

Luminaire

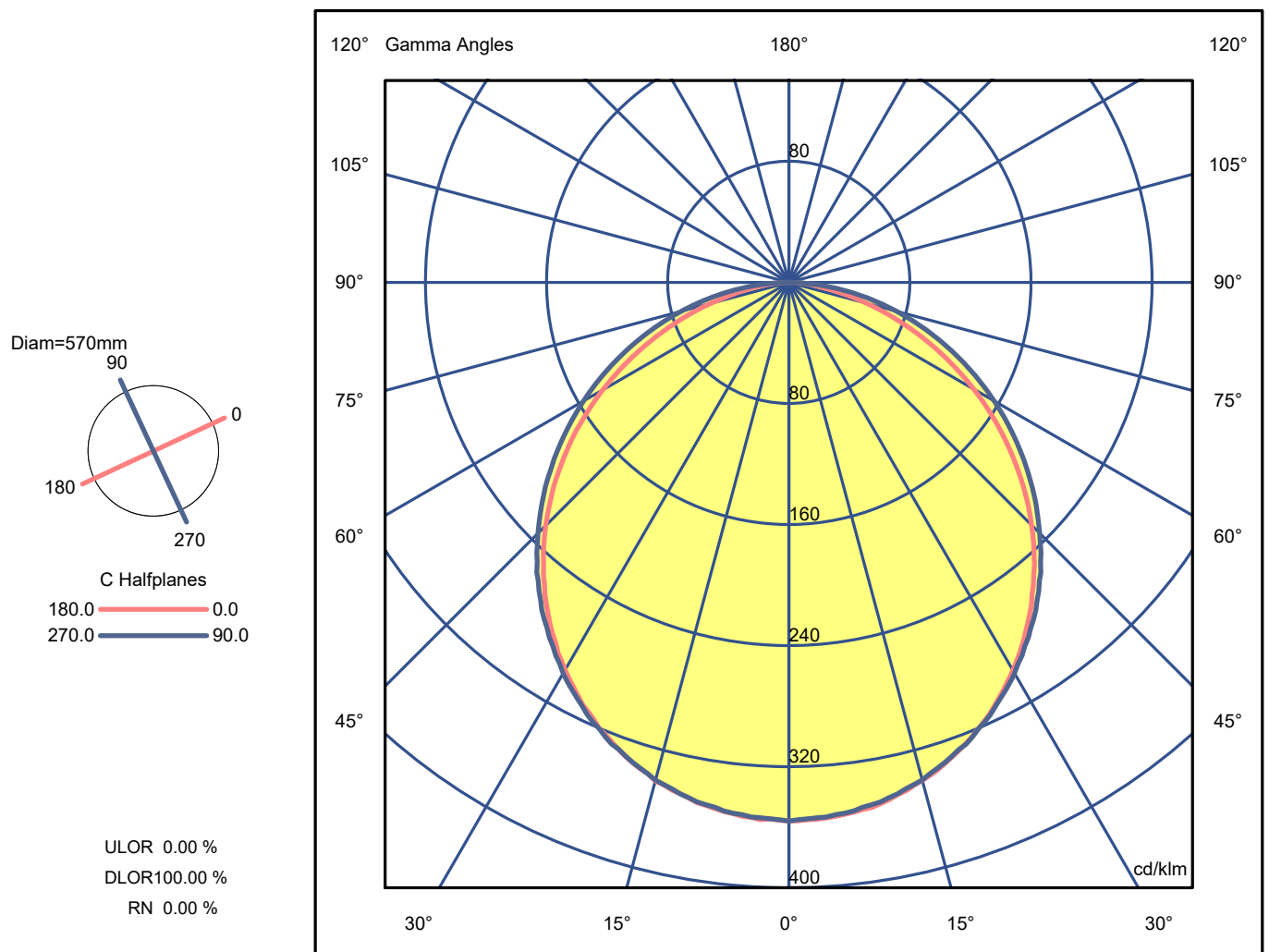
Code LUNA6 LED @ 350mA
Name LUNA6-42W-4K

Measurement

Code 731
Name LUNA6-42W-4K

Luminaire Flux	5812.89 lm	Luminaire Power	46.20 W	Efficacy	125.82 lm/W	Efficiency	100.00%
Lamps Flux	5812.89 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		5812.89 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 @ 350mA	LUNA6 LED @ 350mA 40.80W	5157.94	46.20	1		
C.I.E.	47 79 95 100 100	D DIN 5040	A30				
F UTE	1.00 E	B NBN	BZ 4				



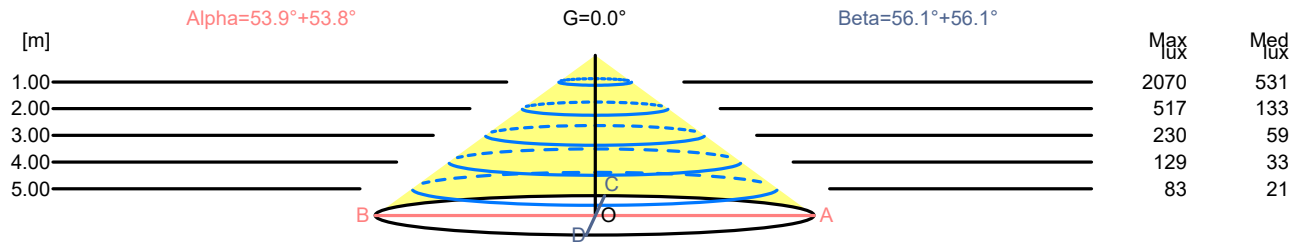
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Width at 50.00 % of Max Intensity

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	2068.29	2058.21	1979.56	1826.42	1598.38	1317.39	992.41	645.41	309.30	79.72
OB	2068.29	2058.01	1981.74	1820.40	1598.13	1319.70	999.89	648.53	310.87	80.66
OC	2068.29	2051.62	1978.28	1831.68	1619.21	1362.17	1067.35	749.23	427.88	123.30
OD	2068.29	2051.62	1978.28	1831.68	1619.21	1362.17	1067.35	749.23	427.88	123.30



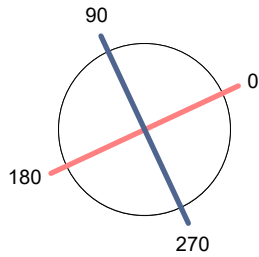
H[m]	D[m]	Max lux	Med lux	Alpha=53.9°+53.8°	G=0.0	
1.00	2.74	2070	531			
2.00	5.48	517	133			
3.00	8.21	230	59			
4.00	10.95	129	33			
5.00	13.69	83	21			

H[m]	D[m]	Max lux	Med lux	Beta=56.1°+56.1°	G=0.0	
1.00	2.97	2070	531			
2.00	5.94	517	133			
3.00	8.92	230	59			
4.00	11.89	129	33			
5.00	14.86	83	21			

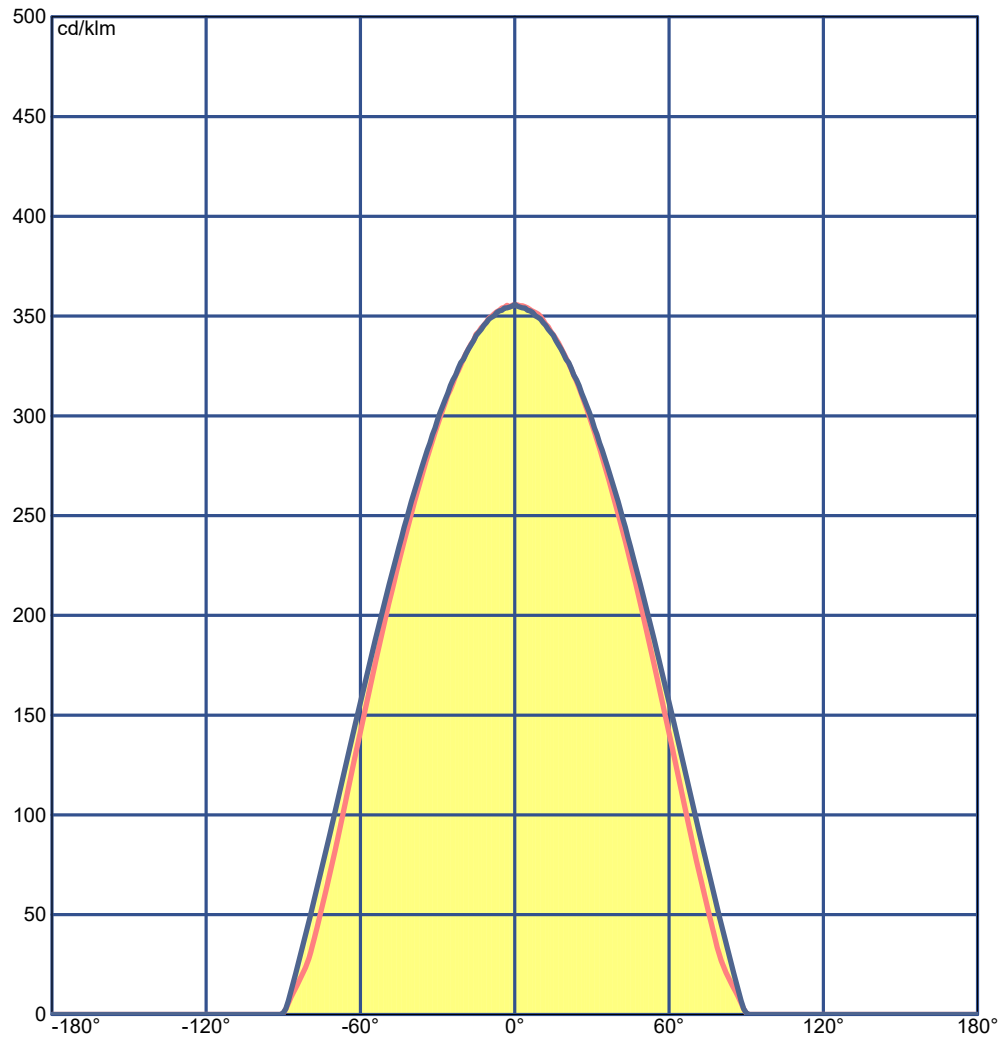
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Diam=570mm



C Halfplanes
 180.0 ————— 0.0
 270.0 ————— 90.0



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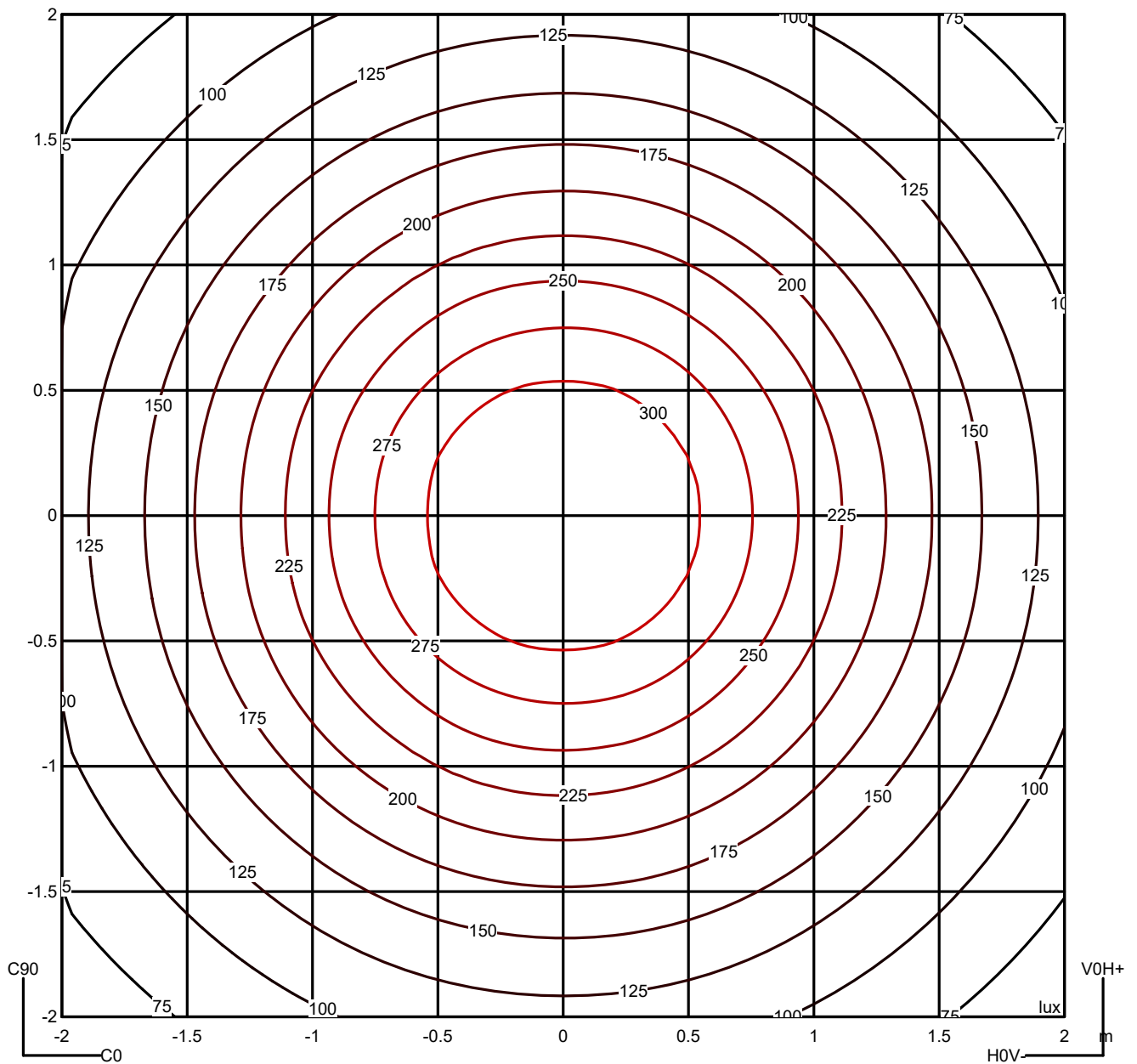
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Isolux (Floor)

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	19.1	20.4	19.4	20.6	20.9	19.4	20.8	19.7	21.0	21.2
x=2H y=3H	20.5	21.7	20.8	22.0	22.3	21.2	22.4	21.5	22.6	22.9
x=2H y=4H	21.0	22.2	21.4	22.5	22.7	21.9	23.0	22.2	23.3	23.6
x=2H y=6H	21.4	22.4	21.7	22.7	23.0	22.5	23.5	22.8	23.8	24.2
x=2H y=8H	21.4	22.4	21.8	22.8	23.1	22.7	23.7	23.1	24.0	24.3
x=2H y=12H	21.5	22.5	21.9	22.8	23.2	22.8	23.8	23.2	24.1	24.5
x=4H y=2H	19.9	21.1	20.3	21.4	21.6	20.2	21.3	20.5	21.6	21.9
x=4H y=3H	21.6	22.5	21.9	22.9	23.2	22.1	23.1	22.5	23.4	23.7
x=4H y=4H	22.2	23.1	22.6	23.4	23.8	23.0	23.8	23.4	24.2	24.6
x=4H y=6H	22.7	23.4	23.1	23.8	24.2	23.7	24.4	24.1	24.8	25.2
x=4H y=8H	22.8	23.5	23.2	23.9	24.3	24.0	24.7	24.4	25.0	25.5
x=4H y=12H	22.9	23.5	23.4	23.9	24.4	24.2	24.8	24.6	25.2	25.6
x=8H y=4H	22.7	23.4	23.1	23.8	24.2	23.3	24.0	23.7	24.4	24.8
x=8H y=6H	23.3	23.9	23.8	24.3	24.7	24.2	24.8	24.7	25.2	25.6
x=8H y=8H	23.5	24.0	24.0	24.5	24.9	24.6	25.1	25.0	25.5	26.0
x=8H y=12H	23.7	24.1	24.2	24.6	25.1	24.9	25.3	25.3	25.7	26.2
x=12H y=4H	22.7	23.4	23.2	23.8	24.2	23.3	24.0	23.8	24.4	24.8
x=12H y=6H	23.4	23.9	23.9	24.4	24.8	24.3	24.8	24.7	25.2	25.7
x=12H y=8H	23.7	24.1	24.2	24.6	25.1	24.7	25.1	25.2	25.6	26.1