

Luminaire

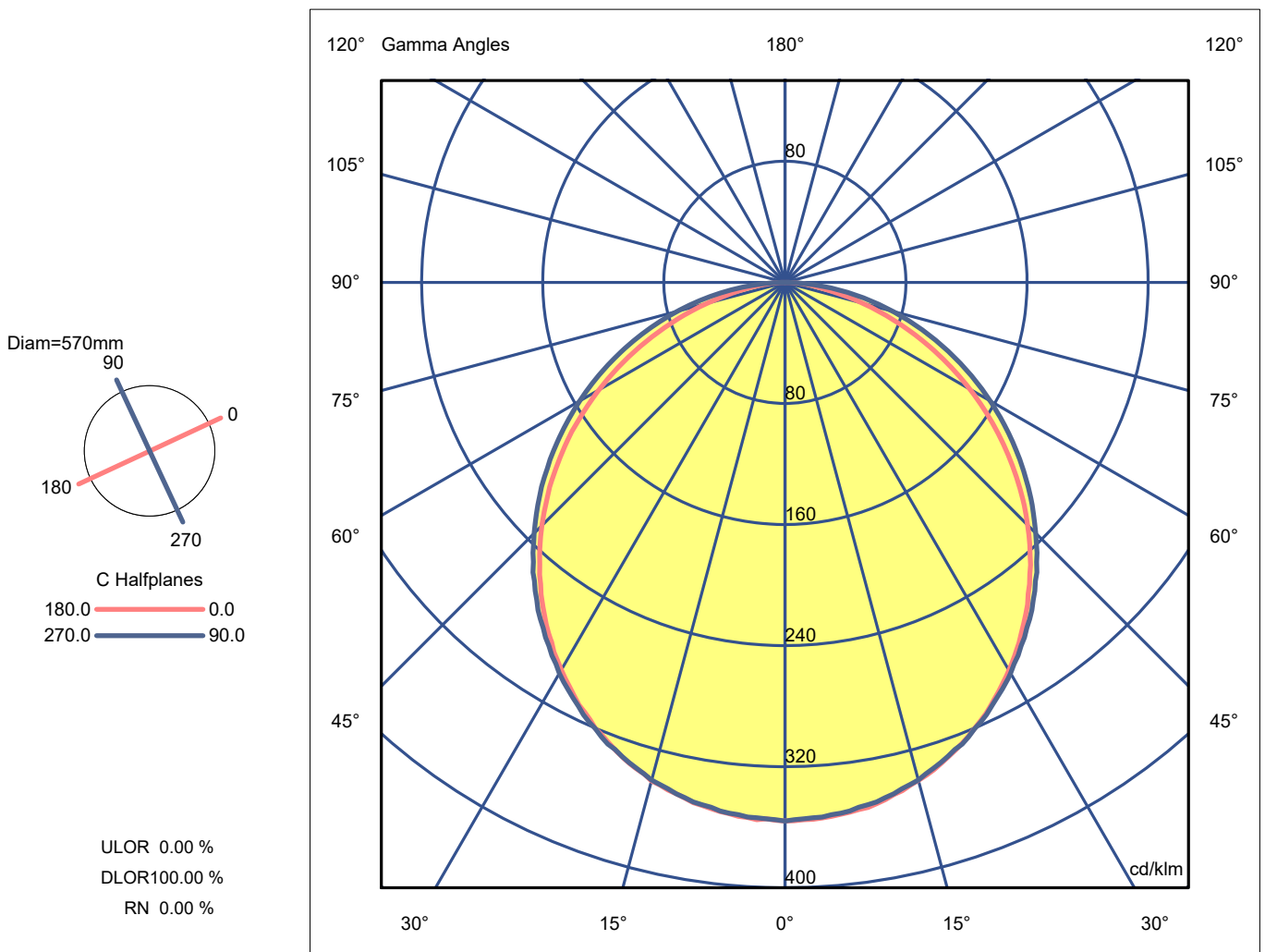
Code LUNA6 LED
Name LUNA6-36W-4K

Measurement

Code 731
Name LUNA6-36W-4K

Luminaire Flux	5157.94 lm	Luminaire Power	40.80 W	Efficacy	126.42 lm/W	Efficiency	100.00%
Lamps Flux	5157.94 lm	Maximum value	356.20 cd/klm	Position	C=22.50 G=1.00	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	31-01-2019		Maximum Gamma Angle		90		
Measurement Distance	0.00		Measurement Flux		5157.94 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
		LUNA6 LED	Name	LUNA6 LED 40.80W	5157.94lm	40.80	1
C.I.E.	47 79 95 100 100		D DIN 5040	A30			
F UTE	1.00 E		B NBN	BZ 4			



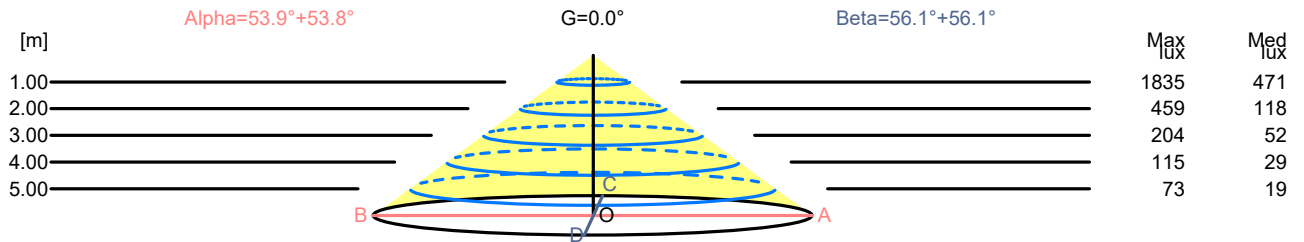
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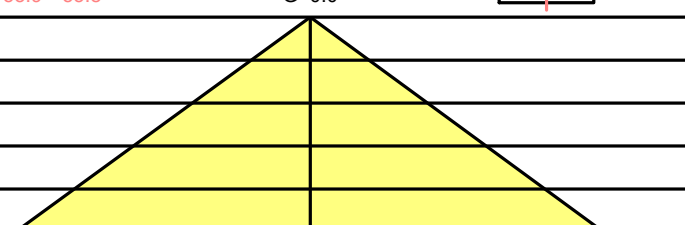
Width at 50.00 % of Max Intensity

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	1.37	2.73	4.10	5.46	6.83	OC	1.49	2.97	4.46	5.94	7.43
OB	1.37	2.75	4.12	5.49	6.86	OD	1.49	2.97	4.46	5.94	7.43

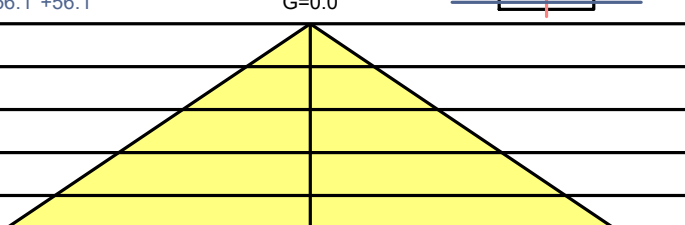
	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	1835.25	1826.31	1756.52	1620.63	1418.29	1168.96	880.59	572.69	274.45	70.74
OB	1835.25	1826.13	1758.45	1615.29	1418.06	1171.01	887.23	575.46	275.84	71.57
OC	1835.25	1820.46	1755.38	1625.30	1436.77	1208.69	947.09	664.81	379.67	109.41
OD	1835.25	1820.46	1755.38	1625.30	1436.77	1208.69	947.09	664.81	379.67	109.41



H[m]	D[m]	Max lux	Med lux	Alpha=53.9°+53.8°	G=0.0
1.00	2.74	1835	471		
2.00	5.48	459	118		
3.00	8.21	204	52		
4.00	10.95	115	29		
5.00	13.69	73	19		



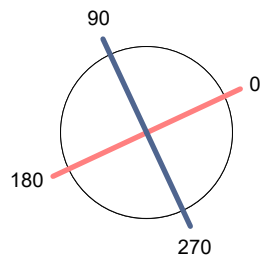
H[m]	D[m]	Max lux	Med lux	Beta=56.1°+56.1°	G=0.0
1.00	2.97	1835	471		
2.00	5.94	459	118		
3.00	8.92	204	52		
4.00	11.89	115	29		
5.00	14.86	73	19		



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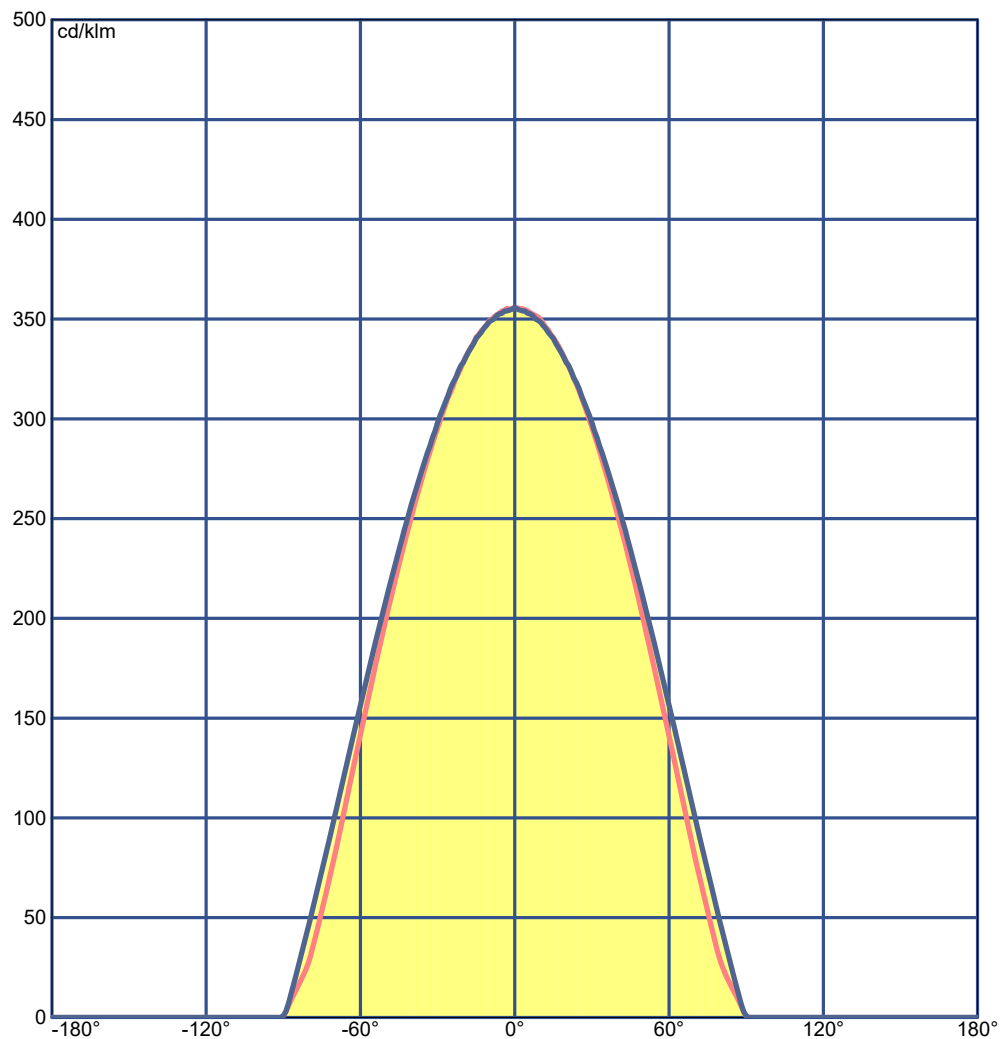
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Diam=570mm



C Halfplanes

180.0 — 0.0
 270.0 — 90.0

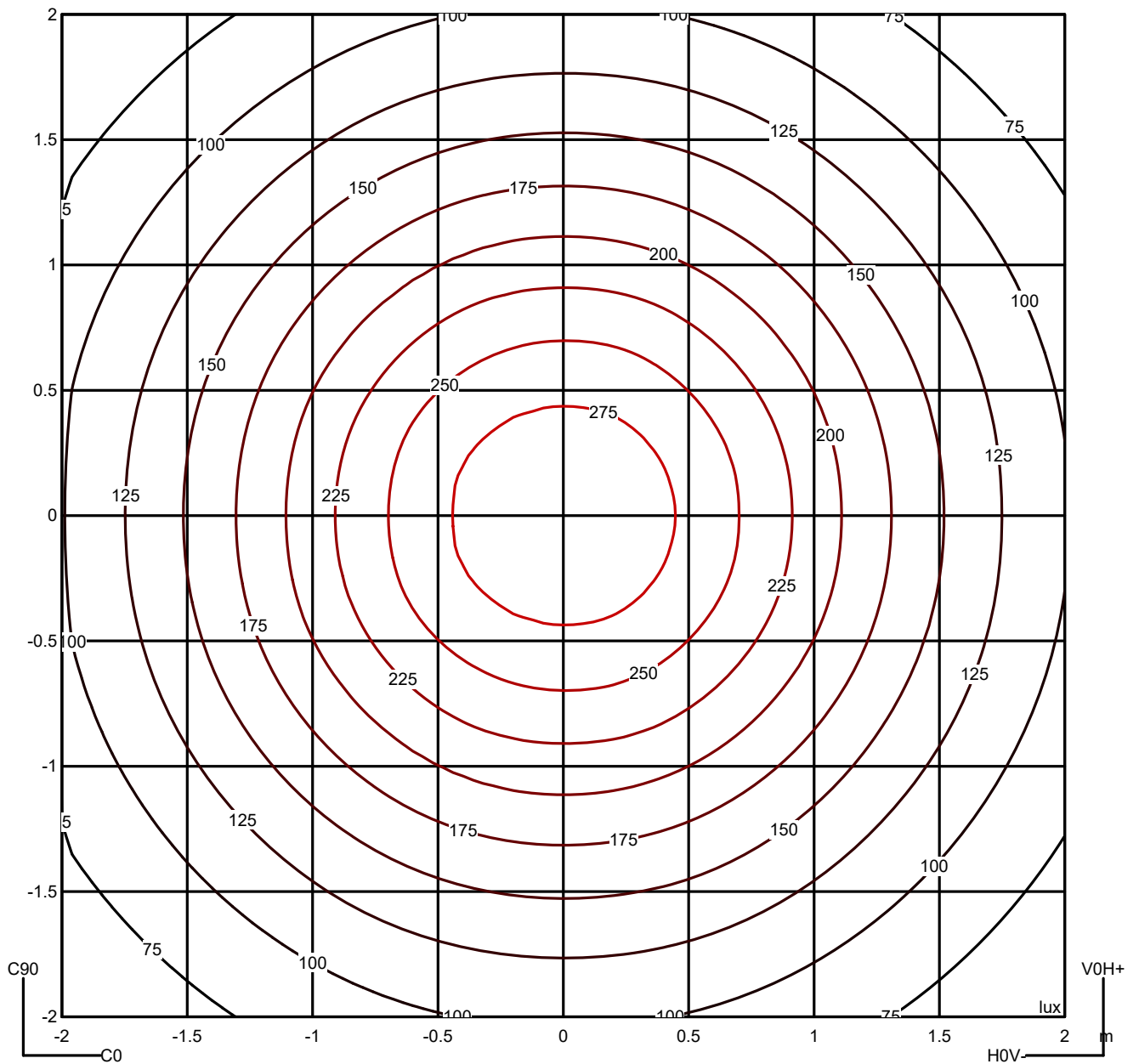


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Isolux (Floor)

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	18.7	20.0	19.0	20.2	20.5	19.0	20.3	19.3	20.6	20.8
x=2H y=3H	20.1	21.3	20.4	21.6	21.9	20.8	21.9	21.1	22.2	22.5
x=2H y=4H	20.6	21.8	21.0	22.0	22.3	21.5	22.6	21.8	22.9	23.2
x=2H y=6H	20.9	22.0	21.3	22.3	22.6	22.1	23.1	22.4	23.4	23.7
x=2H y=8H	21.0	22.0	21.4	22.4	22.7	22.3	23.3	22.6	23.6	23.9
x=2H y=12H	21.1	22.1	21.5	22.4	22.7	22.4	23.4	22.8	23.7	24.1
x=4H y=2H	19.5	20.6	19.9	20.9	21.2	19.8	20.9	20.1	21.2	21.5
x=4H y=3H	21.2	22.1	21.5	22.4	22.8	21.7	22.7	22.1	23.0	23.3
x=4H y=4H	21.8	22.7	22.2	23.0	23.4	22.6	23.4	23.0	23.8	24.2
x=4H y=6H	22.3	23.0	22.7	23.4	23.8	23.3	24.0	23.7	24.4	24.8
x=4H y=8H	22.4	23.1	22.8	23.5	23.9	23.6	24.2	24.0	24.6	25.1
x=4H y=12H	22.5	23.1	22.9	23.5	24.0	23.8	24.4	24.2	24.8	25.2
x=8H y=4H	22.3	23.0	22.7	23.3	23.8	22.9	23.6	23.3	24.0	24.4
x=8H y=6H	22.9	23.4	23.3	23.9	24.3	23.8	24.3	24.2	24.8	25.2
x=8H y=8H	23.1	23.6	23.6	24.0	24.5	24.2	24.6	24.6	25.1	25.6
x=8H y=12H	23.3	23.7	23.8	24.2	24.7	24.4	24.9	24.9	25.3	25.8
x=12H y=4H	22.3	23.0	22.8	23.4	23.8	22.9	23.5	23.4	23.9	24.4
x=12H y=6H	23.0	23.5	23.5	23.9	24.4	23.8	24.3	24.3	24.8	25.3
x=12H y=8H	23.3	23.7	23.8	24.2	24.7	24.3	24.7	24.7	25.1	25.7