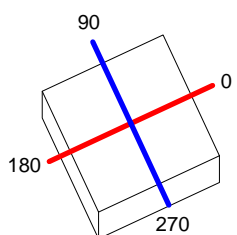


Luminaire		Measur.		Lamp		
Code	55-9792	Code	55-9792	Code	LED	
Name	55-9792	Name	55-9792	Number	1	
Line	Eulumdat	Date	09-02-2015	Position		
Efficiency	100.00%	Coordinate system	CG	Total Flux	313.50 lm	
Maximum value	1018.55 cd	Position	C=0.00 G=1.00	Asymmetrical		
Rectangular Luminaire	Length	110 mm	Width	110 mm	Height	100 mm
Rectangular Luminous Area	Length	110 mm	Width	110 mm	Height	100 mm
Horizontal Luminous Area	0.012100 m2	Emitting area on Plane 180°		0.011000 m2		
Emitting area on Plane 0°	0.011000 m2	Emitting area on Plane 270°		0.011000 m2		
Emitting area on Plane 90°	0.011000 m2	Glare area at 76°		0.013601 m2		
Symmetry Type	Asymmetrical	Maximum Gamma Angle		90		
Measurement Distance	0.00	Measurement Flux		313.50 lm		
Operator		Source voltage				
Temperature	25.00 °C	Source current				
Humidity	60.00 %	Photocell				
Notes						

Line		Luminaire Lamps			Flux [lm]	Pow. [W]	Q.ty
Eulumdat	Code	Name					
	LED	LED - 5.30 W			313.50	5.30	1
C.I.E.	90 98 100 100 100		D DIN 5040	A60			
F UTE	1.00 A		B NBN	BZ 1			

110mm x 110mm



C Halfplanes

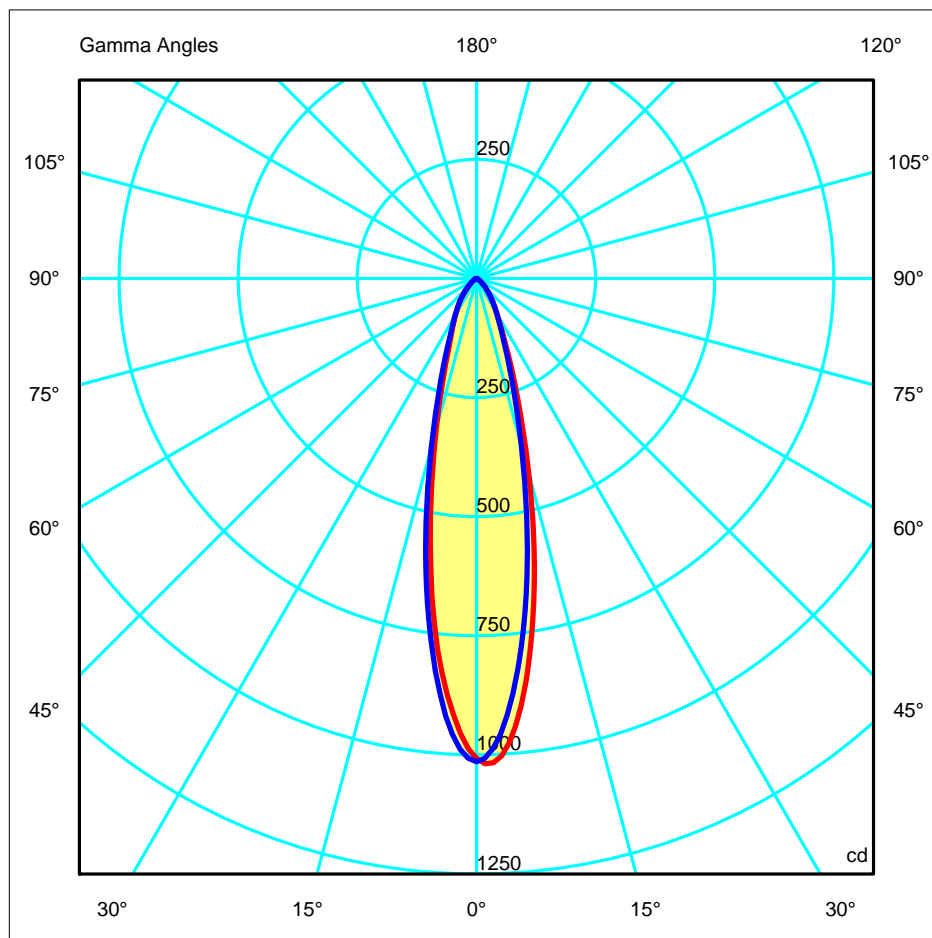
180.0 — 0.0

270.0 — 90.0

ULOR 0.00 %

DLOR 100.00 %

RN 0.00 %

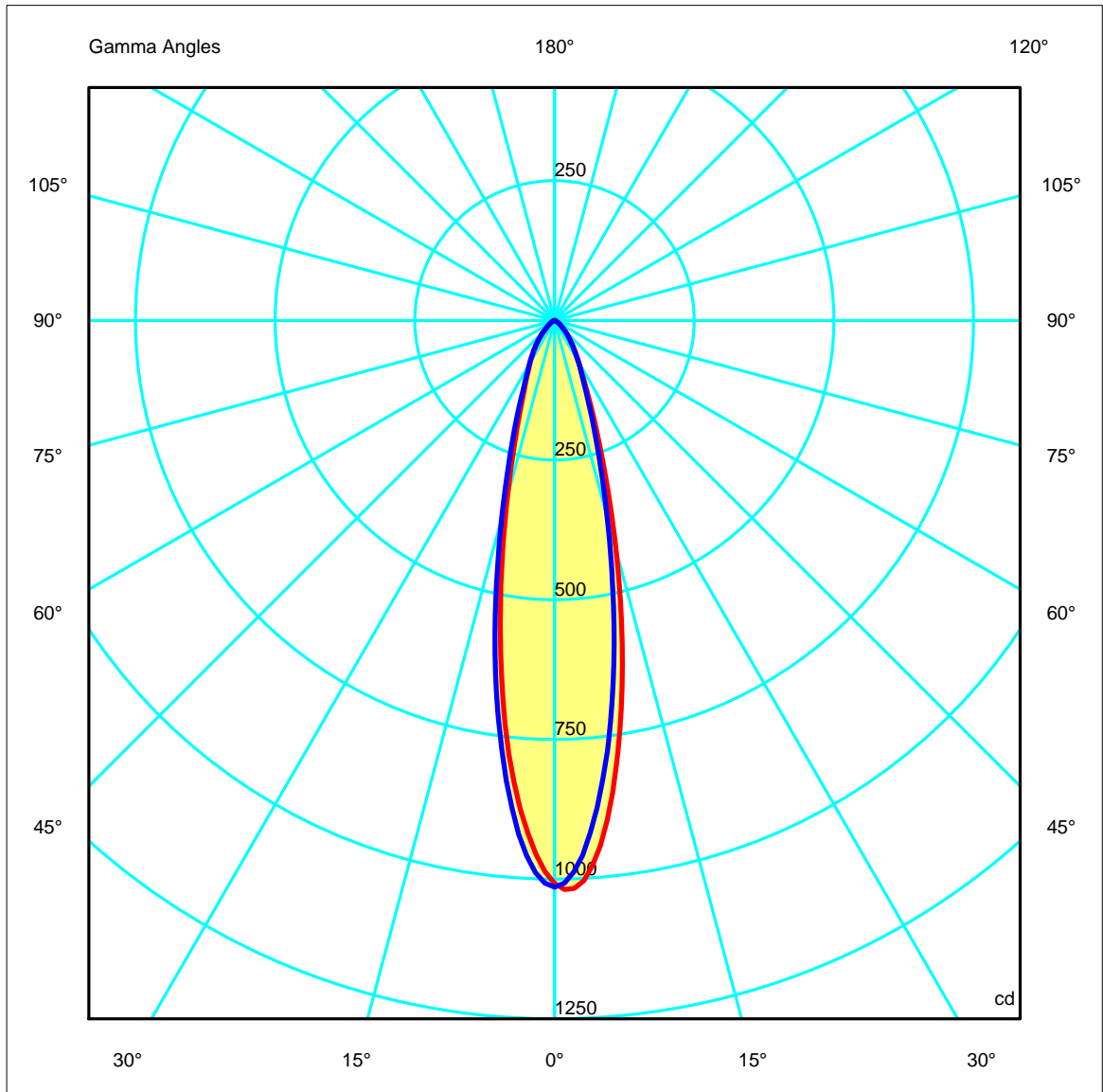
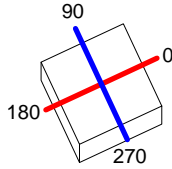


Luminaire		Measuram.		Lamp	
Code	55-9792	Code	55-9792	Code	LED
Name	55-9792	Name	55-9792	Number	1
Line	Eulumdat	Date	09-02-2015	Position	
Efficiency	100.00%	Coordinate system	CG	Total Flux	313.50 lm

110mm x 110mm

C Halfplanes

180.0 ——— 0.0
 270.0 ——— 90.0



Luminaire
 Code 55-9792
 Name 55-9792
 Line Eulumdat

Measur.
 Code 55-9792
 Name 55-9792
 Date 09-02-2015

Lamp
 Code LED
 Number 1
 Position

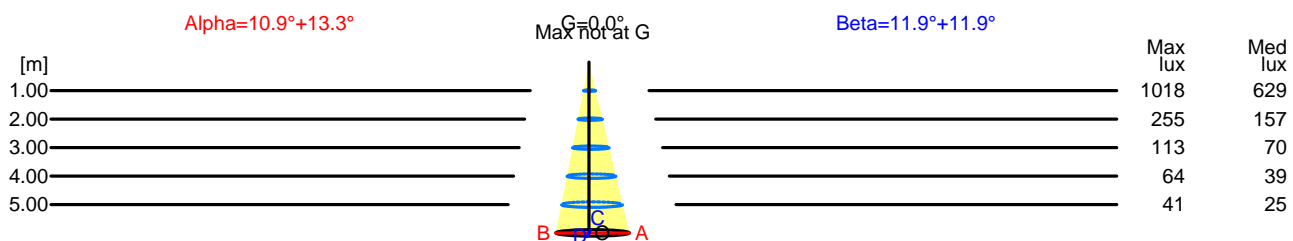
Efficiency 100.00% Coordinate system CG Total Flux 313.50 lm

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	0.24	0.47	0.71	0.95	1.19	OC	0.21	0.42	0.63	0.84	1.05
OB	0.19	0.39	0.58	0.77	0.97	OD	0.21	0.42	0.63	0.84	1.05

Luminous Intensities [cd]

	0	5	15	25	35	45	55	65	75	85
OA	1007.46	942.86	424.68	134.25	59.98	26.89	10.72	4.00	1.29	0.15
OB	1007.46	830.33	326.32	121.65	62.32	24.67	9.83	4.00	0.92	0.12
OC	1014.02	874.94	362.15	125.59	58.56	25.75	9.49	3.17	1.02	0.12
OD	1014.02	875.83	365.72	129.32	64.60	28.28	11.03	4.81	1.20	0.12



H[m]	D[m]	Max lux	Med lux	Alpha=10.9°+13.3°	G=0.0 Max not at G	
1.00	0.43	1018	629			
2.00	0.86	255	157			
3.00	1.29	113	70			
4.00	1.72	64	39			
5.00	2.15	41	25			

H[m]	D[m]	Max lux	Med lux	Beta=11.9°+11.9°	G=0.0 Max not at G	
1.00	0.42	1018	629			
2.00	0.84	255	157			
3.00	1.27	113	70			
4.00	1.69	64	39			
5.00	2.11	41	25			

Luminaire
 Code 55-9792
 Name 55-9792
 Line Eulumdat

Measur.
 Code 55-9792
 Name 55-9792
 Date 09-02-2015

Lamp
 Code LED
 Number 1
 Position

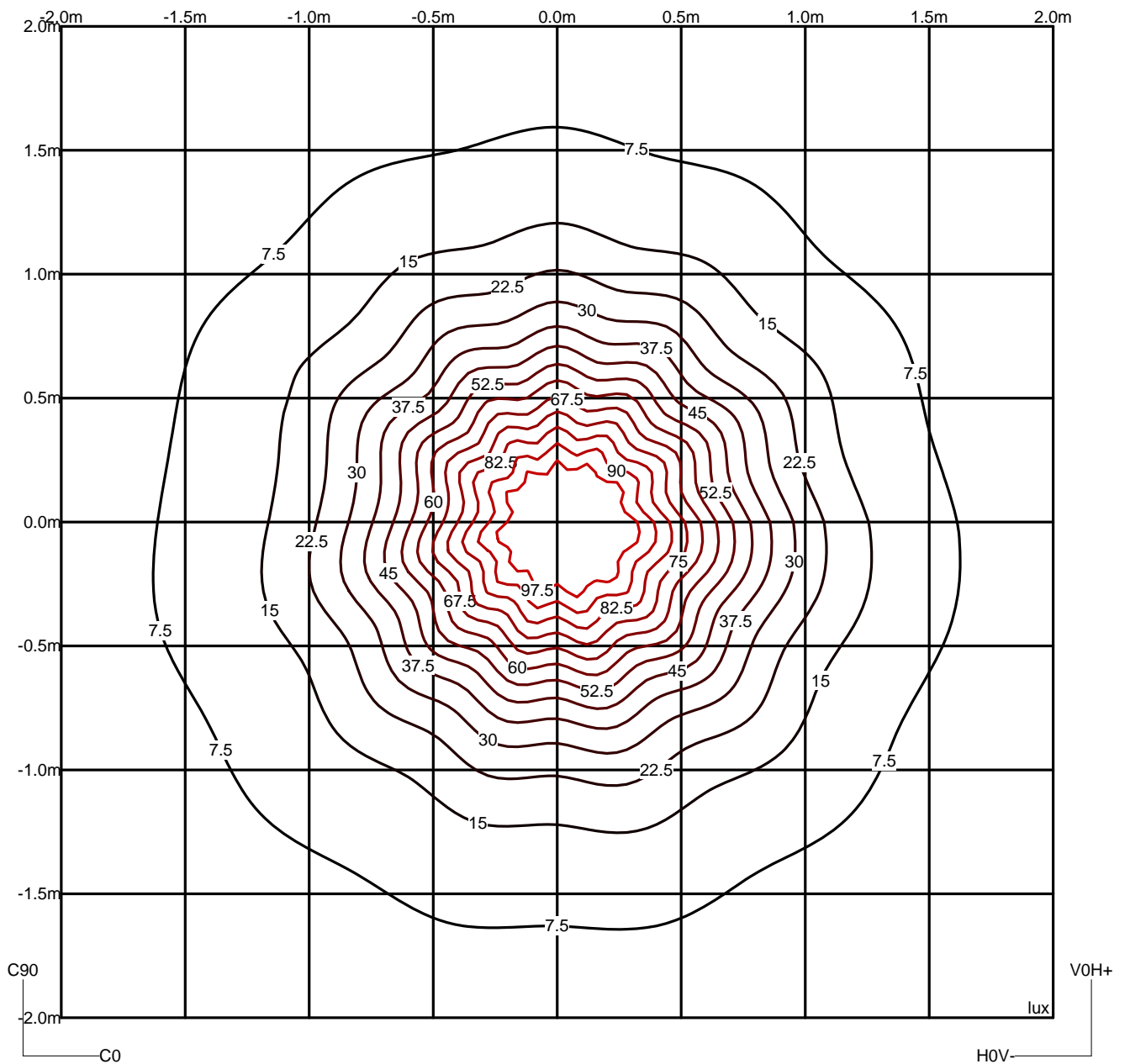
Efficiency 100.00%

Coordinate system CG

Total Flux 313.50 lm

Isolux (Floor)

Luminaire position X=0.00m Y=0.00m Z=3.00m



Luminaire
 Code 55-9792
 Name 55-9792
 Line Eulumdat

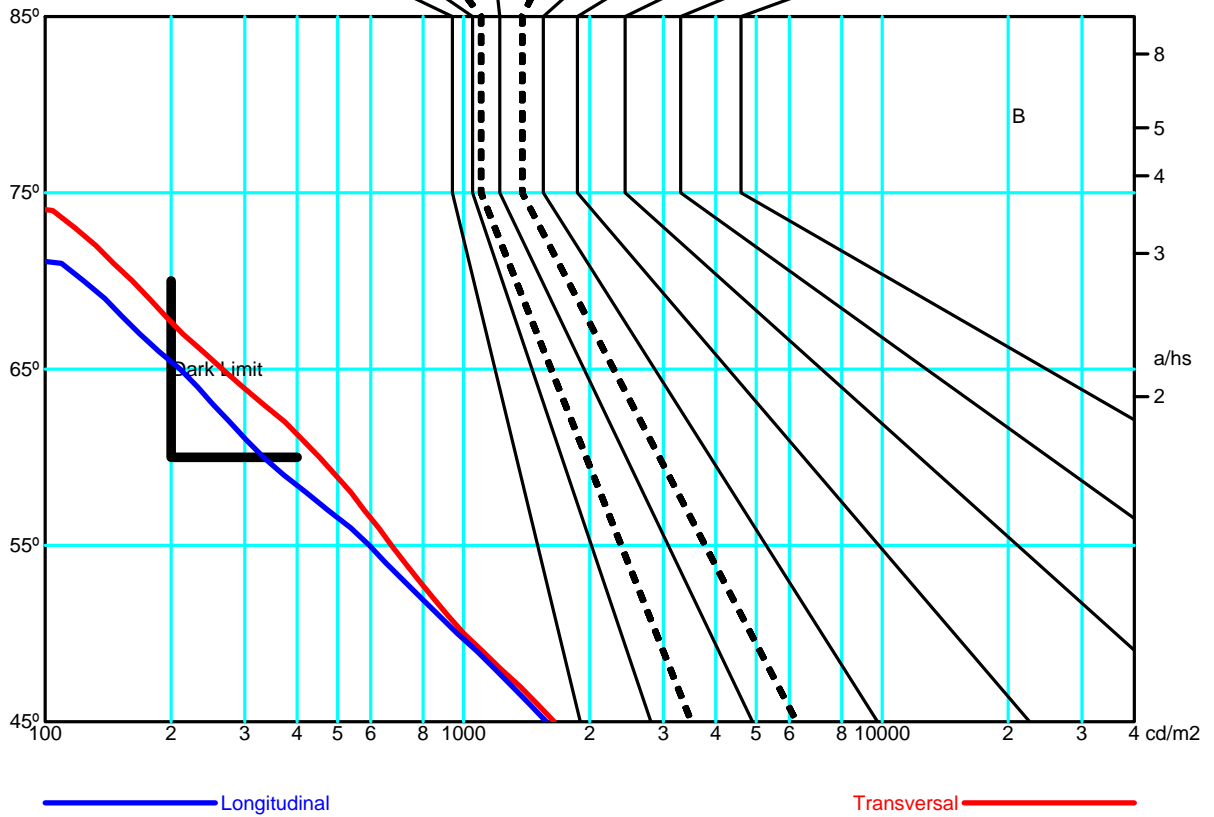
Measur.
 Code 55-9792
 Name 55-9792
 Date 09-02-2015

Lamp
 Code LED
 Number 1
 Position

Efficiency 100.00% Coordinate system CG Total Flux 313.50 lm

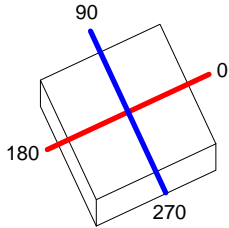
Average Luminance [cd/m ²]										
	0.0°	45°	50°	55°	60°	65°	70°	75°	80°	85°
	1646	1002	672	453	265	162	94	36	12	---
	1577	966	595	333	210	124	74	24	10	---

Flush mounted or transversal 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



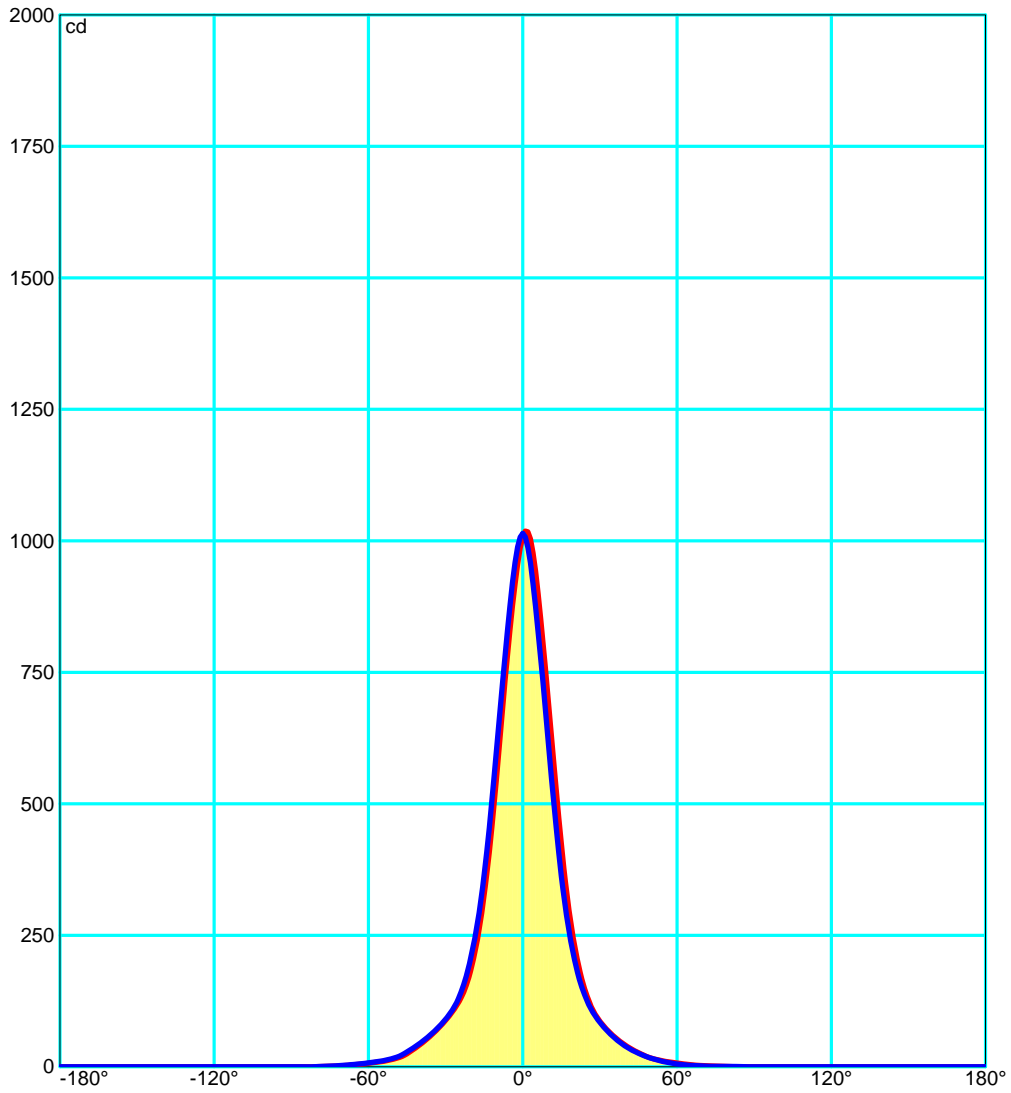
Luminaire		Measur.		Lamp	
Code	55-9792	Code	55-9792	Code	LED
Name	55-9792	Name	55-9792	Number	1
Line	Eulumdat	Date	09-02-2015	Position	
Efficiency	100.00%	Coordinate system	CG	Total Flux	313.50 lm

110mm x 110mm



C Halfplanes

180.0 ——— 0.0
 270.0 ——— 90.0



Luminaire		Measur.		Lamp	
Code	55-9792	Code	55-9792	Code	LED
Name	55-9792	Name	55-9792	Number	1
Line	Eulumdat	Date	09-02-2015	Position	
Efficiency	100.00%	Coordinate system	CG	Total Flux	313.50 lm

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	8.1	8.9	8.4	9.1	9.8	8.7	9.4	8.9	9.6	9.8
x=2H y=3H	8.1	8.8	8.4	9.0	9.9	8.7	9.4	9.0	9.6	9.9
x=2H y=4H	8.1	8.7	8.4	9.0	9.8	8.7	9.3	9.0	9.6	9.8
x=2H y=6H	8.0	8.6	8.3	8.9	9.8	8.6	9.2	9.0	9.5	9.8
x=2H y=8H	8.0	8.5	8.3	8.8	9.7	8.6	9.2	8.9	9.5	9.7
x=2H y=12H	7.9	8.5	8.3	8.8	9.7	8.6	9.1	8.9	9.4	9.7
x=4H y=2H	8.0	8.7	8.3	8.9	9.8	8.6	9.3	8.9	9.5	9.8
x=4H y=3H	8.1	8.6	8.4	8.9	9.9	8.7	9.2	9.0	9.5	9.9
x=4H y=4H	8.0	8.5	8.4	8.8	9.8	8.7	9.1	9.0	9.5	9.8
x=4H y=6H	8.0	8.4	8.4	8.7	9.8	8.6	9.0	9.0	9.4	9.8
x=4H y=8H	7.9	8.3	8.3	8.7	9.7	8.6	8.9	9.0	9.3	9.7
x=4H y=12H	7.9	8.2	8.3	8.6	9.7	8.5	8.8	9.0	9.2	9.7
x=8H y=4H	7.9	8.3	8.3	8.7	9.7	8.6	8.9	9.0	9.3	9.7
x=8H y=6H	7.9	8.1	8.3	8.5	9.6	8.5	8.8	9.0	9.2	9.6
x=8H y=8H	7.8	8.0	8.3	8.5	9.6	8.5	8.7	8.9	9.1	9.6
x=8H y=12H	7.8	8.0	8.3	8.4	9.6	8.4	8.6	8.9	9.1	9.6
x=12H y=4H	7.9	8.2	8.3	8.6	9.7	8.5	8.8	9.0	9.2	9.7
x=12H y=6H	7.8	8.0	8.3	8.5	9.6	8.5	8.7	8.9	9.1	9.6
x=12H y=8H	7.8	8.0	8.3	8.4	9.6	8.4	8.6	8.9	9.1	9.6

Luminaire		Measur.		Lamp	
Code	55-9792	Code	55-9792	Code	LED
Name	55-9792	Name	55-9792	Number	1
Line	Eulumdat	Date	09-02-2015	Position	
Efficiency	100.00%	Coordinate system	CG	Total Flux	313.50 lm

Total Flux=313.50 Luminaire Flux=313.49

RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.65	0.71	0.76	0.81	0.84	0.89	0.92	0.95	0.97	0.98	1.00	1.01
RC	-	-	-	-	-	-	-	-	-	-	-	-

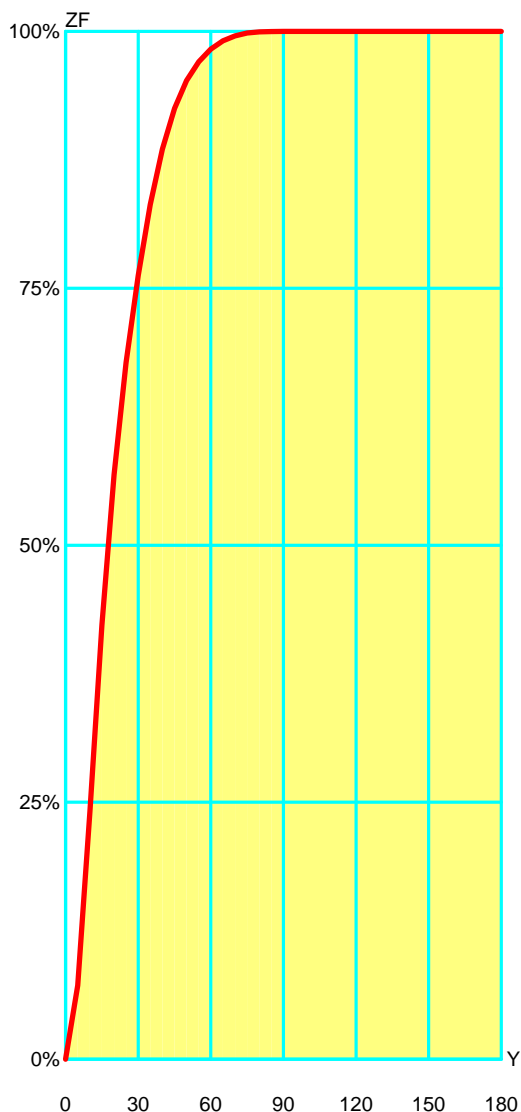
Zonal Flux per 1000 Lumen

Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	241	569	762	885	952	983	996	999	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

CIE Flux Codes

90 98 100 100 100

C.I.E.	-/-/-/-/-/-/-/-/-/-	LOR	99.99548 %
D DIN 5040	A60	ULOR	0.00000 %
F UTE	1.00 A	DLOR	99.99548 %
B NBN	BZ 1	UFF	0.00000 %
RN	0.00000 %	DFF	100.00000 %
BLF	1.0	FFR	0.00000 %



Zonal Flux				
Gamma °	Flux	Sum lm	Flux [%]	Sum [%]
0°	0.00	0.00	0.00%	0.00 %
5°	71.86	71.86	7.19 %	7.19 %
10°	168.77	240.63	16.88 %	24.06 %
15°	181.72	422.35	18.17 %	42.24 %
20°	146.32	568.68	14.63 %	56.87 %
25°	109.09	677.76	10.91 %	67.78 %
30°	84.71	762.47	8.47 %	76.25 %
35°	68.96	831.43	6.90 %	83.15 %
40°	54.00	885.44	5.40 %	88.55 %
45°	39.66	925.09	3.97 %	92.51 %
50°	27.09	952.18	2.71 %	95.22 %
55°	18.17	970.35	1.82 %	97.04 %
60°	12.28	982.64	1.23 %	98.27 %
65°	8.06	990.70	0.81 %	99.07 %
70°	4.93	995.63	0.49 %	99.57 %
75°	2.73	998.35	0.27 %	99.84 %
80°	1.13	999.48	0.11 %	99.95 %
85°	0.36	999.84	0.04 %	99.99 %
90°	0.11	999.95	0.01 %	100.00 %
95°	0.00	999.95	0.00 %	100.00 %
100°	0.00	999.95	0.00 %	100.00 %
105°	0.00	999.95	0.00 %	100.00 %
110°	0.00	999.95	0.00 %	100.00 %
115°	0.00	999.95	0.00 %	100.00 %
120°	0.00	999.95	0.00 %	100.00 %
125°	0.00	999.95	0.00 %	100.00 %
130°	0.00	999.95	0.00 %	100.00 %
135°	0.00	999.95	0.00 %	100.00 %
140°	0.00	999.95	0.00 %	100.00 %
145°	0.00	999.95	0.00 %	100.00 %
150°	0.00	999.95	0.00 %	100.00 %
155°	0.00	999.95	0.00 %	100.00 %
160°	0.00	999.95	0.00 %	100.00 %
165°	0.00	999.95	0.00 %	100.00 %
170°	0.00	999.95	0.00 %	100.00 %
175°	0.00	999.95	0.00 %	100.00 %
180°	0.00	999.95	0.00 %	100.00 %