516942.45	3516942.45	3516942.45	3516942.45	3516942.45
G 10.0	2760666.99	2760666.99	2760666.99	2760666.99	2760666.99	2760666.99	2760666.99	2760666.99	2760666.99	2760666.99
G 15.0	1783466.39	1783466.39	1783466.39	1783466.39	1783466.39	1783466.39	1783466.39	1783466.39	1783466.39	1783466.39
G 20.0	1011255.87	1011255.87	1011255.87	1011255.87	1011255.87	1011255.87	1011255.87	1011255.87	1011255.87	1011255.87
G 25.0	466623.25	466623.25	466623.25	466623.25	466623.25	466623.25	466623.25	466623.25	466623.25	466623.25
G 30.0	319590.49	319590.49	319590.49	319590.49	319590.49	319590.49	319590.49	319590.49	319590.49	319590.49
G 35.0	227329.23	227329.23	227329.23	227329.23	227329.23	227329.23	227329.23	227329.23	227329.23	227329.23
G 40.0	210147.15	210147.15	210147.15	210147.15	210147.15	210147.15	210147.15	210147.15	210147.15	210147.15
G 45.0	189594.45	189594.45	189594.45	189594.45	189594.45	189594.45	189594.45	189594.45	189594.45	189594.45
G 50.0	127581.13	127581.13	127581.13	127581.13	127581.13	127581.13	127581.13	127581.13	127581.13	127581.13
G 55.0	58455.10	58455.10	58455.10	58455.10	58455.10	58455.10	58455.10	58455.10	58455.10	58455.10
G 60.0	31154.94	31154.94	31154.94	31154.94	31154.94	31154.94	31154.94	31154.94	31154.94	31154.94
G 65.0	29742.28	29742.28	29742.28	29742.28	29742.28	29742.28	29742.28	29742.28	29742.28	29742.28
G 70.0	35174.16	35174.16	35174.16	35174.16	35174.16	35174.16	35174.16	35174.16	35174.16	35174.16
G 75.0	35556.14	35556.14	35556.14	35556.14	35556.14	35556.14	35556.14	35556.14	35556.14	35556.14
G 80.0	35266.31	35266.31	35266.31	35266.31	35266.31	35266.31	35266.31	35266.31	35266.31	35266.31
G 85.0	41479.17	41479.17	41479.17	41479.17	41479.17	41479.17	41479.17	41479.17	41479.17	41479.17
G 90.0	53300.00	53300.00	53300.00	53300.00	53300.00	53300.00	53300.00	53300.00	53300.00	53300.00

Luminaire
Code TC-1601-SAT (GU10)
Name HALOPAR 16 50W SPOTY
Measurem.
Code TC-1601-SAT(GU10)
Name HALOPAR 16 50W SPOTY

Luminaire Flux	525.20 lm	Luminaire Power	50.00 W	Efficacy	10.50 lm/W	Efficiency	100.00%
Lamps Flux	525.20 lm	Maximum value	2290.12 cd/klm	Position	C=0.00 G=1.00	CG	Rotosymmetrical

PERCENTAGE ISOCANDLES

Projection: Equal Area Tilting Angle:0°



Spread: 7.6° Narrow

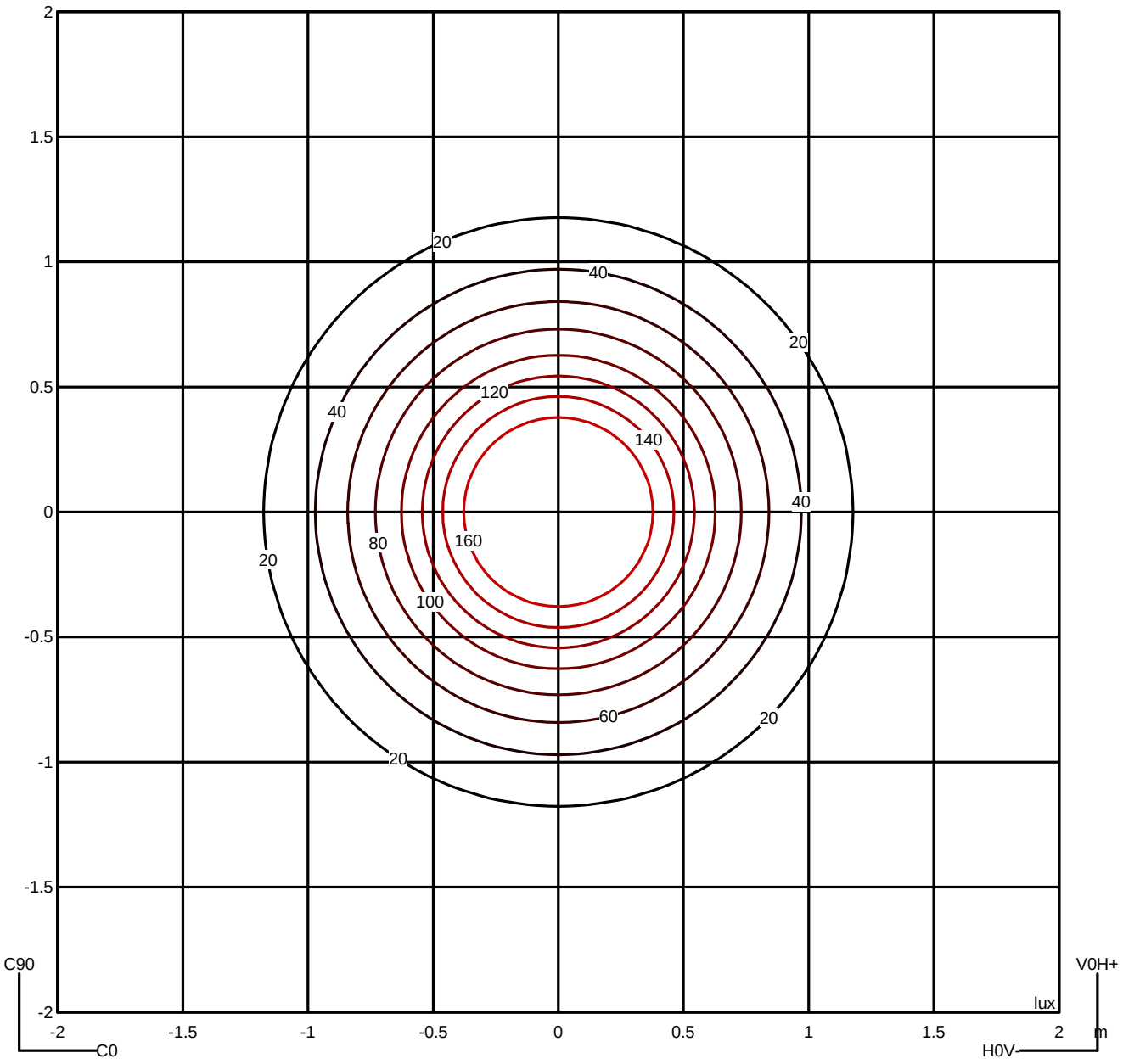
Throw: 3.8° Short

Luminaire
Code TC-1601-SAT (GU10)
Name HALOPAR 16 50W SPOTY
Measurem.
Code TC-1601-SAT(GU10)
Name HALOPAR 16 50W SPOTY

Luminaire Flux	525.20 lm	Luminaire Power	50.00 W	Efficacy	10.50 lm/W	Efficiency	100.00%
Lamps Flux	525.20 lm	Maximum value	2290.12 cd/klm	Position	C=0.00 G=1.00	CG	Rotosymmetrical

Isolux (Floor)

Luminaire position X=0.00m Y=0.00m Z=2.50m



Luminaire
Code TC-1601-SAT (GU10)
Name HALOPAR 16 50W SPOTY
Measurem.
Code TC-1601-SAT(GU10)
Name HALOPAR 16 50W SPOTY

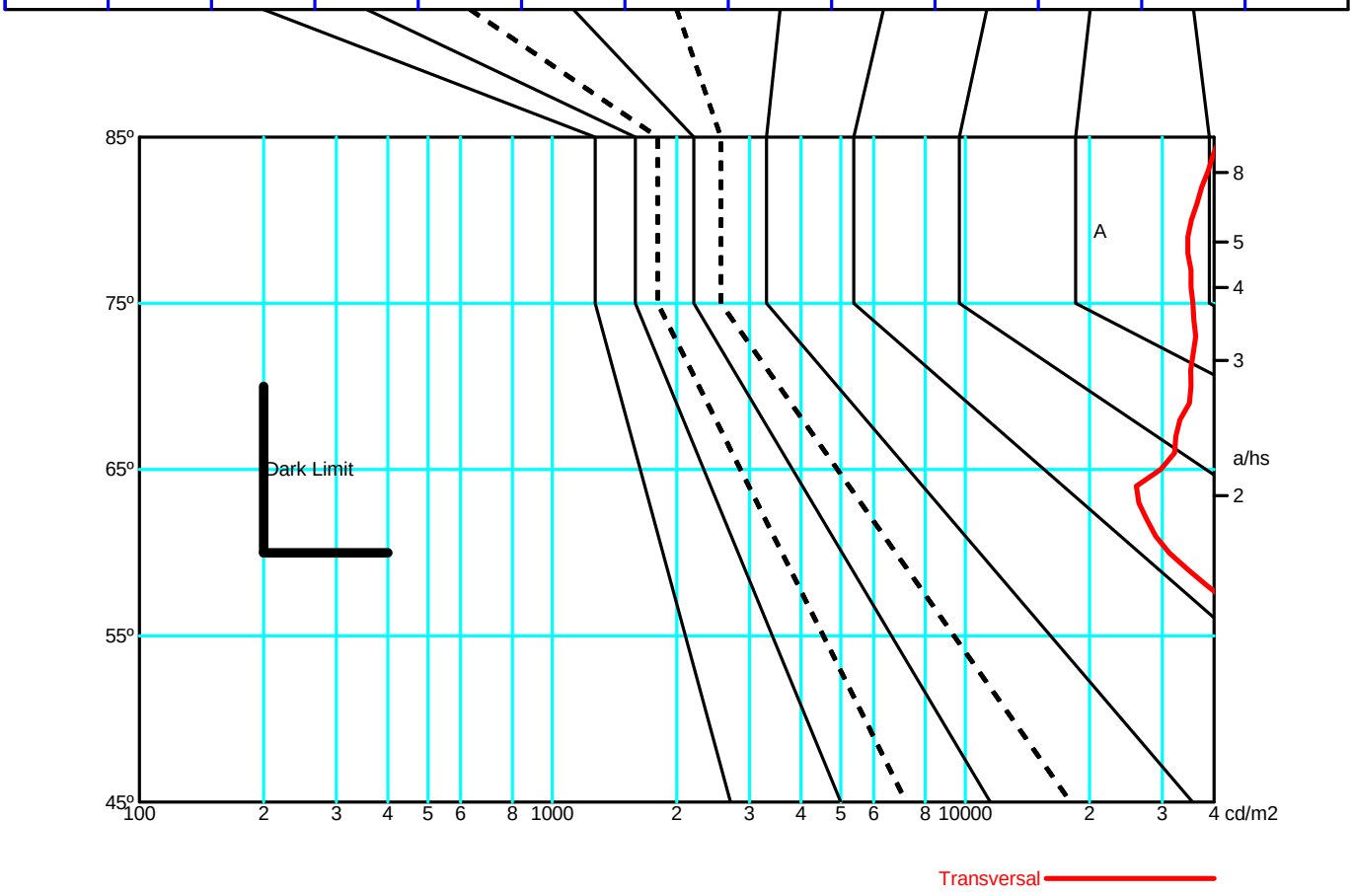
Luminaire Flux	525.20 lm	Luminaire Power	50.00 W	Efficacy	10.50 lm/W	Efficiency	100.00%
Lamps Flux	525.20 lm	Maximum value	2290.12 cd/klm	Position	C=0.00 G=1.00	CG	Rotosymmetrical

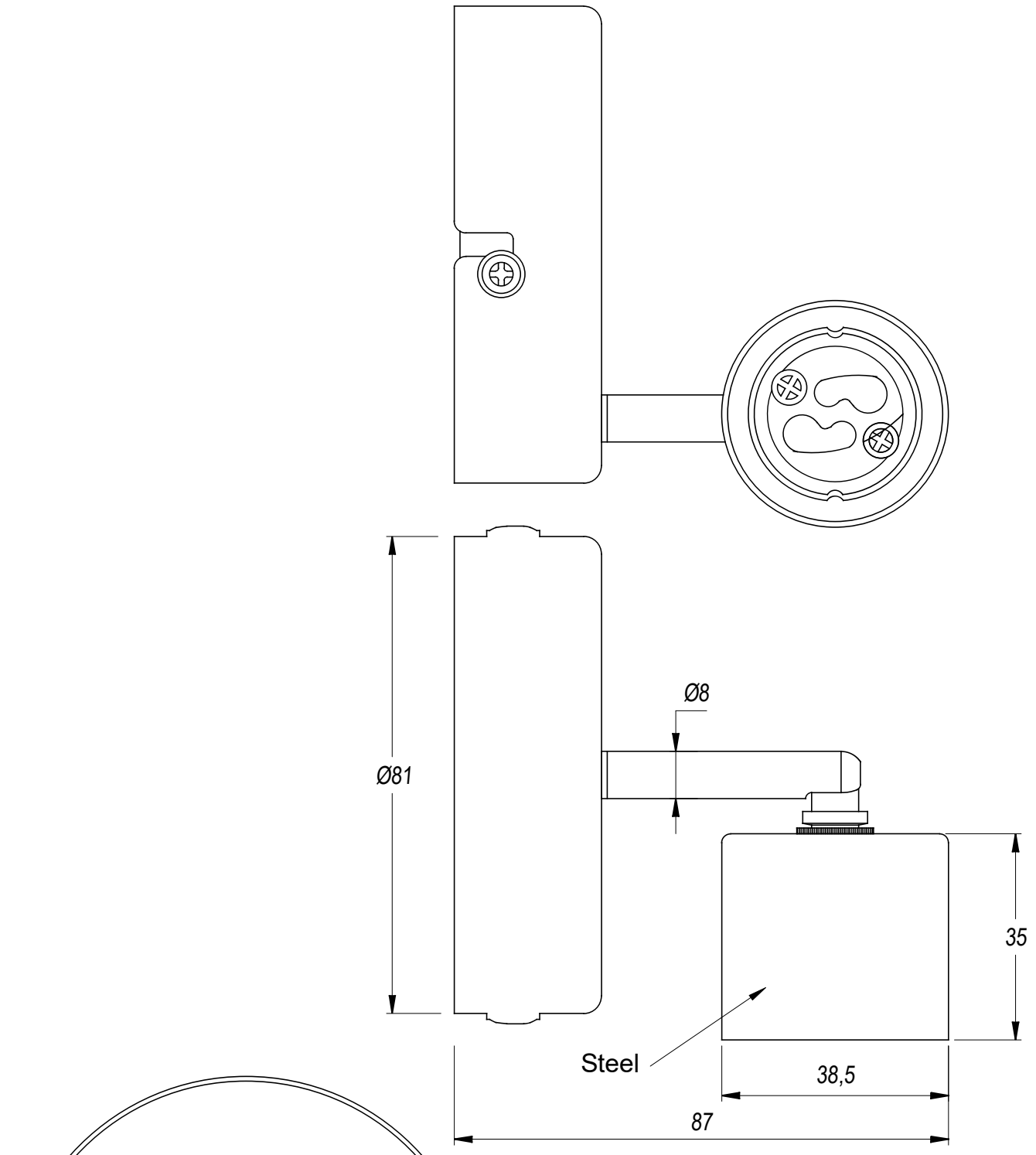
Average Luminance [cd/m²]

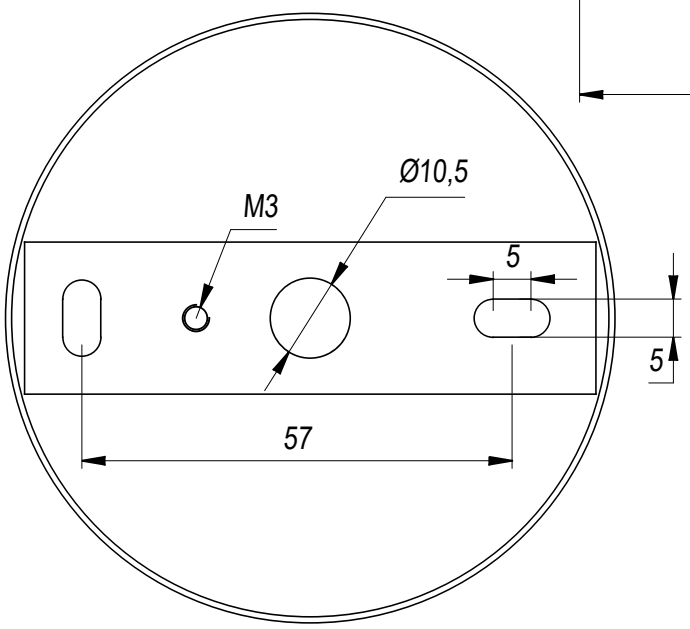
0.0°	45°	50°	55°	60°	65°	70°	75°	80°	85°	
	189594	127581	58455	31155	29742	35174	35556	35266	41479	---

Flush mounted or longitudinal view

		Illumination(lx)										
A	A	2000	1000	750	500		<300					1.15
B	1		2000	1500	1000	750	500	<300				1.5
C					2000		1000	500	<300			1.85
D	2						2000	1000	500	<300		2.2
E	3							2000	1000	500	<300	2.55



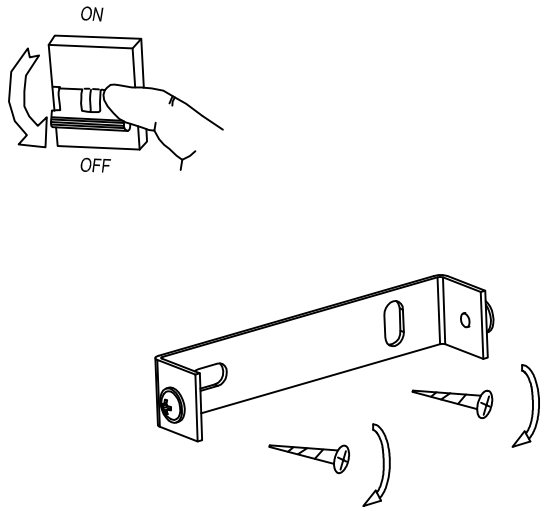




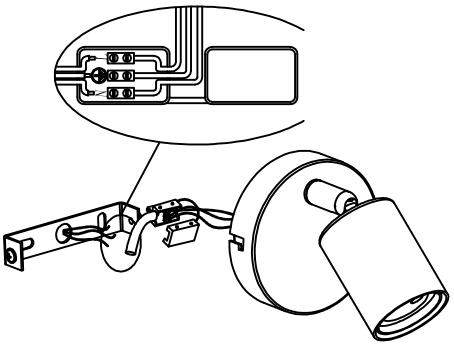
Scale 1:1

14-04-2015

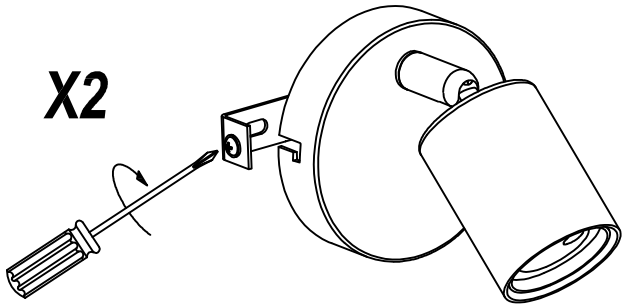
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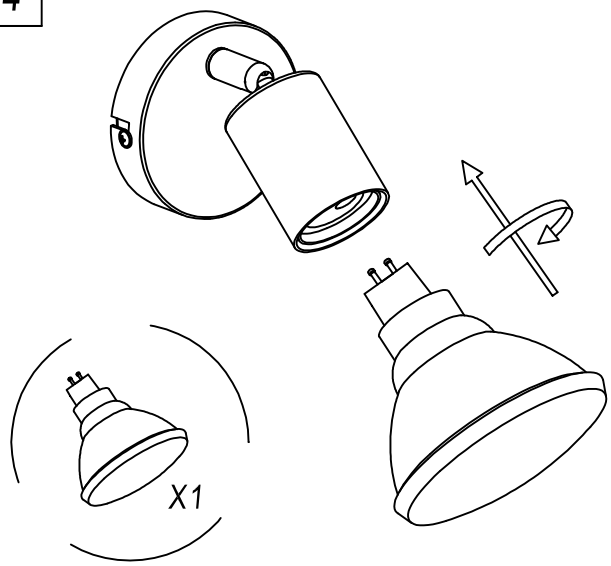
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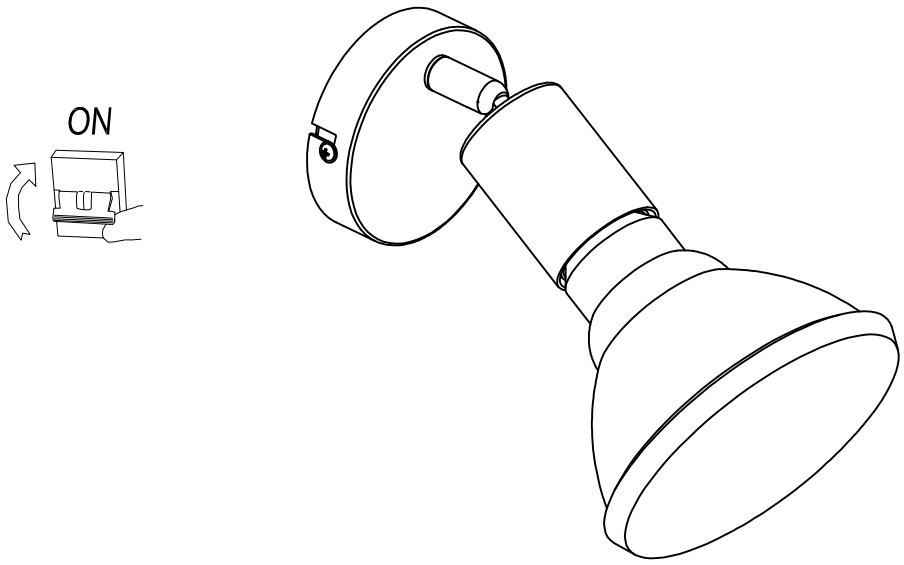
3



4



5



08-07-15