

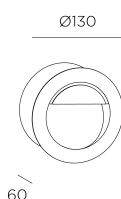
Micenas Path Round Recessed wall lighting

Designer: Leds C4 Team

**Description**

Recessed wall lighting IP65 Micenas Path Round LED 1.5W 4000K Grey 49lm

	Finish	Material
Structure	Grey	Aluminium
Diffuser	Transparent	Polycarbonate

**TECHNICAL CHARACTERISTICS****Light source**

Light source: LED
 Light source power (W): 1.5W
 Luminaire total power (W): 1.5W
 Color temperature: LED neutral-white
 4000K
 CRI: 70
 Photobiological risk: RG0
 Real Lumen: 49
 Qty Leds: 14
 Lm/Real W: 33
 Life Time: 50.000h L80B20
 Bin / Grup: NK1 o NK2
 MacAdam steps: 3
 UGR: 27.2

GEAR

Gear included: Yes, electronic
 Voltage / Frequency:
 220-240V/50-60Hz
 Dimming protocol: ON-OFF

Luminaire

Double cable exit: Yes
 Drainage: No
 Uv Protection: Yes
 Warranty: 5 Years
 Ta max: 50°C

Logistics

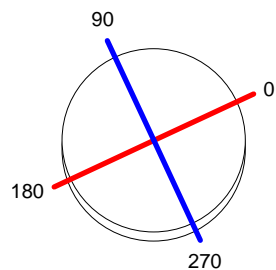
Energy Efficiency: LED A++
 EAN Code: 8435381411534
 Net Weight (Kg): 0.3
 Weight in Kg (packaged): 0.38
 Packing: 135 x 135 x 75
 Masterbox: 40

The photograph may not match the reference exactly. Please read the product description to identify the finish.

Luminaire		Measur.		Lamp	
Code	05-9771	Code	05-9771	Code	G02801
Name	RECESSED	Name	RECESSED	Number	1
Line	Eulumdat	Date	13-07-2013	Position	
Efficiency	100.00%	Coordinate system	CG	Total Flux	49.34 lm
Maximum value	46.00 cd	Position	C=0.00 G=75.00	Asymmetrical	
Round Luminaire	Diam.	130 mm	Height	60 mm	
Round Luminous Area	Diam.	130 mm	Height	60 mm	
Horizontal Luminous Area	0.013273 m2	Emitting area on Plane 180°	0.007800 m2		
Emitting area on Plane 0°	0.007800 m2	Emitting area on Plane 270°	0.007800 m2		
Emitting area on Plane 90°	0.007800 m2	Glare area at 76°	0.010779 m2		
Symmetry Type	Asymmetrical	Maximum Gamma Angle	90		
Measurement Distance	0.00	Measurement Flux	49.34 lm		
Operator		Source voltage			
Temperature	25.00 °C	Source current			
Humidity	60.00 %	Photocell			
Notes					

Line		Code		Luminaire Lamps		Flux [lm]	Pow. [W]	Q.ty
Eulumdat		G02801		Name		49.34	1.10	1
C.I.E.	15 39 76 100 100			D DIN 5040	A10			
F UTE	--			B NBN	BZ 10 / 2 / BZ 9			

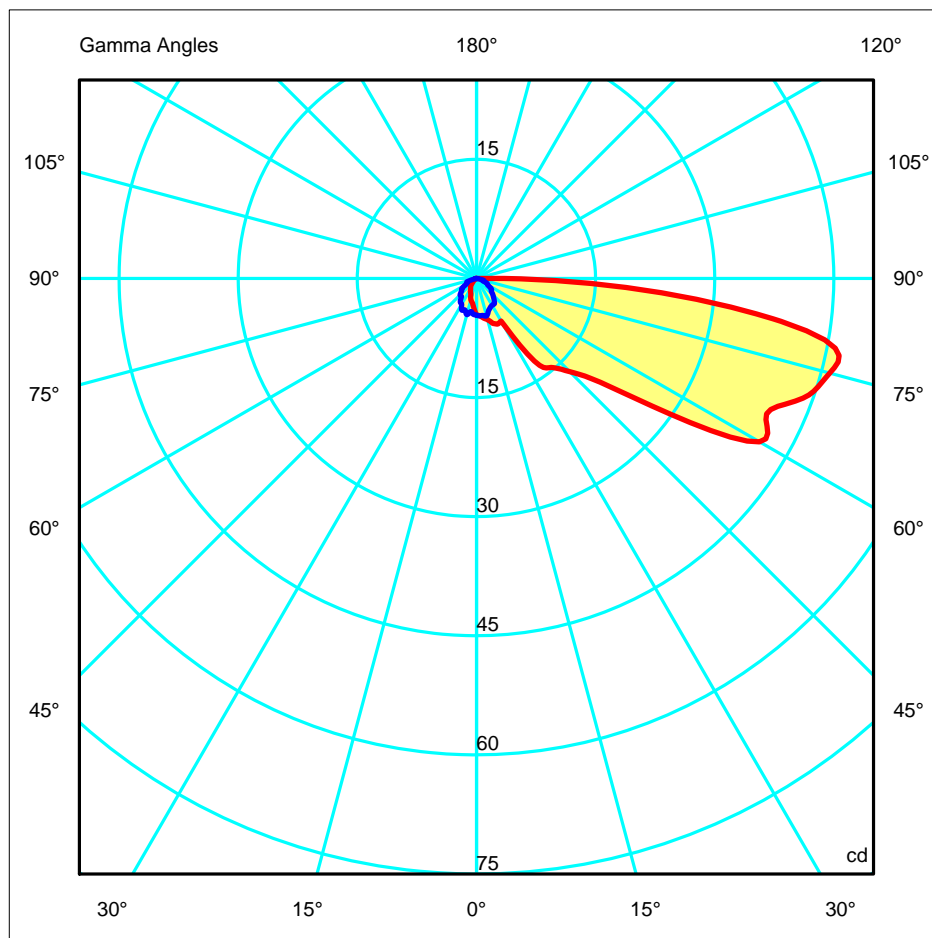
Diam=130mm



C Halfplanes

180.0 — 0.0
270.0 — 90.0

ULOR 0.00 %
DLOR 100.00 %
RN 0.00 %



Luminaire
 Code 05-9771
 Name RECESSED
 Line Eulumdat

Measur.
 Code 05-9771
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 Date 13-07-2013

Lamp
 Code G02801
 Number 1
 Position

Efficiency 100.00%

Coordinate system CG

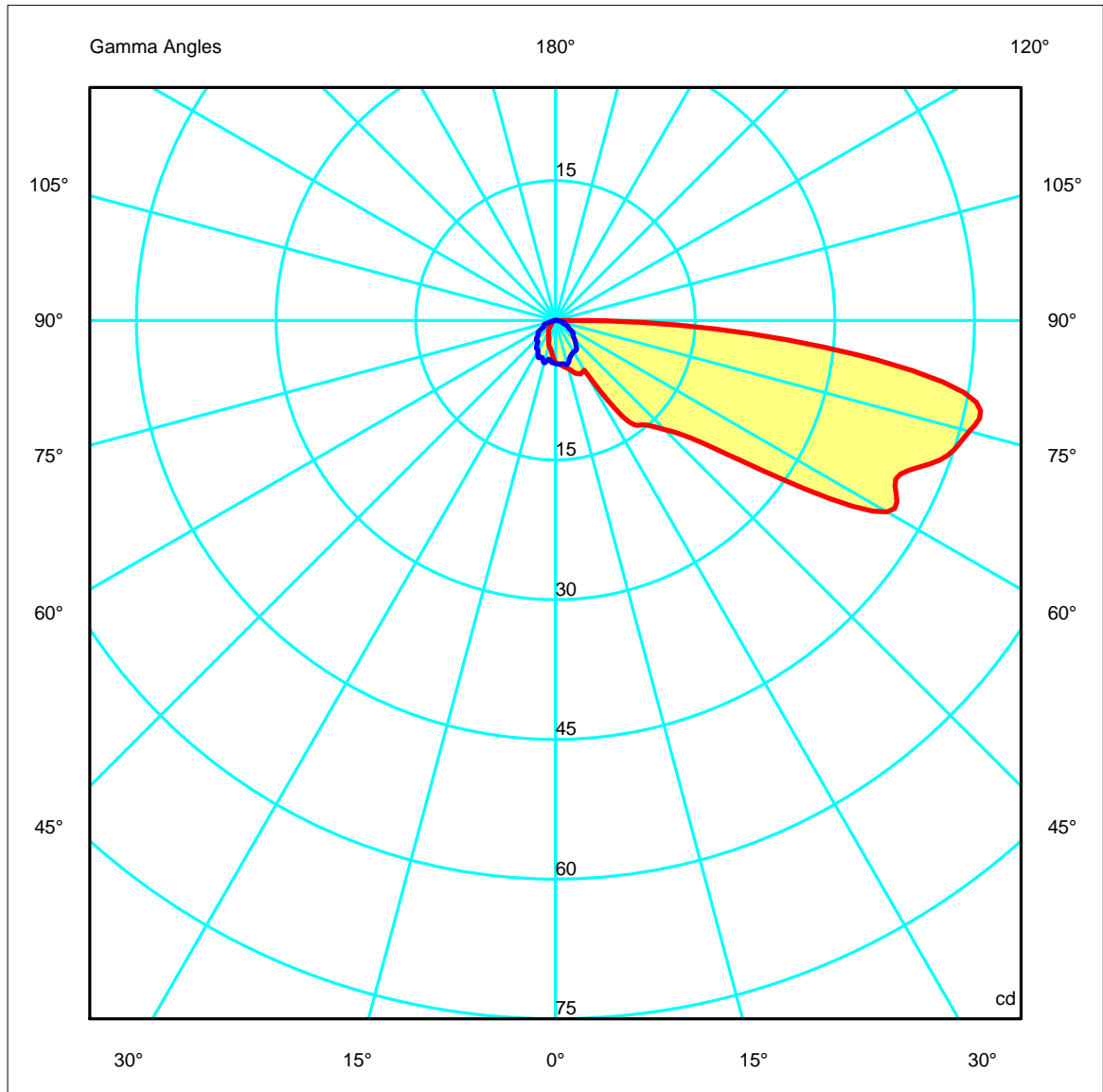
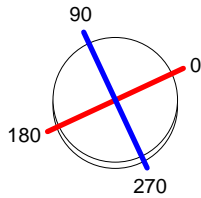
Total Flux 49.34 lm

Diam=130mm

C Halfplanes

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Line Eulumdat	Date 13-07-2013	Position

Efficiency	100.00%	Coordinate system	CG	Total Flux	49.34 lm
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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	8.51	17.01	25.52	34.03	42.54	OC	3.12	6.24	9.37	12.49	15.61
OB	3.05	6.10	9.15	12.20	15.25	OD	3.10	6.21	9.31	12.42	15.52

	Luminous Intensities [cd]									
	0	5	15	25	35	45	55	65	75	85
OA	4.62	4.71	5.36	6.34	12.68	16.58	29.75	40.31	46.00	25.85
OB	4.62	3.74	2.76	1.79	1.30	0.65	0.49	0.33	0.00	0.00
OC	4.62	4.71	4.88	4.06	3.90	2.93	2.28	1.46	0.98	0.16
OD	4.62	4.55	4.71	4.39	3.58	2.93	2.28	1.30	0.49	0.16



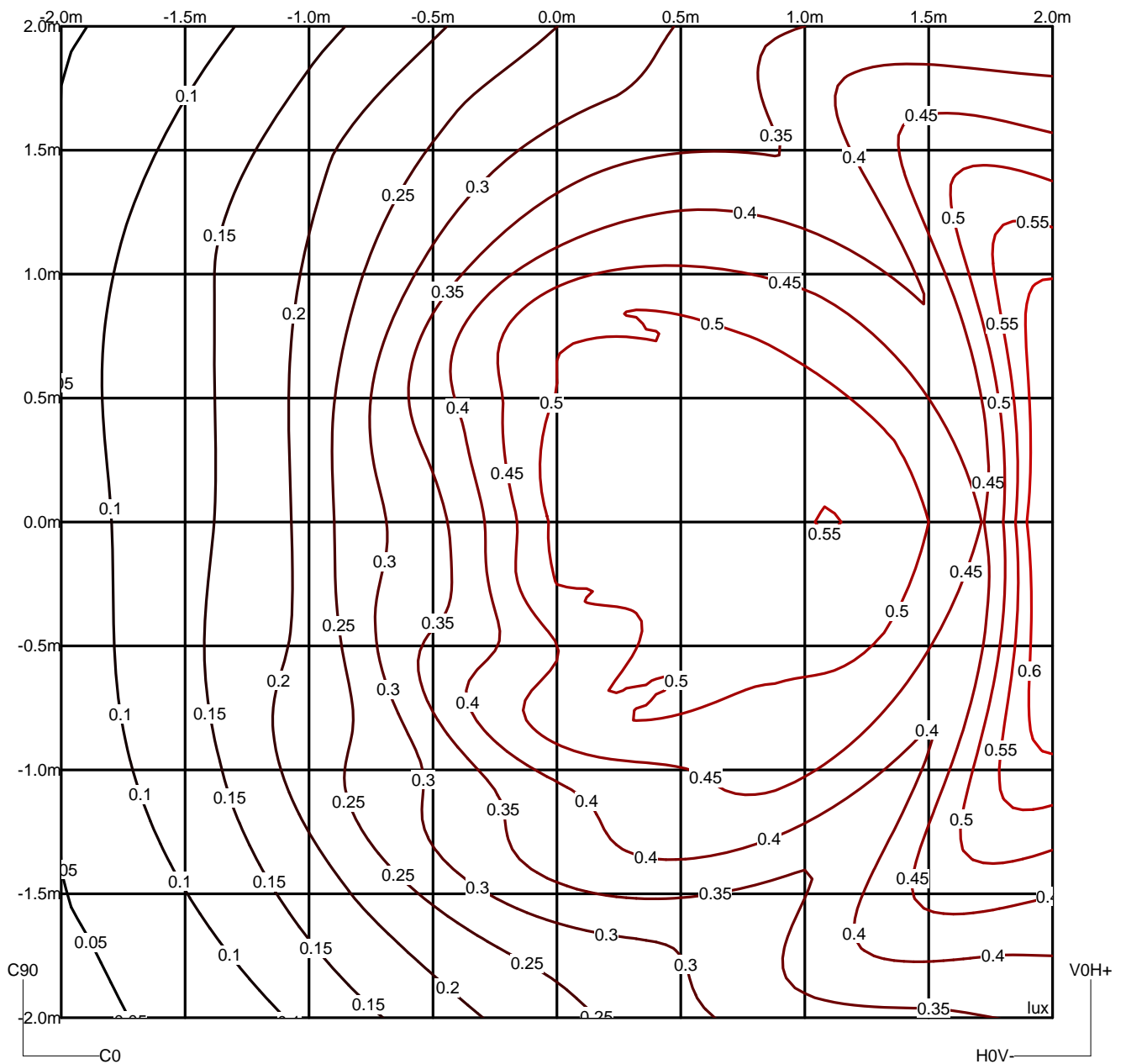
H[m]	D[m]	Max lux	Med lux	Alpha=24.9°+8.5°	G=77.0
1.00	11.56	6	0		
2.00	23.11	1	0		
3.00	34.67	1	0		
4.00	46.23	0	0		
5.00	57.78	0	0		

H[m]	D[m]	Max lux	Med lux	Beta=34.9°+35.1°	G=0.0
1.00	6.23	6	0		
2.00	12.45	1	0		
3.00	18.68	1	0		
4.00	24.91	0	0		
5.00	31.13	0	0		

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Isolux (Floor)

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



Luminaire

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Measur.

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 Number 1
 Position

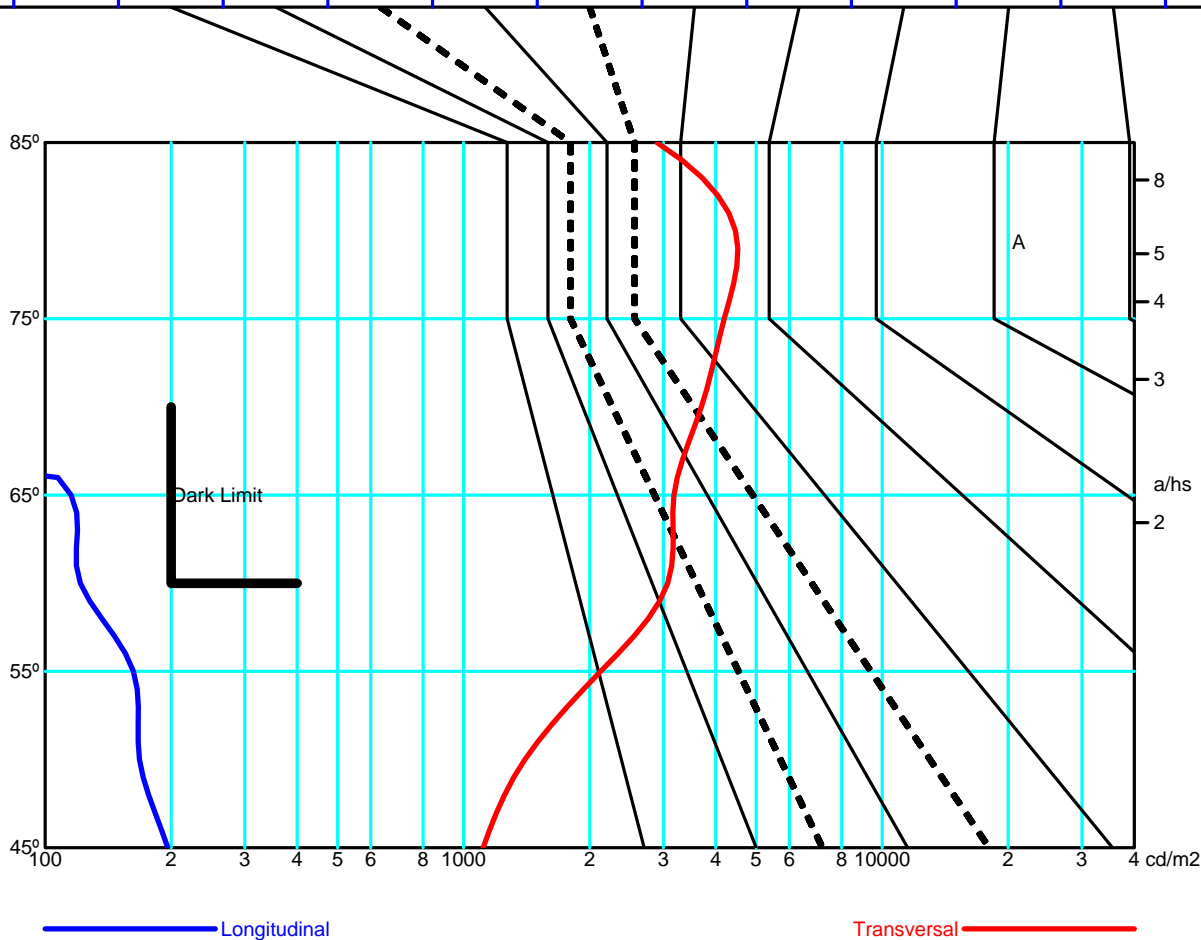
Efficiency 100.00%

Coordinate system CG

Total Flux 49.34 lm

		Average Luminance [cd/m ²]										
		0.0°	45°	50°	55°	60°	65°	70°	75°	80°	85°	
90.0°		196	168	163	121	115	68	89	33	18	---	

Flush mounted or longitudinal 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



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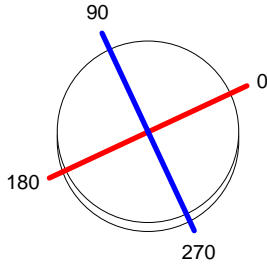
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Efficiency 100.00%

Coordinate system CG

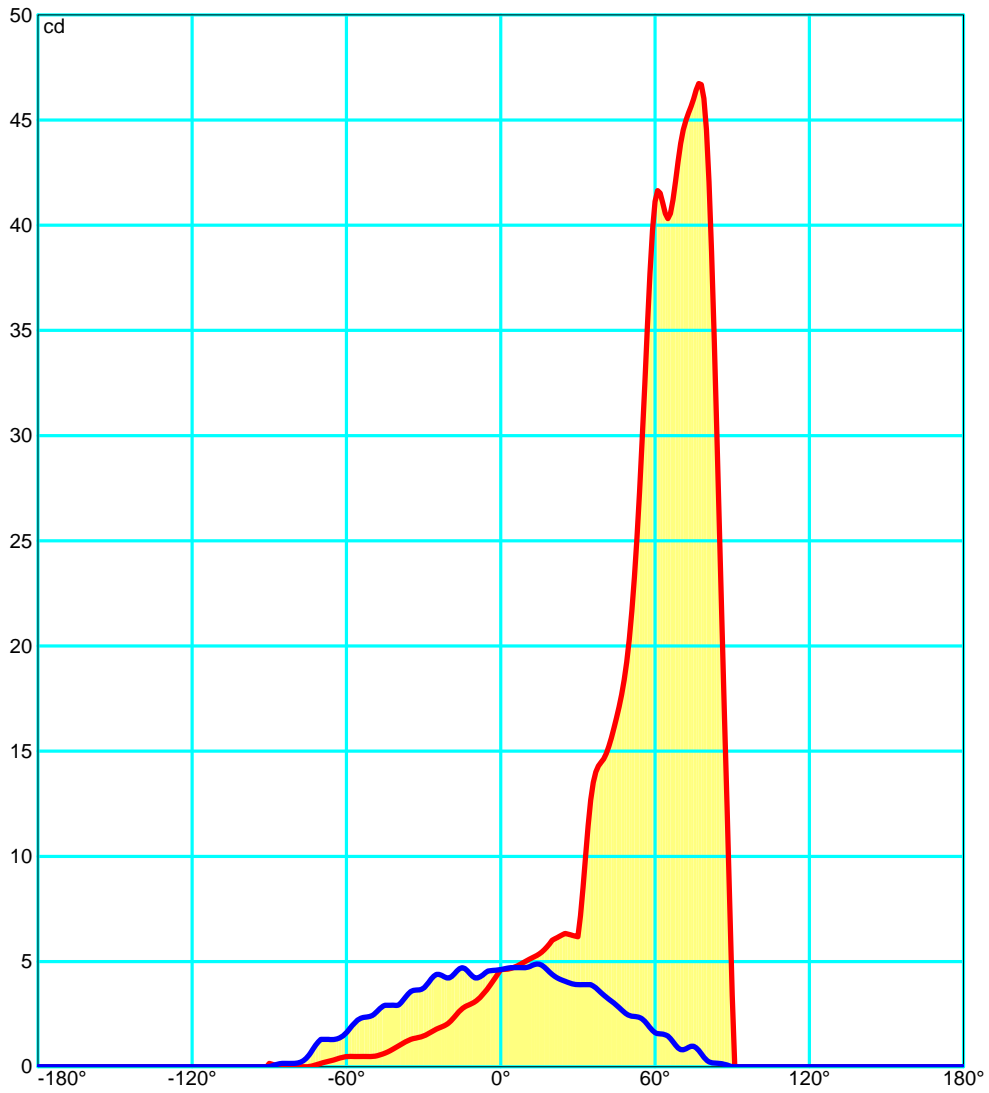
Total Flux 49.34 lm

Diam=130mm



C Halfplanes

180.0 ———— 0.0
 270.0 ———— 90.0



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Line	Eulumdat	Date	13-07-2013	Position	
Efficiency	100.00%	Coordinate system	CG	Total Flux	49.34 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	< 0	< 0	< 0	< 0	9.0	6.6	8.5	6.9	8.8	9.0
x=2H y=3H	< 0	< 0	< 0	< 0	10.5	8.1	9.9	8.5	10.2	10.5
x=2H y=4H	< 0	< 0	< 0	< 0	11.0	8.6	10.3	9.0	10.6	11.0
x=2H y=6H	< 0	< 0	< 0	< 0	11.1	8.8	10.4	9.2	10.8	11.1
x=2H y=8H	< 0	< 0	< 0	< 0	11.1	8.9	10.4	9.3	10.8	11.1
x=2H y=12H	< 0	< 0	< 0	< 0	11.1	8.8	10.4	9.3	10.7	11.1
x=4H y=2H	< 0	< 0	< 0	< 0	13.7	11.4	13.1	11.8	13.4	13.7
x=4H y=3H	< 0	< 0	< 0	< 0	15.3	13.1	14.6	13.5	15.0	15.3
x=4H y=4H	< 0	< 0	< 0	< 0	15.9	13.7	15.1	14.1	15.5	15.9
x=4H y=6H	< 0	< 0	< 0	< 0	16.2	14.1	15.4	14.6	15.8	16.2
x=4H y=8H	< 0	< 0	< 0	< 0	16.2	14.2	15.4	14.7	15.8	16.2
x=4H y=12H	< 0	< 0	< 0	< 0	16.2	14.2	15.3	14.7	15.7	16.2
x=8H y=4H	< 0	< 0	< 0	< 0	18.9	16.9	18.1	17.4	18.5	18.9
x=8H y=6H	< 0	< 0	< 0	< 0	19.6	17.7	18.7	18.1	19.1	19.6
x=8H y=8H	< 0	< 0	< 0	< 0	19.7	17.9	18.8	18.4	19.2	19.7
x=8H y=12H	< 0	< 0	< 0	< 0	19.7	18.0	18.7	18.5	19.2	19.7
x=12H y=4H	< 0	< 0	< 0	< 0	19.7	17.8	18.8	18.2	19.3	19.7
x=12H y=6H	< 0	< 0	< 0	< 0	20.6	18.7	19.6	19.2	20.1	20.6
x=12H y=8H	< 0	< 0	< 0	< 0	20.8	19.0	19.8	19.6	20.3	20.8

Luminaire

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Coordinate system CG

Total Flux 49.34 lm

Total Flux= 49.34 Luminaire Flux= 49.34

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	0.10	0.14	0.19	0.25	0.31	0.40	0.47	0.53	0.62	0.68	0.82	0.90
RC	10	10	10	10	10	10	10	10	9	9	8	8

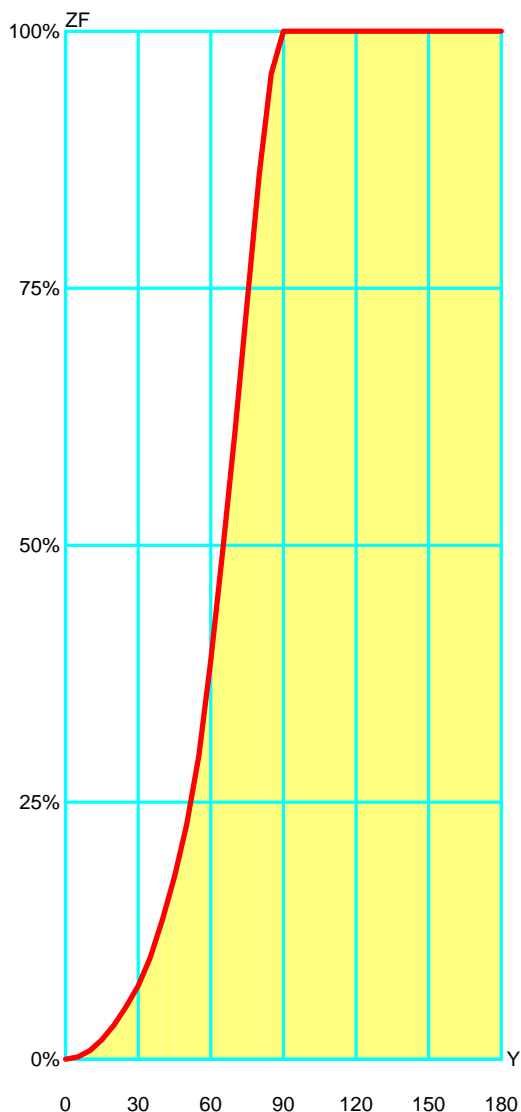
Zonal Flux per 1000 Lumen

Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	8	33	71	136	228	388	611	861	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

CIE Flux Codes

15 39 76 100 100

C.I.E.	10/10/10/10/10/10/10/9/9/8/8	LOR	100.00315 %
D DIN 5040	A10	ULOR	0.00000 %
F UTE	--	DLOR	100.00315 %
B NBN	BZ 10 / 2 / BZ 9	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°	2.19	2.19	0.22%	0.22%
10°	6.31	8.50	0.63%	0.85%
15°	10.46	18.95	1.05%	1.90%
20°	14.39	33.34	1.44%	3.33%
25°	17.71	51.05	1.77%	5.11%
30°	20.43	71.48	2.04%	7.15%
35°	27.41	98.90	2.74%	9.89%
40°	36.69	135.59	3.67%	13.56%
45°	42.24	177.83	4.22%	17.78%
50°	49.93	227.76	4.99%	22.78%
55°	66.62	294.39	6.66%	29.44%
60°	93.29	387.68	9.33%	38.77%
65°	108.73	496.40	10.87%	49.64%
70°	114.92	611.32	11.49%	61.13%
75°	124.01	735.33	12.40%	73.53%
80°	125.40	860.73	12.54%	86.07%
85°	98.03	958.76	9.80%	95.87%
90°	41.27	1000.03	4.13%	100.00%
95°	0.00	1000.03	0.00%	100.00%
100°	0.00	1000.03	0.00%	100.00%
105°	0.00	1000.03	0.00%	100.00%
110°	0.00	1000.03	0.00%	100.00%
115°	0.00	1000.03	0.00%	100.00%
120°	0.00	1000.03	0.00%	100.00%
125°	0.00	1000.03	0.00%	100.00%
130°	0.00	1000.03	0.00%	100.00%
135°	0.00	1000.03	0.00%	100.00%
140°	0.00	1000.03	0.00%	100.00%
145°	0.00	1000.03	0.00%	100.00%
150°	0.00	1000.03	0.00%	100.00%
155°	0.00	1000.03	0.00%	100.00%
160°	0.00	1000.03	0.00%	100.00%
165°	0.00	1000.03	0.00%	100.00%
170°	0.00	1000.03	0.00%	100.00%
175°	0.00	1000.03	0.00%	100.00%
180°	0.00	1000.03	0.00%	100.00%

