

Luminaire

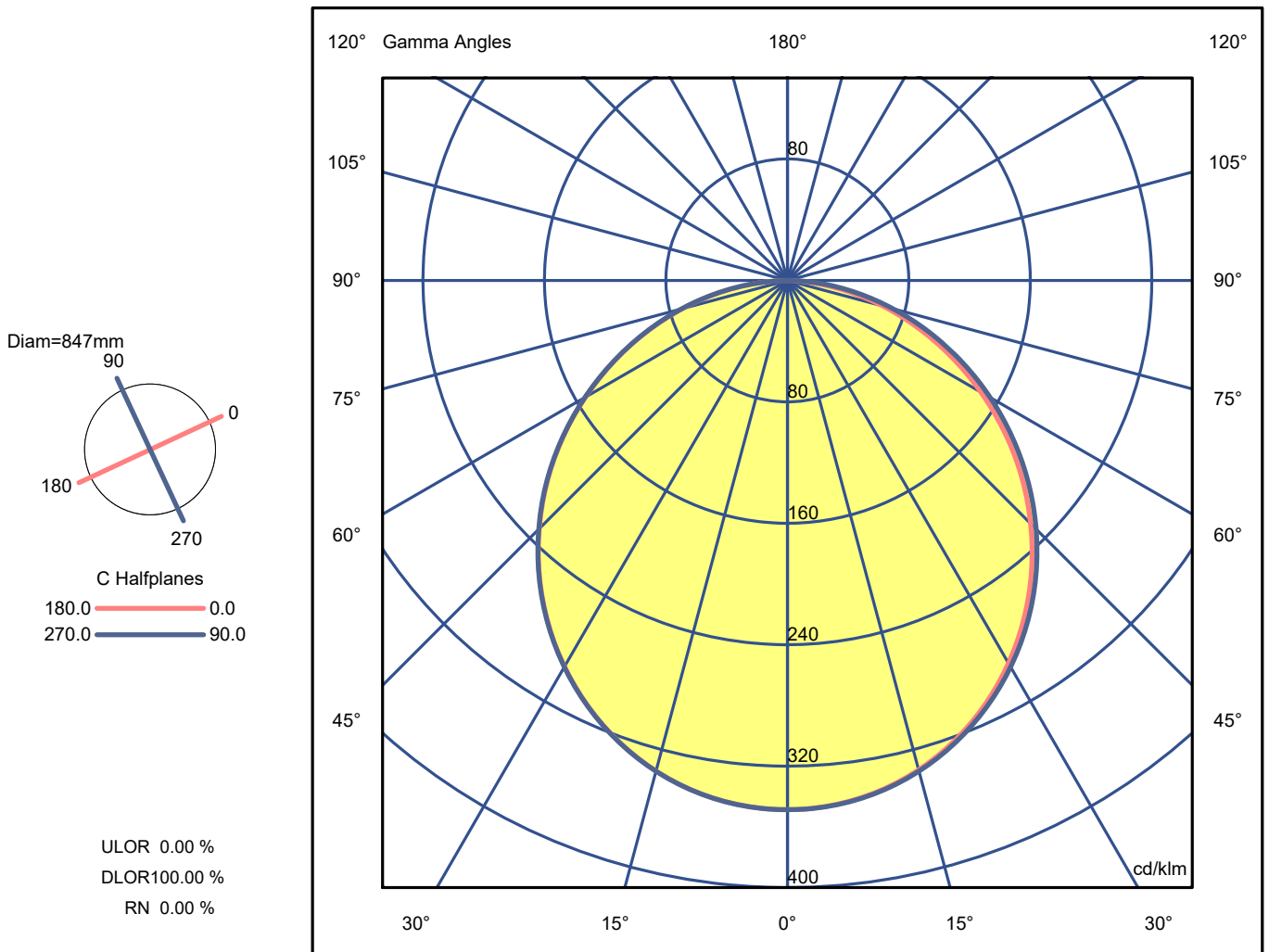
Code LUNA8.5 LED
Name LUNA8.5-53W-4K

Measurement

Code 736
Name LUNA8.5-53W-4K

Luminaire Flux	8048.54 lm	Luminaire Power	59.30 W	Efficacy	135.73 lm/W	Efficiency	100.00%
Lamps Flux	8048.54 lm	Maximum value	348.68 cd/klm	Position	C=22.50 G=0.50	CG	Asymmetrical
Round Luminaire		Diam.	847 mm	Height	1 mm		
Round Luminous Area		Diam.	847 mm	Height	0 mm		
Horizontal Luminous Area		0.563452 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°		0.136311 m2	
Coordinate system		CG		Symmetry Type		Asymmetrical	
Date		12-02-2019		Maximum Gamma Angle		90	
Measurement Distance		0.00		Measurement Flux		8048.54 lm	
Operator				Rated Voltage			
Temperature		25.00 °C		Rated Current			
Humidity		60.00 %		Photocell			
Notes							

Line		Luminaire Lamps										Flux [lm]	Pow. [W]	Q.ty	
		Code	Name												
		LUNA8.5 LED @ 450mA	450mA 59.30W 8048.54lm										8048.54	59.30	1
C.I.E.	47 78 95 100 100		D DIN 5040										A30		
F UTE	1.00 E		B NBN										BZ 5		



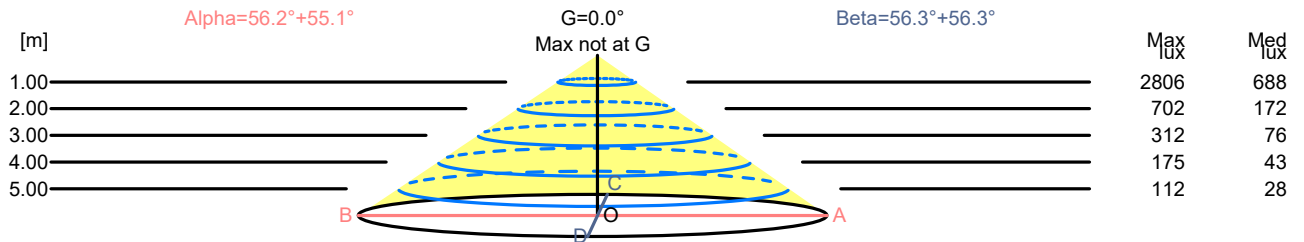
Luminaire
 Code LUNA8.5 LED
 Name LUNA8.5-53W-4K
Measurem.
 Code 736
 Name LUNA8.5-53W-4K

Luminaire Flux	8048.54 lm	Luminaire Power	59.30 W	Efficacy	135.73 lm/W	Efficiency	100.00%
Lamps Flux	8048.54 lm	Maximum value	348.68 cd/klm	Position	C=22.50 G=0.50	CG	Asymmetrical

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	1.43	2.86	4.30	5.73	7.16	OC	1.50	2.99	4.49	5.99	7.48
OB	1.49	2.98	4.48	5.97	7.46	OD	1.50	2.99	4.49	5.99	7.48

	0	5	15	25	35	45	55	65	75	85
OA	2805.95	2792.13	2685.86	2479.96	2186.16	1822.57	1405.98	961.83	519.82	134.65
OB	2805.95	2793.34	2692.05	2494.49	2212.83	1860.22	1454.33	1015.38	573.75	167.38
OC	2805.95	2793.79	2693.13	2496.40	2215.75	1864.30	1458.43	1019.67	578.02	171.77
OD	2805.95	2793.79	2693.13	2496.40	2215.75	1864.30	1458.43	1019.67	578.02	171.77



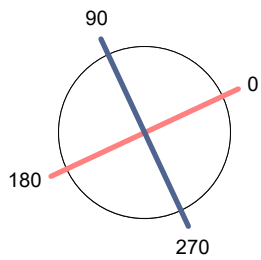
H[m]	D[m]	Max lux	Med lux	Alpha=56.2°+55.1°	G=0.0 Max not at G	
1.00	2.92	2806	688			
2.00	5.85	702	172			
3.00	8.77	312	76			
4.00	11.69	175	43			
5.00	14.62	112	28			

H[m]	D[m]	Max lux	Med lux	Beta=56.3°+56.3°	G=0.0 Max not at G	
1.00	2.99	2806	688			
2.00	5.99	702	172			
3.00	8.98	312	76			
4.00	11.97	175	43			
5.00	14.97	112	28			

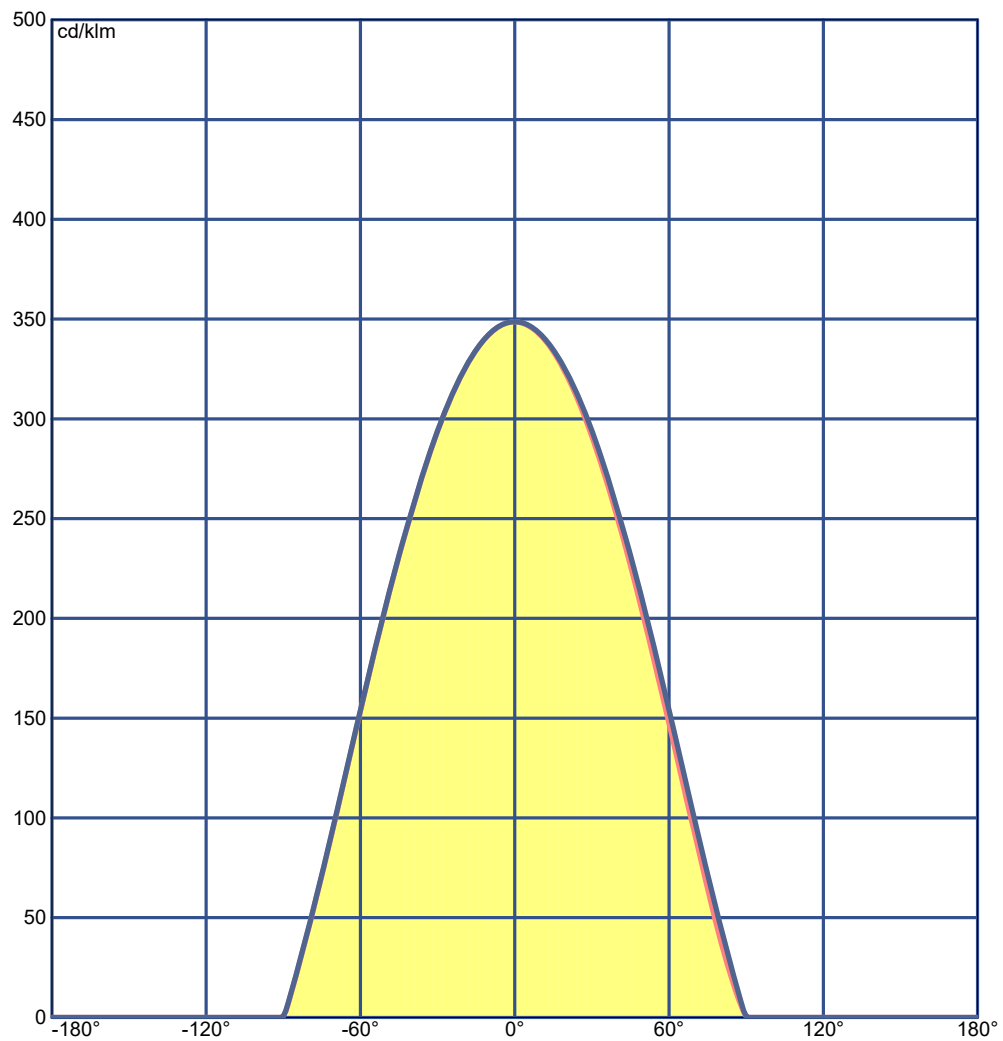
Luminaire
 Code LUNA8.5 LED
 Name LUNA8.5-53W-4K
Measurem.
 Code 736
 Name LUNA8.5-53W-4K

Luminaire Flux	8048.54 lm	Luminaire Power	59.30 W	Efficacy	135.73 lm/W	Efficiency	100.00%
Lamps Flux	8048.54 lm	Maximum value	348.68 cd/klm	Position	C=22.50 G=0.50	CG	Asymmetrical

Diam=847mm



C Halfplanes
 180.0 — 0.0
 270.0 — 90.0

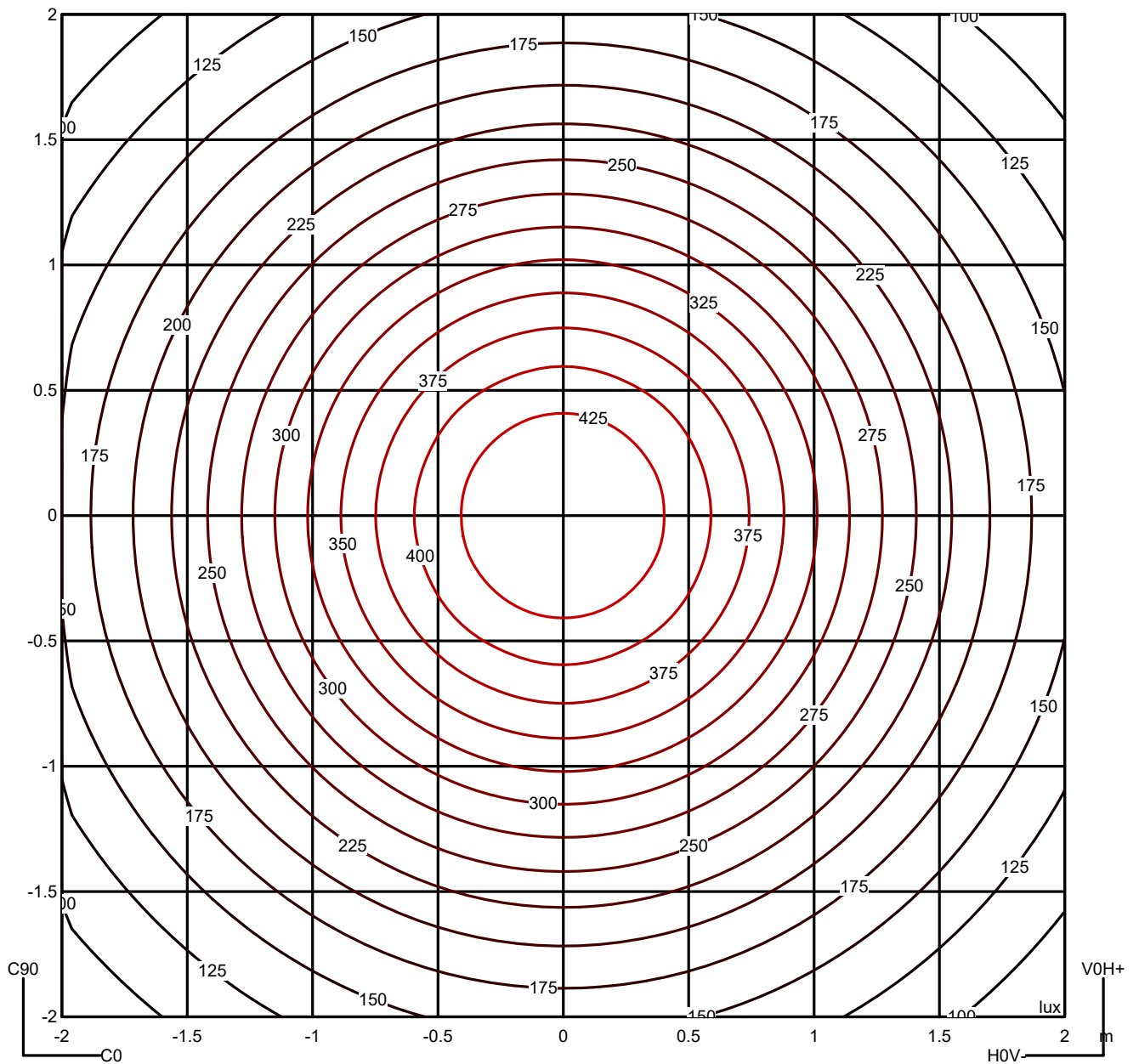


Luminaire
 Code LUNA8.5 LED
 Name LUNA8.5-53W-4K
Measurement
 Code 736
 Name LUNA8.5-53W-4K

Luminaire Flux	8048.54 lm	Luminaire Power	59.30 W	Efficacy	135.73 lm/W	Efficiency	100.00%
Lamps Flux	8048.54 lm	Maximum value	348.68 cd/klm	Position	C=22.50 G=0.50	CG	Asymmetrical

Isolux (Floor)

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



Luminaire

Code LUNA8.5 LED
Name LUNA8.5-53W-4K

Measurement

Code 736
Name LUNA8.5-53W-4K

Luminaire Flux	8048.54 lm	Luminaire Power	59.30 W	Efficacy	135.73 lm/W	Efficiency	100.00%
Lamps Flux	8048.54 lm	Maximum value	348.68 cd/klm	Position	C=22.50 G=0.50	CG	Asymmetrical

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				
	17.7	19.1	18.0	19.3	19.5	17.7	19.1	18.0	19.3	19.5
x=2H y=2H	17.7	19.1	18.0	19.3	19.5	17.7	19.1	18.0	19.3	19.5
x=2H y=3H	19.4	20.6	19.7	20.9	21.2	19.4	20.6	19.7	20.9	21.2
x=2H y=4H	20.1	21.3	20.5	21.6	21.8	20.1	21.3	20.5	21.6	21.9
x=2H y=6H	20.7	21.8	21.1	22.1	22.4	20.7	21.8	21.1	22.1	22.4
x=2H y=8H	20.9	21.9	21.3	22.2	22.6	20.9	22.0	21.3	22.3	22.6
x=2H y=12H	21.1	22.0	21.4	22.4	22.7	21.1	22.1	21.5	22.4	22.7
x=4H y=2H	18.5	19.6	18.8	19.9	20.2	18.5	19.6	18.8	19.9	20.2
x=4H y=3H	20.4	21.4	20.8	21.7	22.0	20.4	21.4	20.8	21.7	22.0
x=4H y=4H	21.3	22.1	21.7	22.5	22.8	21.2	22.1	21.6	22.5	22.8
x=4H y=6H	22.0	22.7	22.4	23.1	23.5	21.9	22.7	22.4	23.1	23.5
x=4H y=8H	22.2	22.9	22.7	23.3	23.7	22.2	22.9	22.7	23.3	23.7
x=4H y=12H	22.4	23.0	22.9	23.5	23.9	22.4	23.1	22.9	23.5	23.9
x=8H y=4H	21.6	22.3	22.1	22.7	23.1	21.6	22.3	22.0	22.7	23.1
x=8H y=6H	22.5	23.1	23.0	23.5	24.0	22.5	23.1	22.9	23.5	23.9
x=8H y=8H	22.9	23.4	23.3	23.8	24.3	22.8	23.3	23.3	23.8	24.3
x=8H y=12H	23.1	23.6	23.6	24.0	24.5	23.1	23.6	23.6	24.0	24.5
x=12H y=4H	21.7	22.3	22.1	22.7	23.2	21.6	22.3	22.1	22.7	23.1
x=12H y=6H	22.6	23.1	23.1	23.5	24.0	22.6	23.1	23.0	23.5	24.0
x=12H y=8H	23.0	23.4	23.5	23.9	24.4	23.0	23.4	23.5	23.9	24.4