

Luminaire

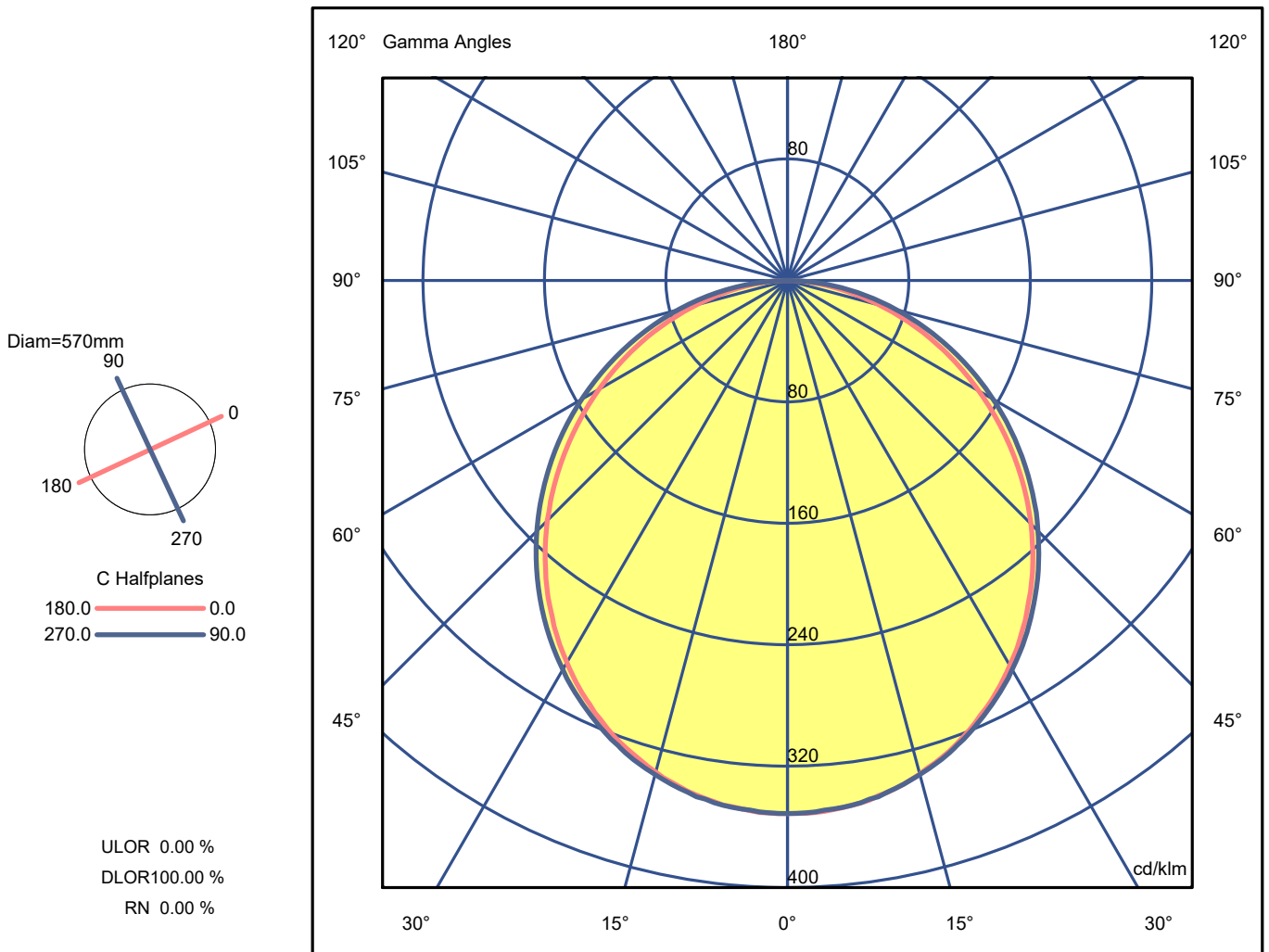
Code LUNA6 LED @ 225mA
Name LUNA6-27W-4K

Measurem.

Code 739
Name LUNA6-27W-4K

Luminaire Flux	3953.54 lm	Luminaire Power	31.52 W	Efficacy	125.43 lm/W	Efficiency	100.00%
Lamps Flux	3953.54 lm	Maximum value	351.69 cd/klm	Position	C=0.00 G=0.50	CG	Asymmetrical
Round Luminaire		Diam.	570 mm	Height	1 mm		
Round Luminous Area		Diam.	570 mm	Height	0 mm		
Horizontal Luminous Area		0.255176 m2		Emitting area on Plane 180°		0.000000 m2	
Emitting area on Plane 0°		0.000000 m2		Emitting area on Plane 270°		0.000000 m2	
Emitting area on Plane 90°		0.000000 m2		Glare area at 76°		0.061733 m2	
Coordinate system		CG		Symmetry Type		Asymmetrical	
Date		12-02-2019		Maximum Gamma Angle		90	
Measurement Distance		0.00		Measurement Flux		3953.54 lm	
Operator				Rated Voltage			
Temperature		25.00 °C		Rated Current			
Humidity		60.00 %		Photocell			
Notes							

Luminaire Lamps							
Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty		
	LUNA6 LED @ 225mA	LUNA6 LED @ 225mA 14.40W	1801.20	31.52	1		
C.I.E.	47 78 95 100 100	D DIN 5040	A30				
F UTE	1.00 E	B NBN	BZ 5				



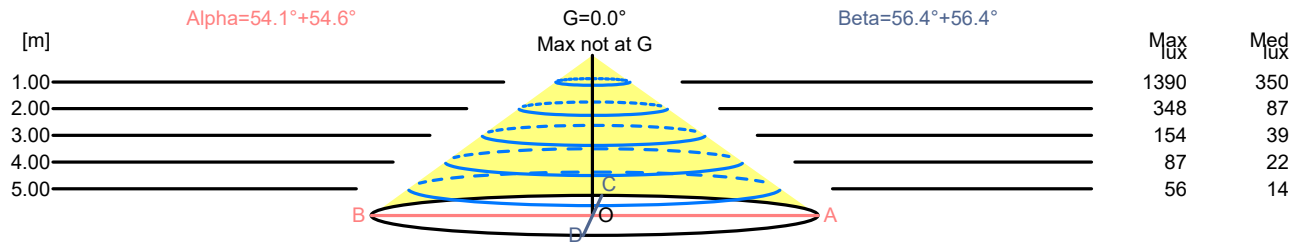
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Width at 50.00 % of Max Intensity

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	1.41	2.81	4.22	5.63	7.04	OC	1.51	3.01	4.52	6.02	7.53
OB	1.38	2.76	4.14	5.52	6.90	OD	1.51	3.01	4.52	6.02	7.53

	0	5	15	25	35	45	55	65	75	85
OA	1388.35	1383.06	1331.15	1226.76	1080.03	896.53	685.92	466.14	249.65	67.96
OB	1388.35	1381.19	1325.24	1218.11	1068.04	884.24	674.07	458.81	245.53	69.25
OC	1388.35	1381.50	1331.85	1234.37	1095.70	922.30	724.82	510.50	293.44	88.81
OD	1388.35	1381.50	1331.85	1234.37	1095.70	922.30	724.82	510.50	293.44	88.81



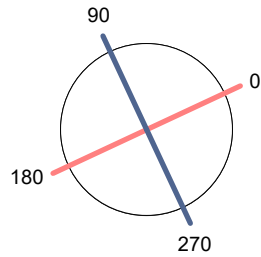
H[m]	D[m]	Max lux	Med lux	Alpha=54.1°+54.6°	G=0.0 Max not at G	
1.00	2.79	1390	350			
2.00	5.57	348	87			
3.00	8.36	154	39			
4.00	11.15	87	22			
5.00	13.93	56	14			

H[m]	D[m]	Max lux	Med lux	Beta=56.4°+56.4°	G=0.0 Max not at G	
1.00	3.01	1390	350			
2.00	6.02	348	87			
3.00	9.04	154	39			
4.00	12.05	87	22			
5.00	15.06	56	14			

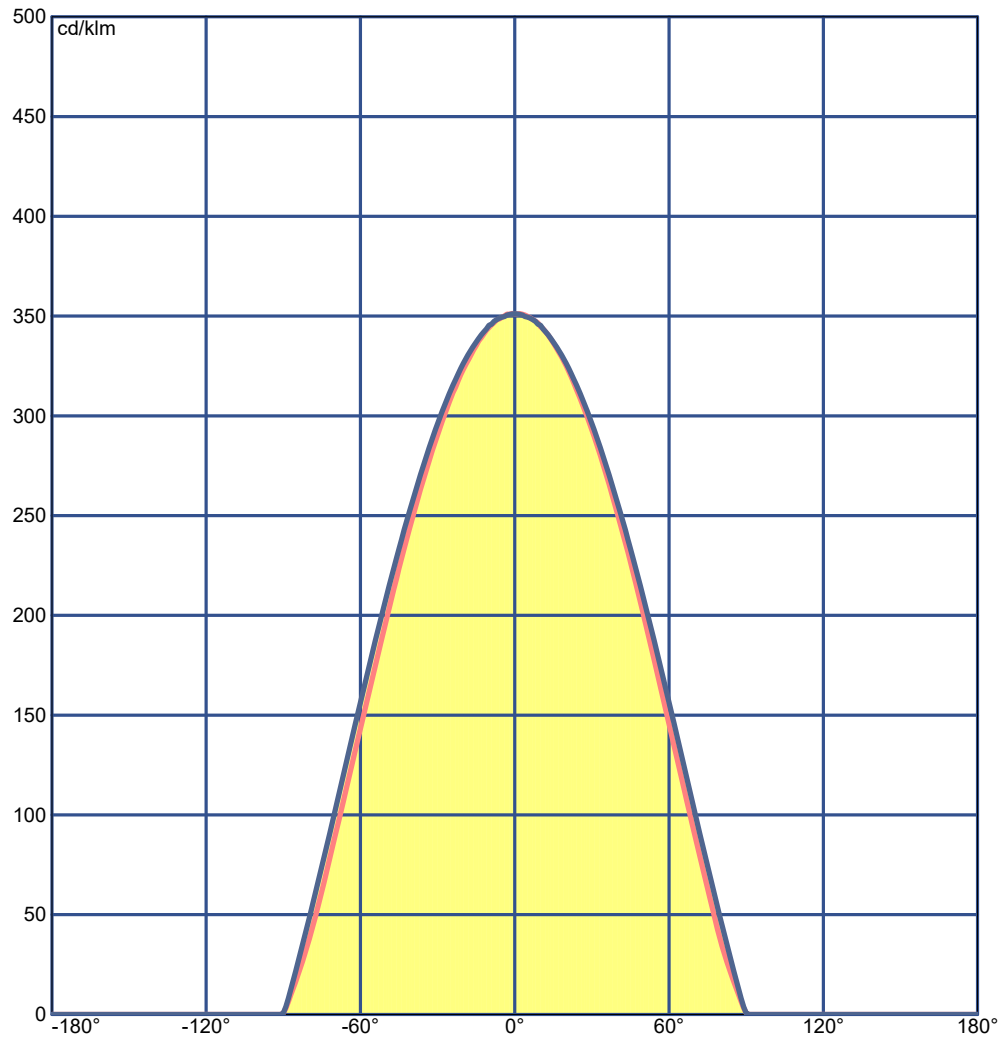
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Diam=570mm



C Halfplanes
 180.0 — 0.0
 270.0 — 90.0

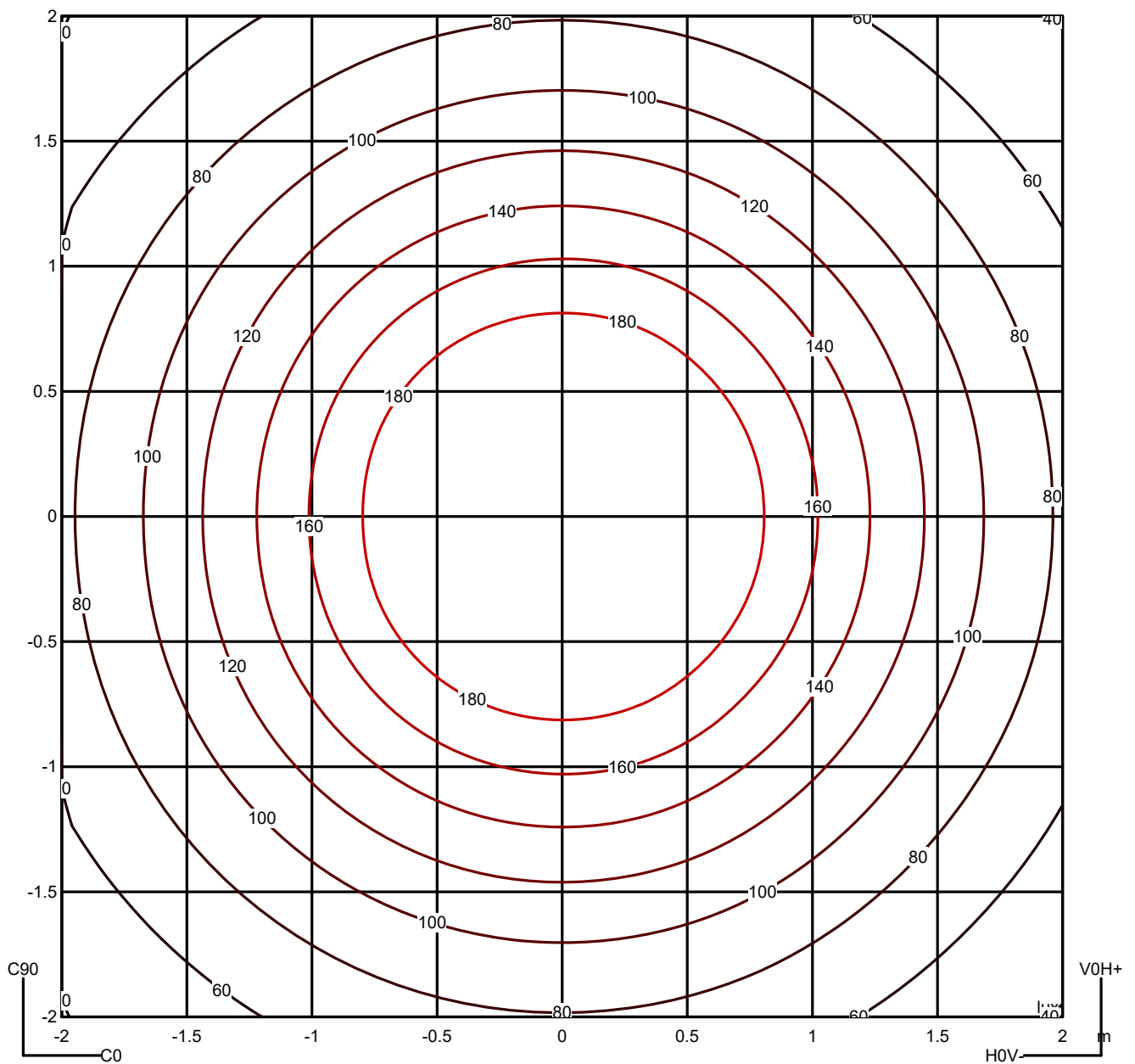


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Isolux (Floor)

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



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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										
RoomDimensions	Viewed Crosswise					Viewed Endwise				
x=2H y=2H	17.7	19.1	18.0	19.3	19.6	18.0	19.4	18.3	19.6	19.9
x=2H y=3H	19.3	20.6	19.7	20.8	21.1	19.8	21.0	20.1	21.3	21.6
x=2H y=4H	20.0	21.1	20.3	21.4	21.7	20.6	21.7	20.9	22.0	22.3
x=2H y=6H	20.4	21.5	20.8	21.8	22.1	21.2	22.2	21.5	22.5	22.8
x=2H y=8H	20.6	21.6	21.0	21.9	22.3	21.4	22.4	21.8	22.7	23.0
x=2H y=12H	20.7	21.7	21.1	22.0	22.4	21.5	22.5	21.9	22.8	23.2
x=4H y=2H	18.6	19.8	19.0	20.1	20.4	18.8	20.0	19.2	20.2	20.5
x=4H y=3H	20.4	21.4	20.8	21.7	22.1	20.7	21.7	21.1	22.0	22.4
x=4H y=4H	21.2	22.1	21.6	22.4	22.8	21.6	22.5	22.0	22.9	23.2
x=4H y=6H	21.8	22.5	22.2	22.9	23.3	22.4	23.1	22.8	23.5	23.9
x=4H y=8H	22.0	22.7	22.4	23.1	23.5	22.7	23.4	23.1	23.8	24.2
x=4H y=12H	22.2	22.8	22.6	23.2	23.7	22.9	23.5	23.3	23.9	24.4
x=8H y=4H	21.6	22.3	22.1	22.7	23.1	22.0	22.7	22.4	23.1	23.5
x=8H y=6H	22.4	23.0	22.9	23.4	23.9	22.9	23.5	23.3	23.9	24.4
x=8H y=8H	22.7	23.2	23.2	23.7	24.2	23.3	23.8	23.8	24.2	24.7
x=8H y=12H	23.0	23.4	23.5	23.9	24.4	23.6	24.0	24.1	24.5	25.0
x=12H y=4H	21.7	22.3	22.1	22.8	23.2	22.0	22.7	22.5	23.1	23.5
x=12H y=6H	22.5	23.0	23.0	23.5	24.0	23.0	23.5	23.5	23.9	24.4
x=12H y=8H	22.9	23.3	23.4	23.8	24.3	23.4	23.8	23.9	24.3	24.8