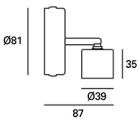
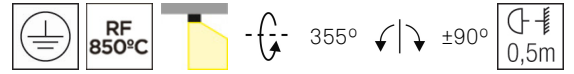


**TC-1601-SAT**

Proyector SPOTY GU10 8W Niquel Santinado 525lm



**CARACTERÍSTICAS TÉCNICAS**



Potencia total luminaria : 8W

Lúmenes reales : 525

Lm / W reales : 66

Ángulo Ópticas / Reflector : MEDIUM 31°

Material de la estructura : Acero

Acabado estructura : Niquel Santinado

Medida máx. de la bombilla : 55/50 mm

Bombilla recomendada : GU10

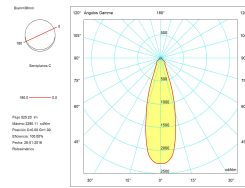
Voltaje / Frecuencia : 100-240V ~ 50/60Hz

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	-



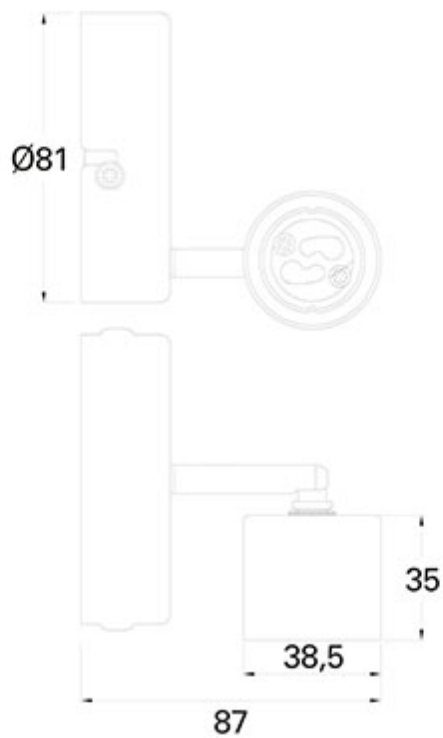
**LOGÍSTICA**

Peso neto (Kg): 0.16

Peso embalado (Kg): 0.2

Embalaje: 90mm x 90mm x 100mm

 40 Un



**Luminaire**

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

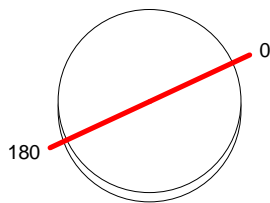
**Measur.**

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							

Line		Code	Luminaire Lamps		Flux [lm]	Pow. [W]	Q.ty
		HALOPAR 16 50W	Name	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		

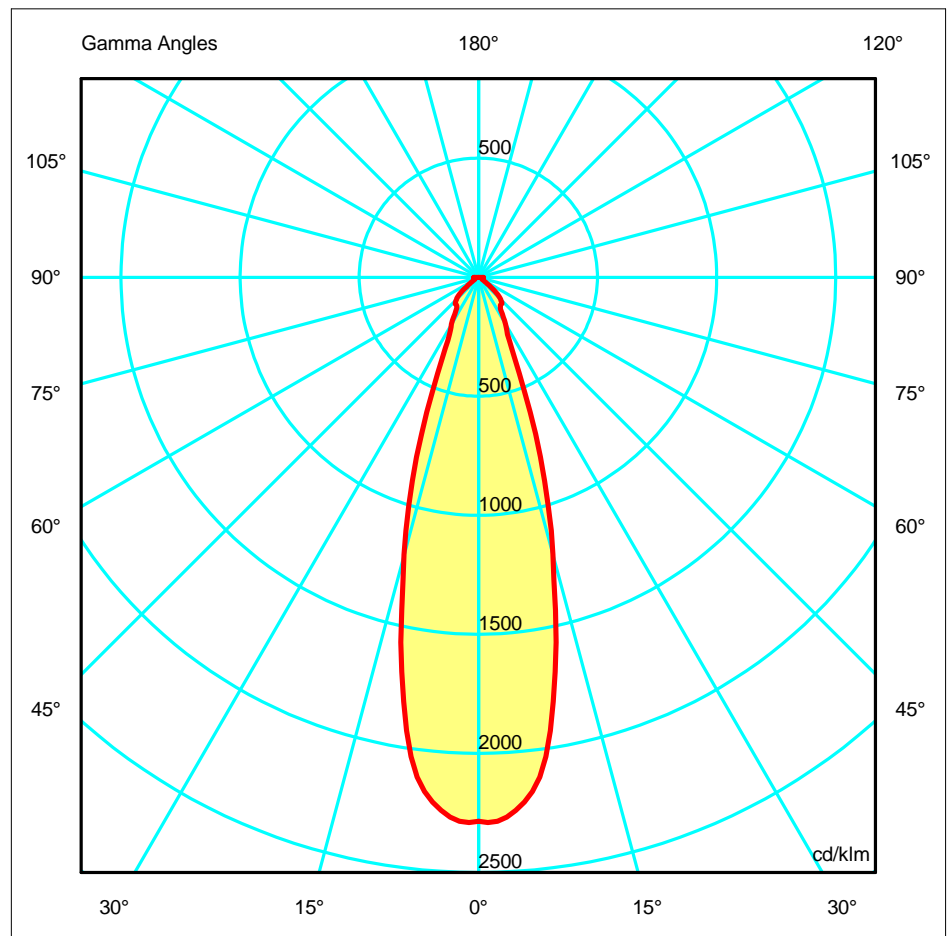
Diam=45mm



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

**Measur.**

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	G 138.0	0.00
G 1.0	2290.12	G 47.0	118.85	G 93.0	0.00	G 139.0	0.00
G 2.0	2286.02	G 48.0	109.06	G 94.0	0.00	G 140.0	0.00
G 3.0	2269.73	G 49.0	98.46	G 95.0	0.00	G 141.0	0.00
G 4.0	2244.25	G 50.0	86.27	G 96.0	0.00	G 142.0	0.00
G 5.0	2212.45	G 51.0	73.57	G 97.0	0.00	G 143.0	0.00
G 6.0	2171.17	G 52.0	63.18	G 98.0	0.00	G 144.0	0.00
G 7.0	2115.19	G 53.0	54.17	G 99.0	0.00	G 145.0	0.00
G 8.0	2032.03	G 54.0	46.08	G 100.0	0.00	G 146.0	0.00
G 9.0	1927.36	G 55.0	38.29	G 101.0	0.00	G 147.0	0.00
G 10.0	1808.82	G 56.0	32.18	G 102.0	0.00	G 148.0	0.00
G 11.0	1687.66	G 57.0	27.99	G 103.0	0.00	G 149.0	0.00
G 12.0	1566.51	G 58.0	24.70	G 104.0	0.00	G 150.0	0.00
G 13.0	1433.85	G 59.0	21.90	G 105.0	0.00	G 151.0	0.00
G 14.0	1310.21	G 60.0	19.59	G 106.0	0.00	G 152.0	0.00
G 15.0	1206.25	G 61.0	17.99	G 107.0	0.00	G 153.0	0.00
G 16.0	1107.08	G 62.0	16.98	G 108.0	0.00	G 154.0	0.00
G 17.0	1001.81	G 63.0	16.09	G 109.0	0.00	G 155.0	0.00
G 18.0	899.96	G 64.0	15.69	G 110.0	0.00	G 156.0	0.00
G 19.0	797.60	G 65.0	17.78	G 111.0	0.00	G 157.0	0.00
G 20.0	700.13	G 66.0	18.98	G 112.0	0.00	G 158.0	0.00
G 21.0	607.06	G 67.0	18.89	G 113.0	0.00	G 159.0	0.00
G 22.0	516.11	G 68.0	19.10	G 114.0	0.00	G 160.0	0.00
G 23.0	438.14	G 69.0	19.90	G 115.0	0.00	G 161.0	0.00
G 24.0	374.85	G 70.0	19.78	G 116.0	0.00	G 162.0	0.00
G 25.0	328.07	G 71.0	19.50	G 117.0	0.00	G 163.0	0.00
G 26.0	294.38	G 72.0	19.50	G 118.0	0.00	G 164.0	0.00
G 27.0	269.00	G 73.0	19.50	G 119.0	0.00	G 165.0	0.00
G 28.0	252.00	G 74.0	18.98	G 120.0	0.00	G 166.0	0.00
G 29.0	238.80	G 75.0	18.58	G 121.0	0.00	G 167.0	0.00
G 30.0	226.41	G 76.0	18.09	G 122.0	0.00	G 168.0	0.00
G 31.0	212.51	G 77.0	17.78	G 123.0	0.00	G 169.0	0.00
G 32.0	197.52	G 78.0	17.19	G 124.0	0.00	G 170.0	0.00
G 33.0	182.64	G 79.0	16.89	G 125.0	0.00	G 171.0	0.00
G 34.0	169.63	G 80.0	16.89	G 126.0	0.00	G 172.0	0.00
G 35.0	161.04	G 81.0	17.10	G 127.0	0.00	G 173.0	0.00
G 36.0	155.33	G 82.0	17.19	G 128.0	0.00	G 174.0	0.00
G 37.0	151.85	G 83.0	17.50	G 129.0	0.00	G 175.0	0.00
G 38.0	149.45	G 84.0	17.59	G 130.0	0.00	G 176.0	0.00
G 39.0	148.04	G 85.0	17.90	G 131.0	0.00	G 177.0	0.00
G 40.0	147.73	G 86.0	18.18	G 132.0	0.00	G 178.0	0.00
G 41.0	147.94	G 87.0	18.70	G 133.0	0.00	G 179.0	0.00
G 42.0	146.44	G 88.0	19.19	G 134.0	0.00	G 180.0	0.00
G 43.0	141.95	G 89.0	19.78	G 135.0	0.00		
G 44.0	136.44	G 90.0	20.30	G 136.0	0.00		
G 45.0	131.25	G 91.0	0.00	G 137.0	0.00		

**Luminaire**

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

**Measur.**

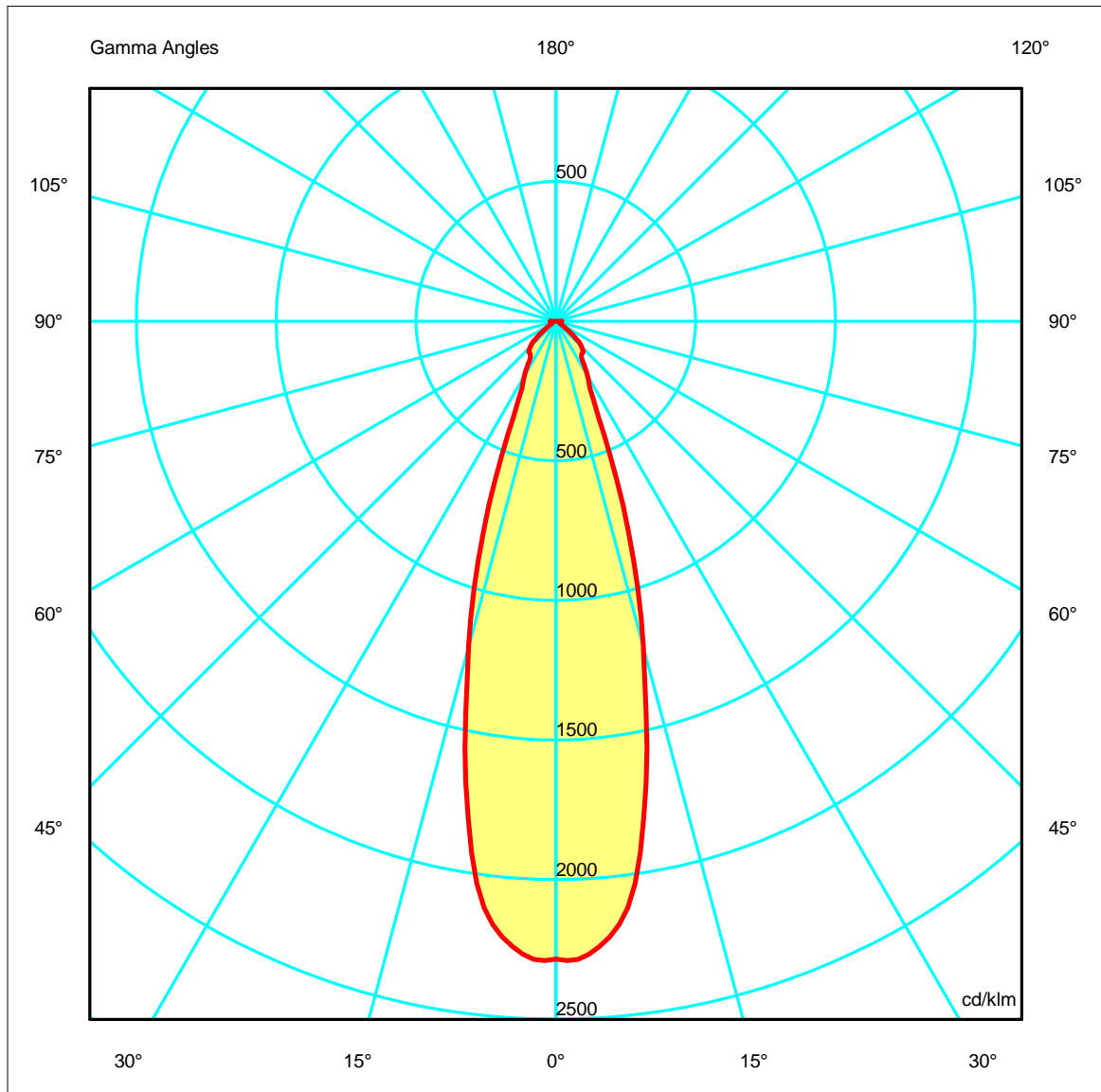
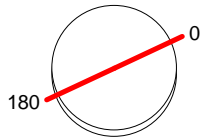
Code TC-1601-SAT(GU10)  
 Name HALOPAR 16 50W SPOTY

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

**Measurment**

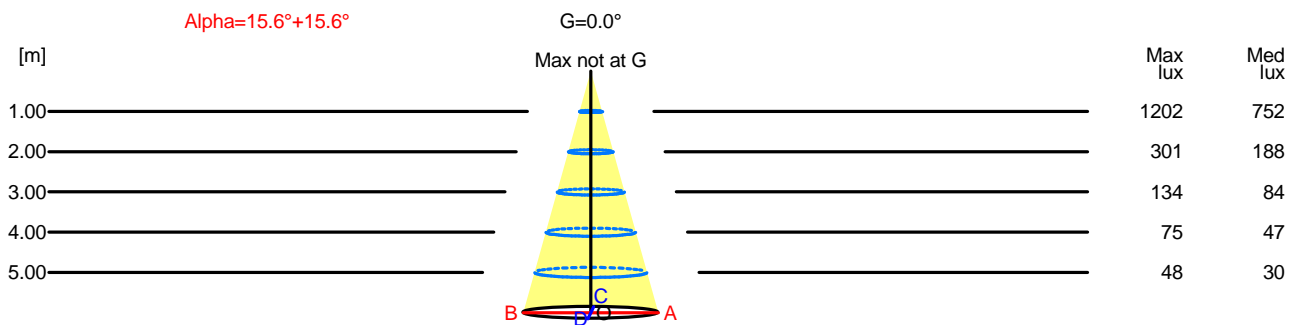
Code TC-1601-SAT(GU10)  
Name HALOPAR 16 50W SPOTY

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

**Measurement**

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

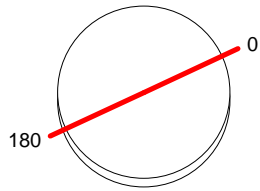
**Measur.**

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

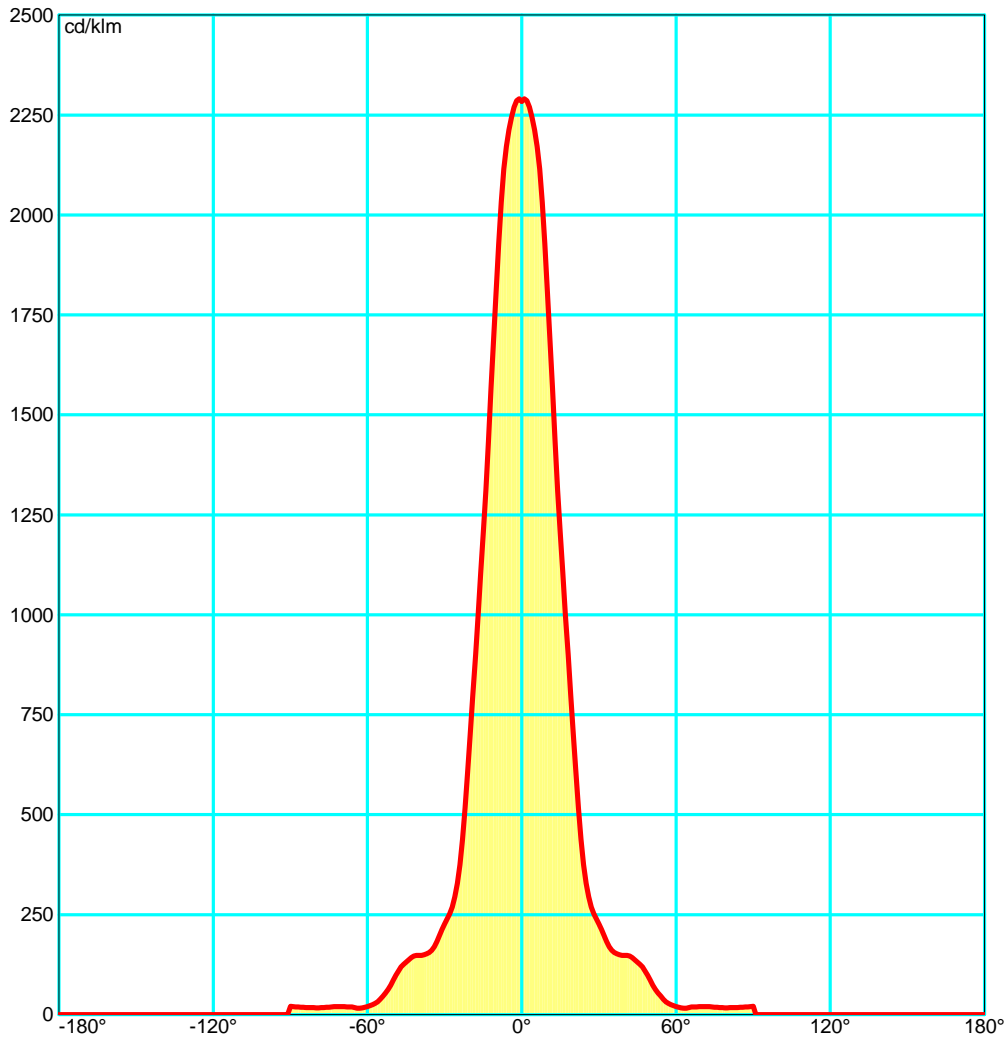
Luminaire Flux	525.20 lm	Luminaire Power	50.00 W	Efficacy	10.50 lm/W	Efficiency	100.00%
Lamps Flux	525.20 lm	Maximum value	2290.12 cd/klm	Position	C=0.00 G=1.00	CG	Rotosymmetrical

Diam=45mm

C Halfplanes



180.0  0.0



**Luminaire**

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

**Measur.**

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

**Measurerm.**

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

**Measurerm.**

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

**Measurment.**

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**

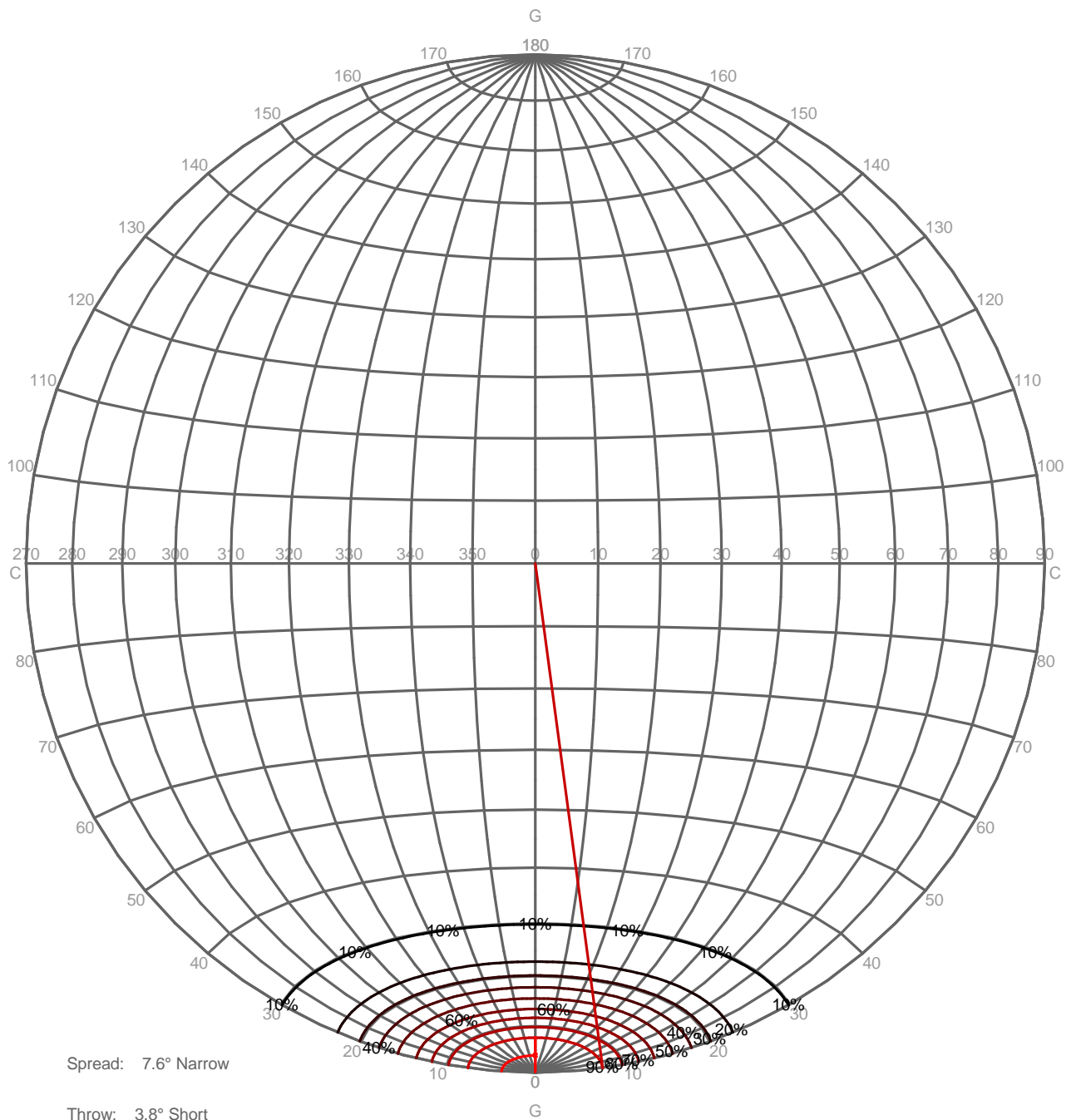
	C 260.00	C 270.00	C 280.00	C 290.00	C 300.00	C 310.00	C 320.00	C 330.00	C 340.00	C 350.00
G 0.0	3818700.05	3818700.05	3818700.05	3818700.05	3818700.05	3818700.05	3818700.05	3818700.05	3818700.05	3818700.05
G 5.0	3516942.45	3516942.45	3516942.45	3516942.45	3516942.45	3516942.45	3516942.45	3516942.45	3516942.45	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  
**Measur.**  
 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°



**Luminaire**

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

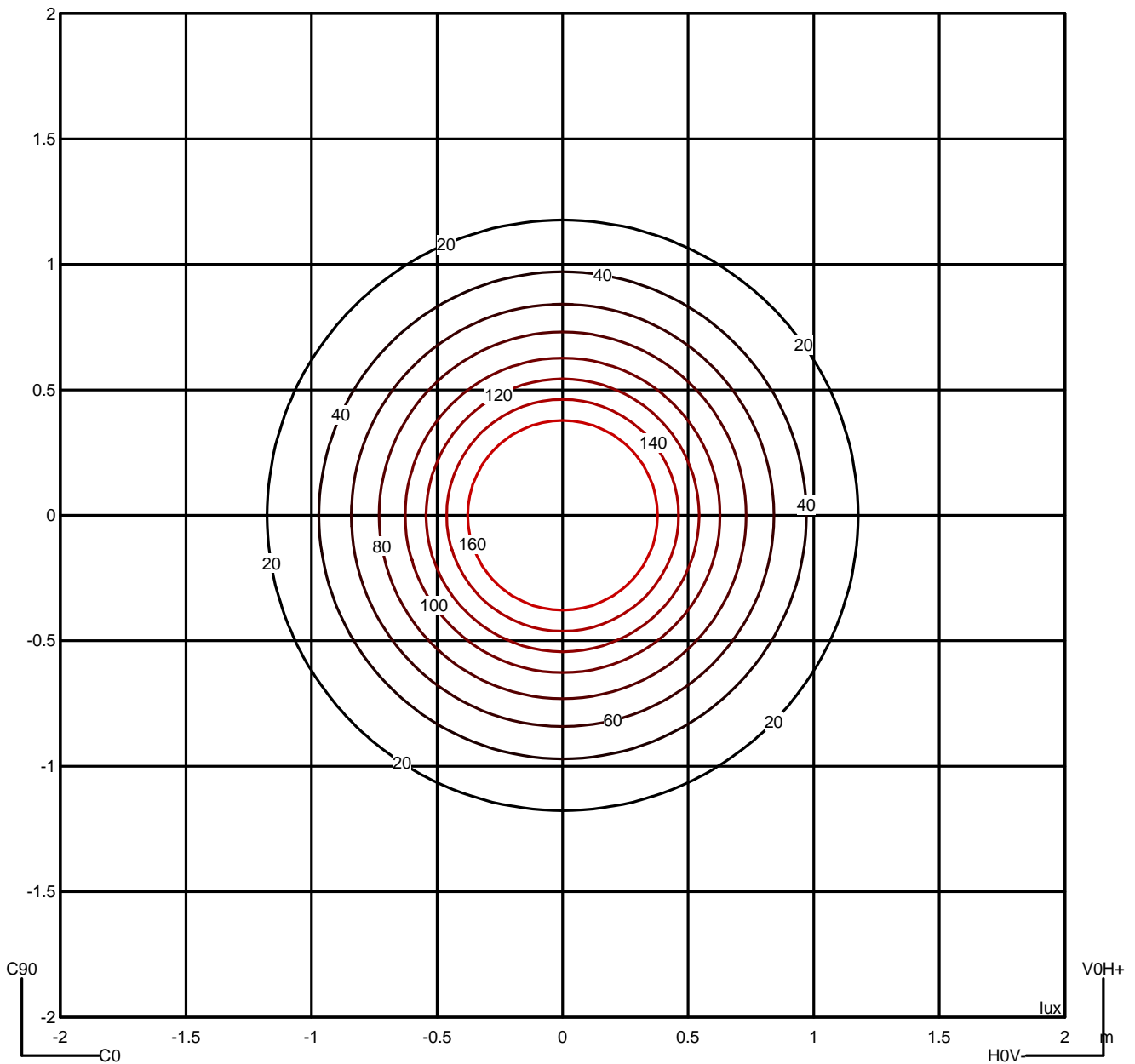
**Measur.**

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

**Measur.**

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/m <sup>2</sup> ]										
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

