

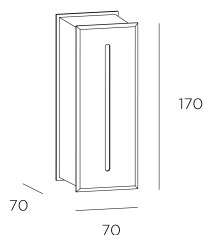
MICENAS Line

05-9596-34-37

Recessed wall lighting IP54 MICENAS Line LED 2.2W 4000K Grey 9lm

TECHNICAL FEATURES

IP54 IK10



Power (W) : 2.2W

Total power consumption of light (W) : 3.4W

Real lumens : 9

Real lm/W : 3

Colour temperature : LED neutral-white 4000K

Structure material : Aluminium

Structure finish : Grey

Diffuser material : Glass

Diffuser finish : Transparent

Useful life : 50.000h L70B30

Equipment included : Yes, electronic

Voltage / frequency : 100-240V/50-60Hz

Warranty : 2 Years

Max. temperature : 25°C

Energy efficiency : LED A++

LUMINOTECHNIC FEATURES

Light source: LED CREE

CRI: 80

MacAdam steps: 3

Photobiological risk: RG2

LOGISTICS

Net weight (kg): 0.42

Packaged weight (kg): 0.5

Packaging: 175mm x 70mm x 80mm

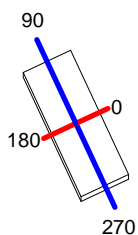


12 Un

Luminaire		Measur.		Lamp		
Code	05-9596	Code	05-9596	Code	05-9596	
Name	Aplique indirecta led	Name	Aplique indirecta led	Number	1	
Line	Eulumdat	Date	14-11-2011	Position		
Efficiency	100.00%	Coordinate system	CG	Total Flux	9.46 lm	
Maximum value	36.83 cd	Position	C=270.00 G=50.00	Sym. on planes	270-90	
Rectangular Luminaire	Length	170 mm	Width	65 mm	Height	6 mm
Rectangular Luminous Area	Length	120 mm	Width	5 mm	Height	0 mm
Horizontal Luminous Area	0.000600 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°	0.000145 m2			
Symmetry Type	Sym. on planes 270-90	Maximum Gamma Angle	90			
Measurement Distance	0.00	Measurement Flux	9.46 lm			
Operator	Asselum T2	Source voltage				
Temperature	25.00 °C	Source current				
Humidity	60.00 %	Photocell				
Notes						

Line		Code		Luminaire Lamps		Flux [lm]	Pow. [W]	Q.ty
Eulumdat		05-9596		Name		9.46	3.00	1
C.I.E.	49 78 96 100 100			05-9596 - 3.00 W				
F UTE	1.00 E			D DIN 5040	A30			
				B NBN	BZ 4			

170mm x 65mm



C Halfplanes

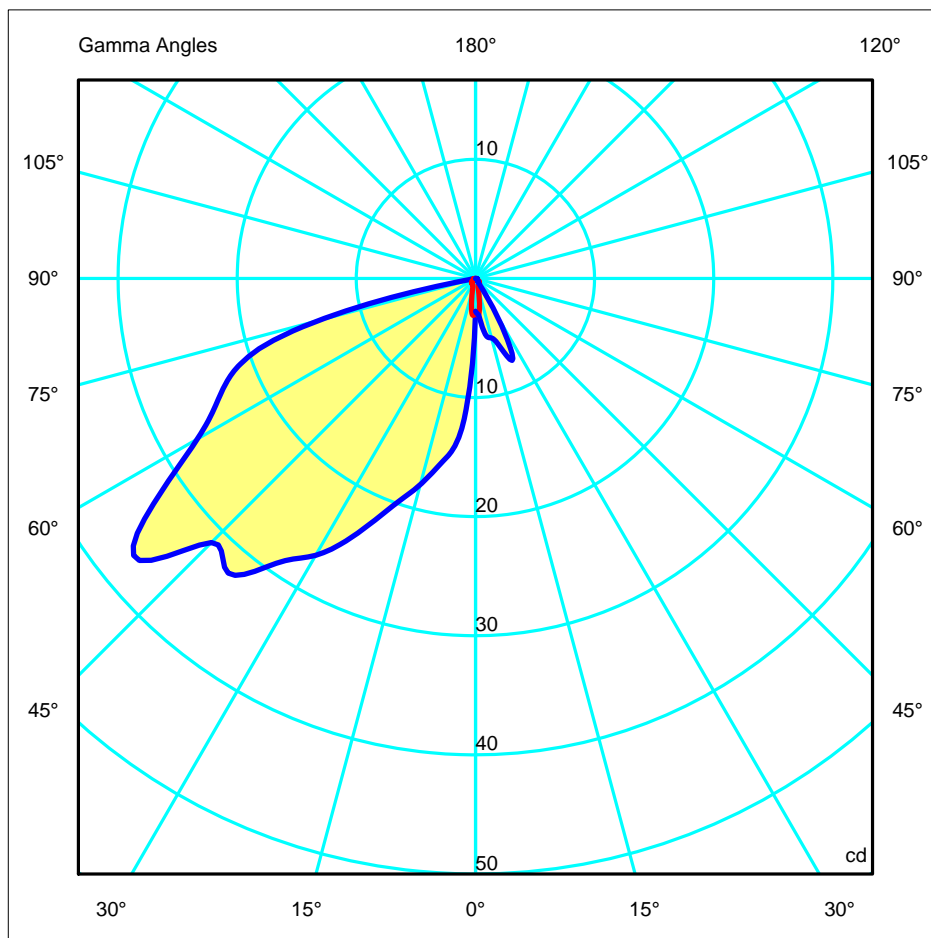
270.0 ——— 0.0

180.0 ——— 90.0

ULOR 0.00 %

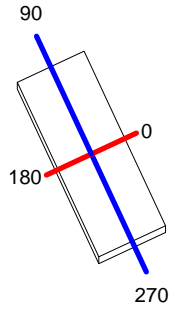
DLOR 100.00 %

RN 0.00 %

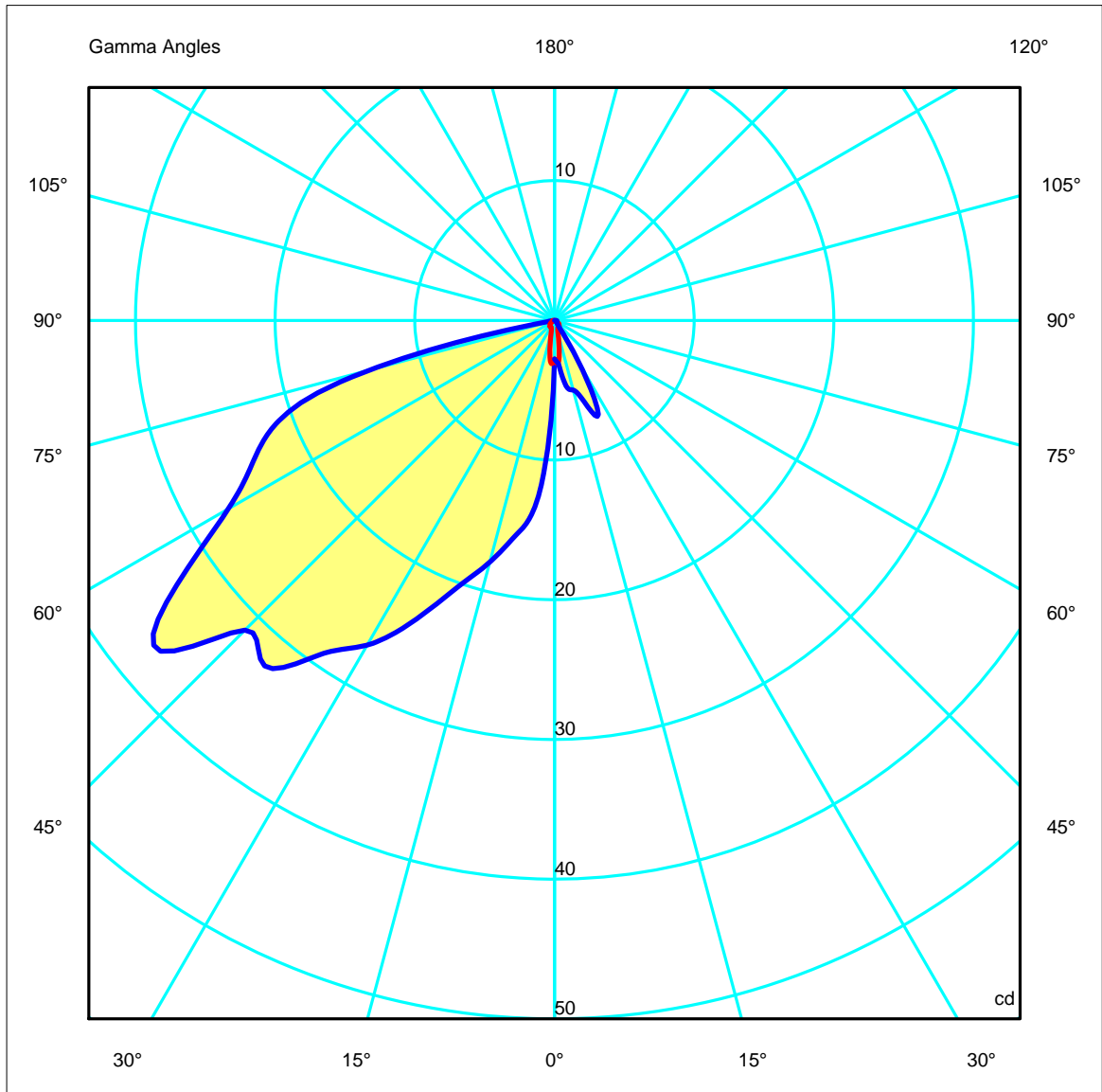
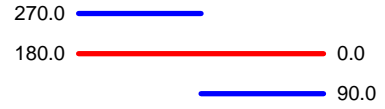


Luminaire		Measur.		Lamp	
Code	05-9596	Code	05-9596	Code	05-9596
Name	Aplique indirecta led	Name	Aplique indirecta led	Number	1
Line	Eulumdat	Date	14-11-2011	Position	
Efficiency	100.00%	Coordinate system	CG	Total Flux	9.46 lm

170mm x 65mm



C Halfplanes



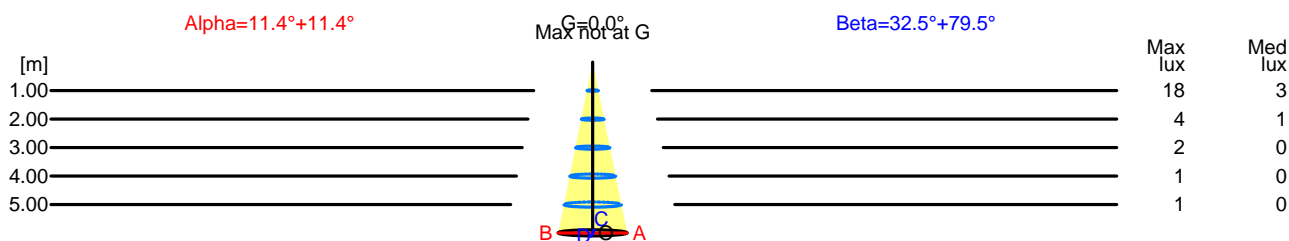
Luminaire		Measur.		Lamp	
Code	05-9596	Code	05-9596	Code	05-9596
Name	Aplique indirecta led	Name	Aplique indirecta led	Number	1
Line	Eulumdat	Date	14-11-2011	Position	
Efficiency	100.00%	Coordinate system	CG	Total Flux	9.46 lm

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	0.20	0.40	0.61	0.81	1.01	OC	0.64	1.27	1.91	2.55	3.18
OB	0.20	0.40	0.61	0.81	1.01	OD	5.38	10.75	16.13	21.51	26.89

Luminous Intensities [cd]

	0	5	15	25	35	45	55	65	75	85
OA	2.77	3.04	0.95	0.57	0.52	0.45	0.31	0.18	0.14	0.13
OB	2.77	3.04	0.95	0.57	0.52	0.45	0.31	0.18	0.14	0.13
OC	2.77	3.09	5.17	7.42	0.38	0.24	0.20	0.17	0.14	0.10
OD	2.77	12.32	17.91	23.68	29.19	31.35	33.00	23.78	13.71	0.15



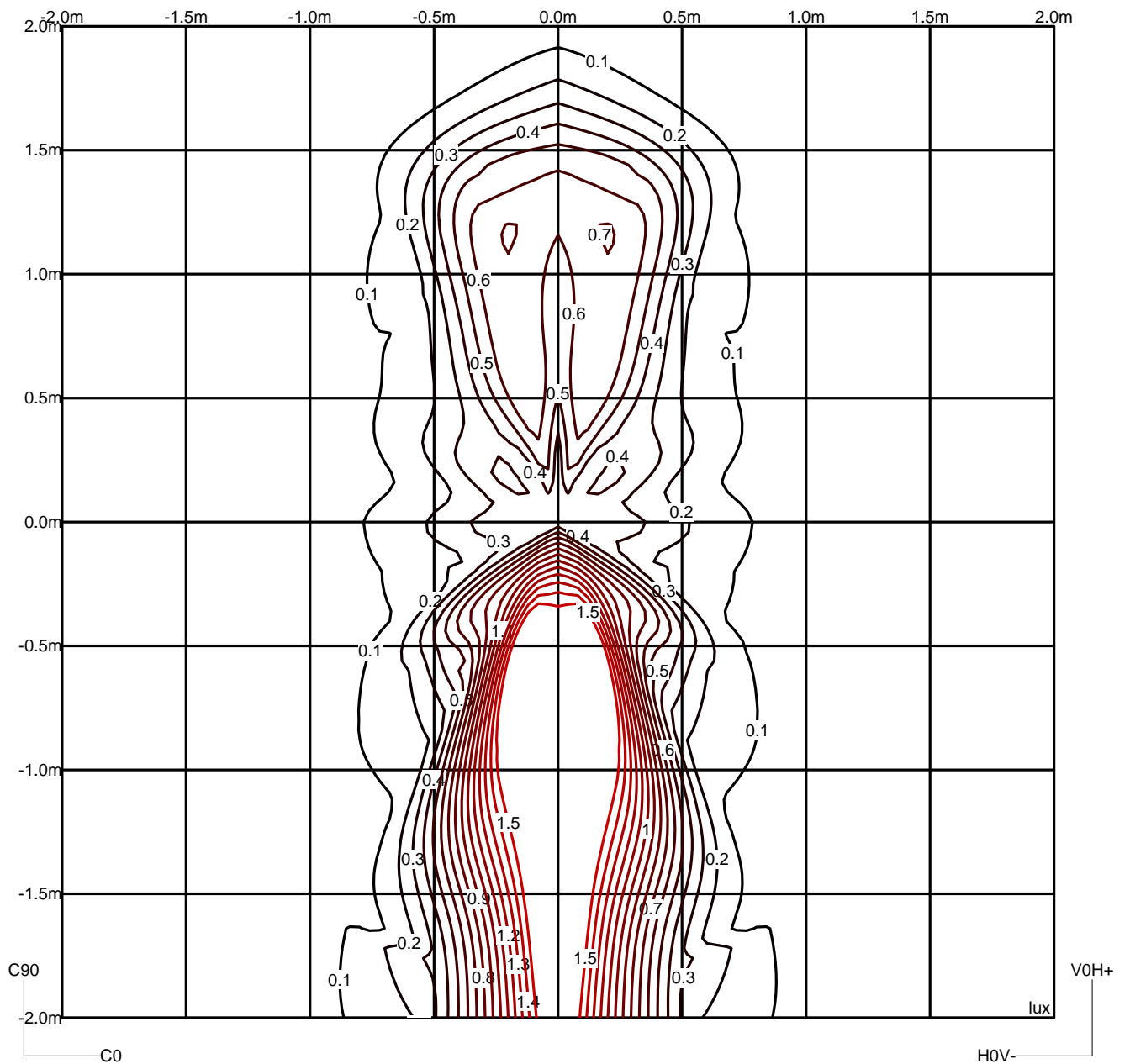
H[m]	D[m]	Max lux	Med lux	Alpha=11.4°+11.4°	G=0.0 Max not at G	
1.00	0.40	18	3			
2.00	0.81	4	1			
3.00	1.21	2	0			
4.00	1.62	1	0			
5.00	2.02	1	0			

H[m]	D[m]	Max lux	Med lux	Beta=79.5°+32.5°	G=0.0 Max not at G	
1.00	6.01	18	3			
2.00	12.03	4	1			
3.00	18.04	2	0			
4.00	24.06	1	0			
5.00	30.07	1	0			

Luminaire		Measuram.		Lamp	
Code	05-9596	Code	05-9596	Code	05-9596
Name	Aplique indirecta led	Name	Aplique indirecta led	Number	1
Line	Eulumdat	Date	14-11-2011	Position	
Efficiency	100.00%	Coordinate system	CG	Total Flux	9.46 lm

Isolux (Floor)

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



Luminaire

Code 05-9596
 Name Applique indirecta led
 Line Eulumdat

Measur.

Code 05-9596
 Name Applique indirecta led
 Date 14-11-2011

Lamp

Code 05-9596
 Number 1
 Position

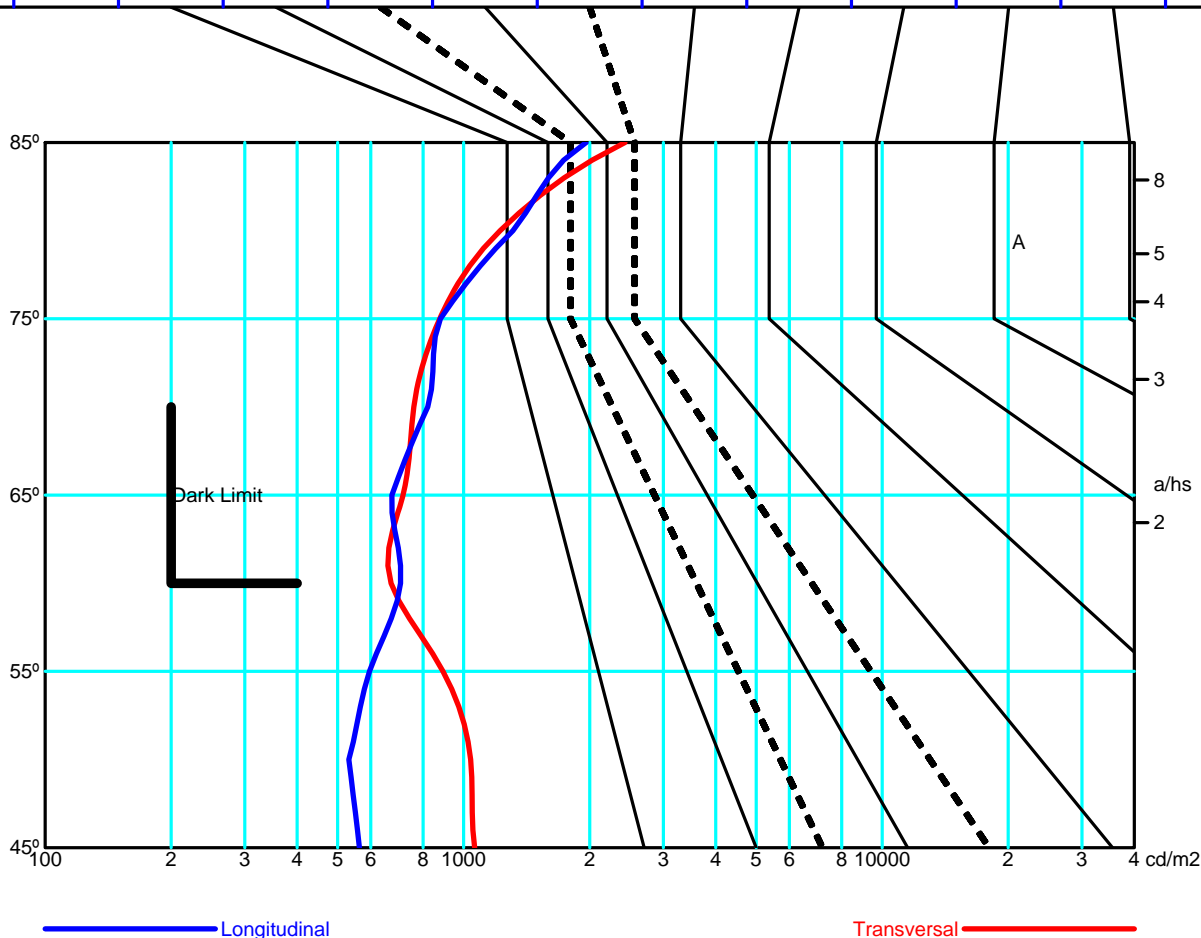
Efficiency 100.00%

Coordinate system CG

Total Flux 9.46 lm

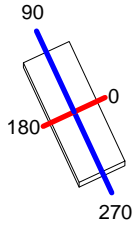
		Average Luminance [cd/m ²]										
		0.0°	45°	50°	55°	60°	65°	70°	75°	80°	85°	
0.0°		1062	1039	893	671	716	760	877	1222	2429	---	
90.0°		564	532	596	707	674	821	880	1312	1960	---	

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

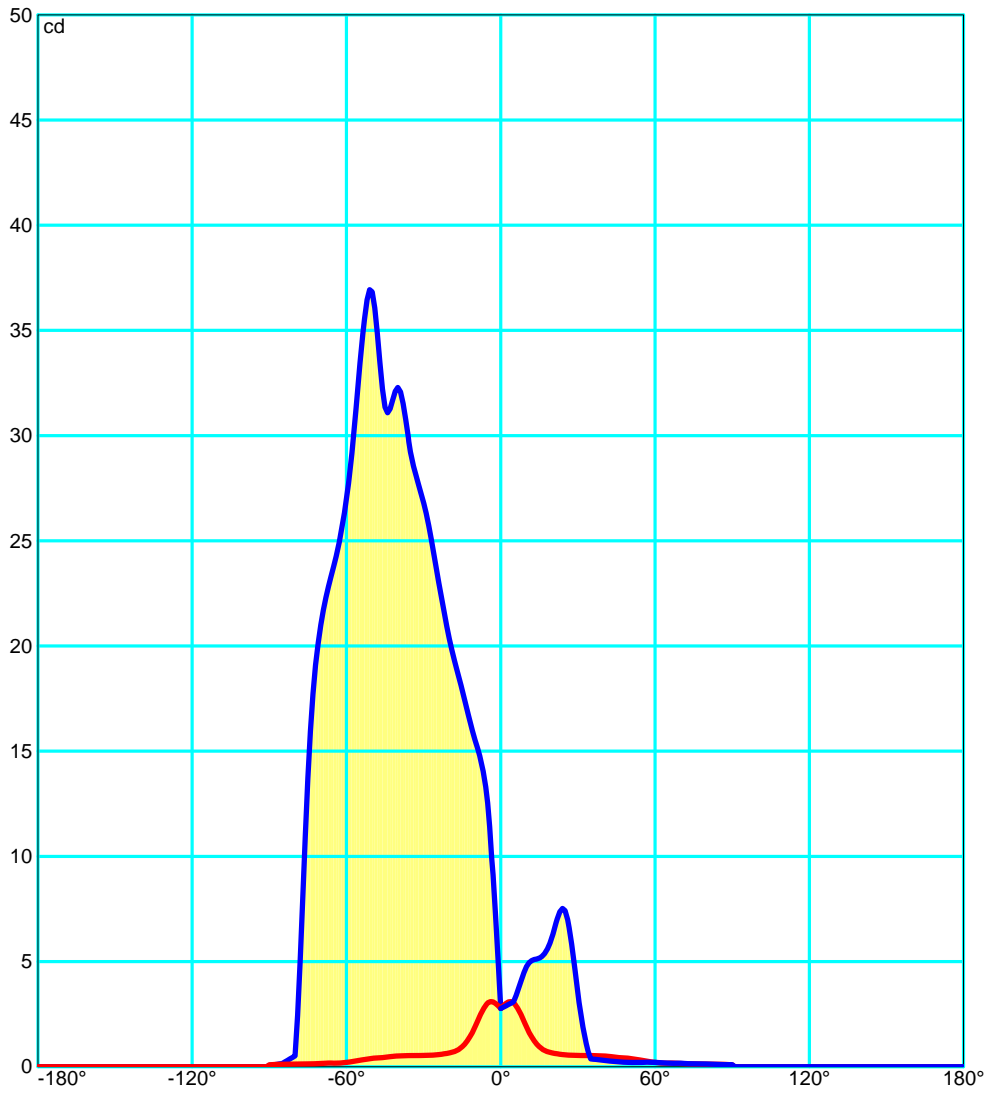


Luminaire		Measur.		Lamp	
Code	05-9596	Code	05-9596	Code	05-9596
Name	Aplique indirecta led	Name	Aplique indirecta led	Number	1
Line	Eulumdat	Date	14-11-2011	Position	
Efficiency	100.00%	Coordinate system	CG	Total Flux	9.46 lm

170mm x 65mm



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



Luminaire		Measur.		Lamp	
Code	05-9596	Code	05-9596	Code	05-9596
Name	Aplique indirecta led	Name	Aplique indirecta led	Number	1
Line	Eulumdat	Date	14-11-2011	Position	
Efficiency	100.00%	Coordinate system	CG	Total Flux	9.46 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	6.1	7.4	6.4	7.7	31.9	30.2	31.5	30.5	31.7	31.9
x=2H y=3H	7.6	8.7	7.9	9.0	35.4	33.7	34.8	34.0	35.1	35.4
x=2H y=4H	8.5	9.6	8.8	9.9	36.8	35.1	36.3	35.5	36.5	36.8
x=2H y=6H	9.6	10.7	10.0	10.9	37.1	35.4	36.4	35.8	36.7	37.1
x=2H y=8H	10.4	11.4	10.7	11.7	37.0	35.4	36.4	35.7	36.7	37.0
x=2H y=12H	11.4	12.3	11.7	12.6	36.9	35.3	36.3	35.7	36.6	36.9
x=4H y=2H	7.3	8.4	7.6	8.7	31.6	29.9	31.0	30.3	31.3	31.6
x=4H y=3H	8.9	9.8	9.2	10.1	35.0	33.4	34.4	33.8	34.7	35.0
x=4H y=4H	9.9	10.8	10.3	11.1	36.5	34.9	35.8	35.3	36.1	36.5
x=4H y=6H	11.1	11.9	11.6	12.3	36.7	35.2	35.9	35.6	36.3	36.7
x=4H y=8H	11.9	12.6	12.4	13.0	36.7	35.2	35.8	35.6	36.2	36.7
x=4H y=12H	13.0	13.6	13.4	14.0	36.6	35.1	35.8	35.6	36.2	36.6
x=8H y=4H	10.6	11.3	11.0	11.7	36.3	34.8	35.5	35.2	35.9	36.3
x=8H y=6H	12.0	12.6	12.5	13.0	36.5	35.1	35.6	35.6	36.1	36.5
x=8H y=8H	12.9	13.4	13.4	13.9	36.5	35.1	35.5	35.5	36.0	36.5
x=8H y=12H	14.1	14.5	14.6	14.9	36.4	35.0	35.4	35.5	35.9	36.4
x=12H y=4H	10.7	11.3	11.2	11.7	36.2	34.8	35.4	35.2	35.8	36.2
x=12H y=6H	12.3	12.8	12.8	13.2	36.5	35.1	35.5	35.5	36.0	36.5
x=12H y=8H	13.3	13.7	13.8	14.2	36.4	35.0	35.4	35.5	35.9	36.4

Luminaire		Measur.				Lamp	
Code	05-9596	Code	05-9596	Code	05-9596	Number	1
Name	Aplique indirecta led	Name	Aplique indirecta led	Position			
Line	Eulumdat	Date	14-11-2011				
Efficiency	100.00%	Coordinate system	CG	Total Flux	9.46 lm		

Total Flux= 9.46 Luminaire Flux= 9.46

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	0.32	0.40	0.48	0.55	0.60	0.69	0.74	0.79	0.84	0.87	0.94	0.97
RC	5	5	5	5	5	5	5	4	4	4	4	3

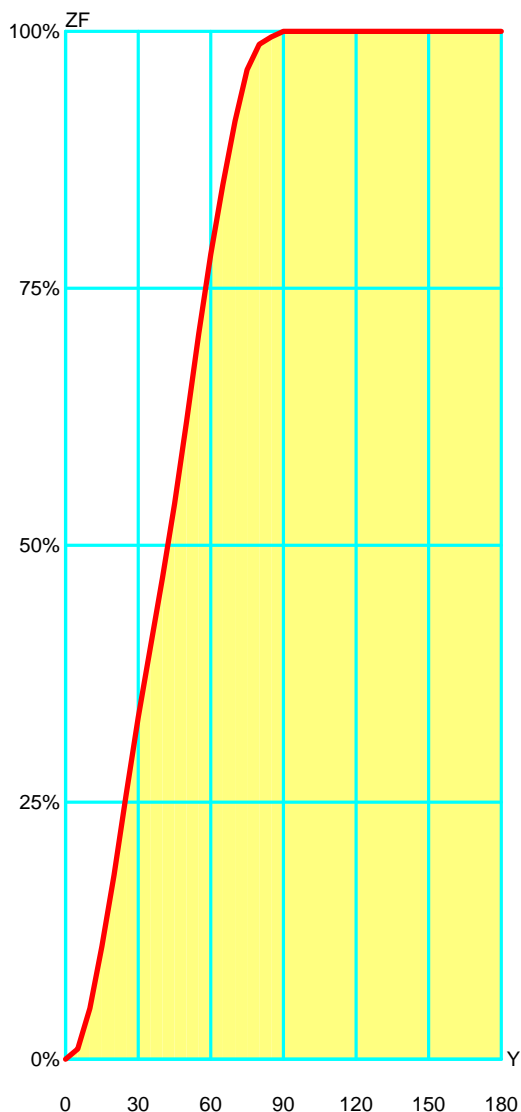
Zonal Flux per 1000 Lumen

Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	50	179	333	468	621	783	913	987	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

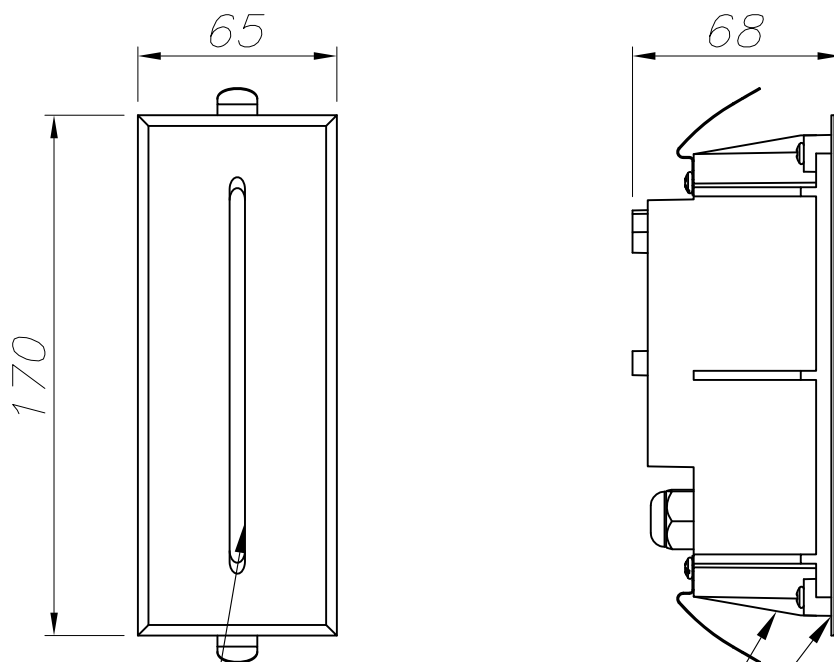
CIE Flux Codes

49 78 96 100 100

C.I.E.	5/5/5/5/5/5/5/4/4/4/3	LOR	99.99997 %
D DIN 5040	A30	ULOR	0.00000 %
F UTE	1.00 E	DLOR	99.99997 %
B NBN	BZ 4	UFF	0.00000 %
RN	0.00000 %	DFF	100.00000 %
BLF	1.0	FFR	0.00000 %

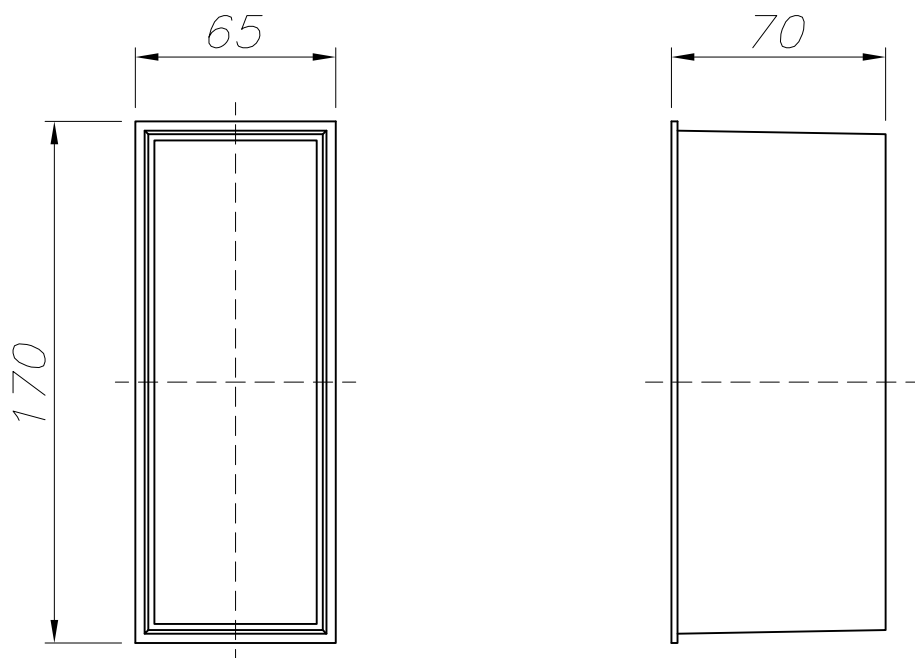


Zonal Flux				
Gamma °	Flux	Sum lm	Flux [%]	Sum [%]
0°	0.00	0.00	0.00%	0.00 %
5°	9.97	9.97	1.00 %	1.00 %
10°	39.55	49.52	3.95 %	4.95 %
15°	60.26	109.78	6.03 %	10.98 %
20°	69.46	179.24	6.95 %	17.92 %
25°	77.62	256.86	7.76 %	25.69 %
30°	75.73	332.59	7.57 %	33.26 %
35°	67.20	399.79	6.72 %	39.98 %
40°	68.14	467.93	6.81 %	46.79 %
45°	72.40	540.33	7.24 %	54.03 %
50°	80.22	620.55	8.02 %	62.06 %
55°	85.23	705.78	8.52 %	70.58 %
60°	77.33	783.11	7.73 %	78.31 %
65°	68.05	851.16	6.80 %	85.12 %
70°	61.54	912.70	6.15 %	91.27 %
75°	49.83	962.53	4.98 %	96.25 %
80°	24.83	987.36	2.48 %	98.74 %
85°	7.12	994.48	0.71 %	99.45 %
90°	5.52	1000.00	0.55 %	100.00 %
95°	0.00	1000.00	0.00 %	100.00 %
100°	0.00	1000.00	0.00 %	100.00 %
105°	0.00	1000.00	0.00 %	100.00 %
110°	0.00	1000.00	0.00 %	100.00 %
115°	0.00	1000.00	0.00 %	100.00 %
120°	0.00	1000.00	0.00 %	100.00 %
125°	0.00	1000.00	0.00 %	100.00 %
130°	0.00	1000.00	0.00 %	100.00 %
135°	0.00	1000.00	0.00 %	100.00 %
140°	0.00	1000.00	0.00 %	100.00 %
145°	0.00	1000.00	0.00 %	100.00 %
150°	0.00	1000.00	0.00 %	100.00 %
155°	0.00	1000.00	0.00 %	100.00 %
160°	0.00	1000.00	0.00 %	100.00 %
165°	0.00	1000.00	0.00 %	100.00 %
170°	0.00	1000.00	0.00 %	100.00 %
175°	0.00	1000.00	0.00 %	100.00 %
180°	0.00	1000.00	0.00 %	100.00 %



CRISTAL TRANSPARENTE
TRANSPARENT GLASS

ALUMINIO INYECTADO
INJECTED ALUMINIUM



CAJA DE EMPOTRAR
FLUSH FITTING BOX

