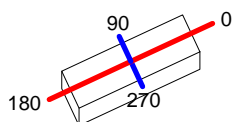


Luminaire		Measur.		Lamp		
Code	05-2019	Code	05-2019	Code	05-2019	
Name	Aplique led 8W	Name	Aplique led 8W	Number	2	
Line	Eulumdat	Date	15-02-2013	Position		
Efficiency	100.00%	Coordinate system	CG	Total Flux	764.00 lm	
Maximum value	288.54 cd	Position	C=90.00 G=110.00	Sym. on planes	270-90	
Rectangular Luminaire	Length	92 mm	Width	300 mm	Height	70 mm
Rectangular Luminous Area	Length	47 mm	Width	300 mm	Height	70 mm
Horizontal Luminous Area	0.014100 m2	Emitting area on Plane 180°	0.003290 m2			
Emitting area on Plane 0°	0.003290 m2	Emitting area on Plane 270°	0.021000 m2			
Emitting area on Plane 90°	0.021000 m2	Glare area at 76°	0.006603 m2			
Symmetry Type	Sym. on planes 270-90	Maximum Gamma Angle	180			
Measurement Distance	0.00	Measurement Flux	764.00 lm			
Operator	Asselum T2	Source voltage				
Temperature	25.00 °C	Source current				
Humidity	60.00 %	Photocell				
Notes						

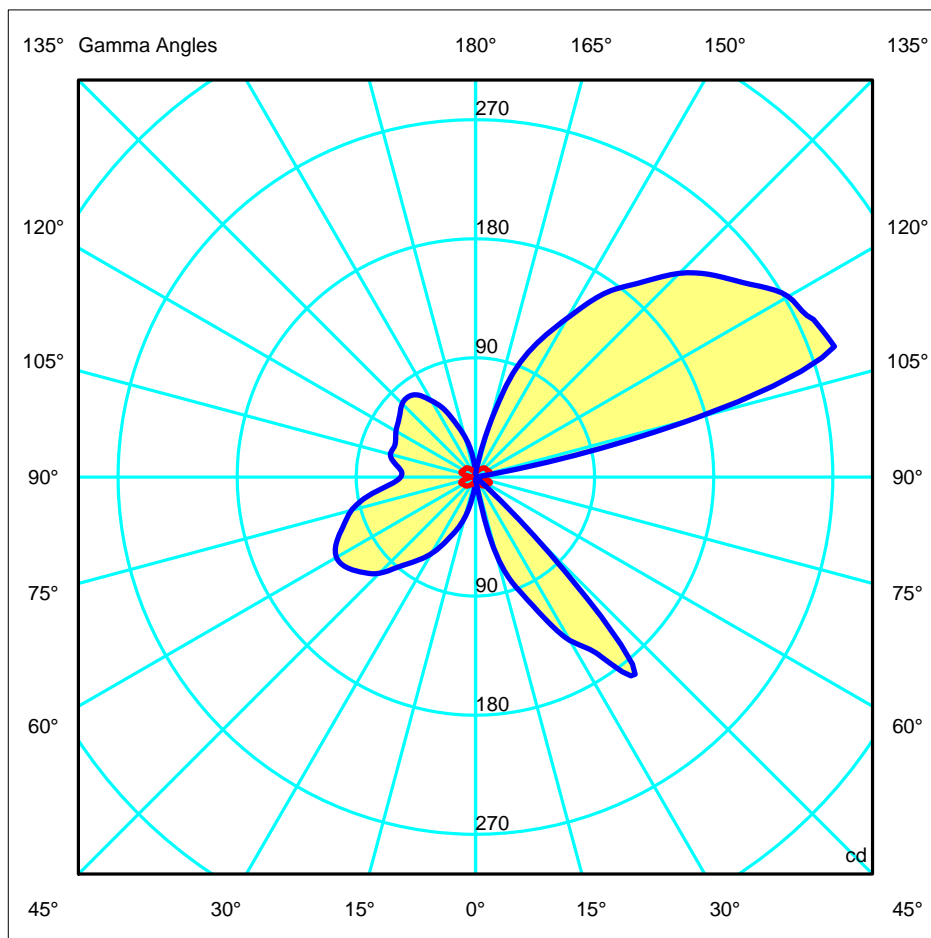
Luminaire Lamps					
Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty
Eulumdat	05-2019	05-2019 - 8.00 W	382.00	8.00	2
C.I.E.	30 64 87 38 100	D DIN 5040			
F UTE	0.38 I + 0.62 T	B NBN			
		D12			
		BZ 7 / 1 / BZ 6			

92mm x 300mm



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

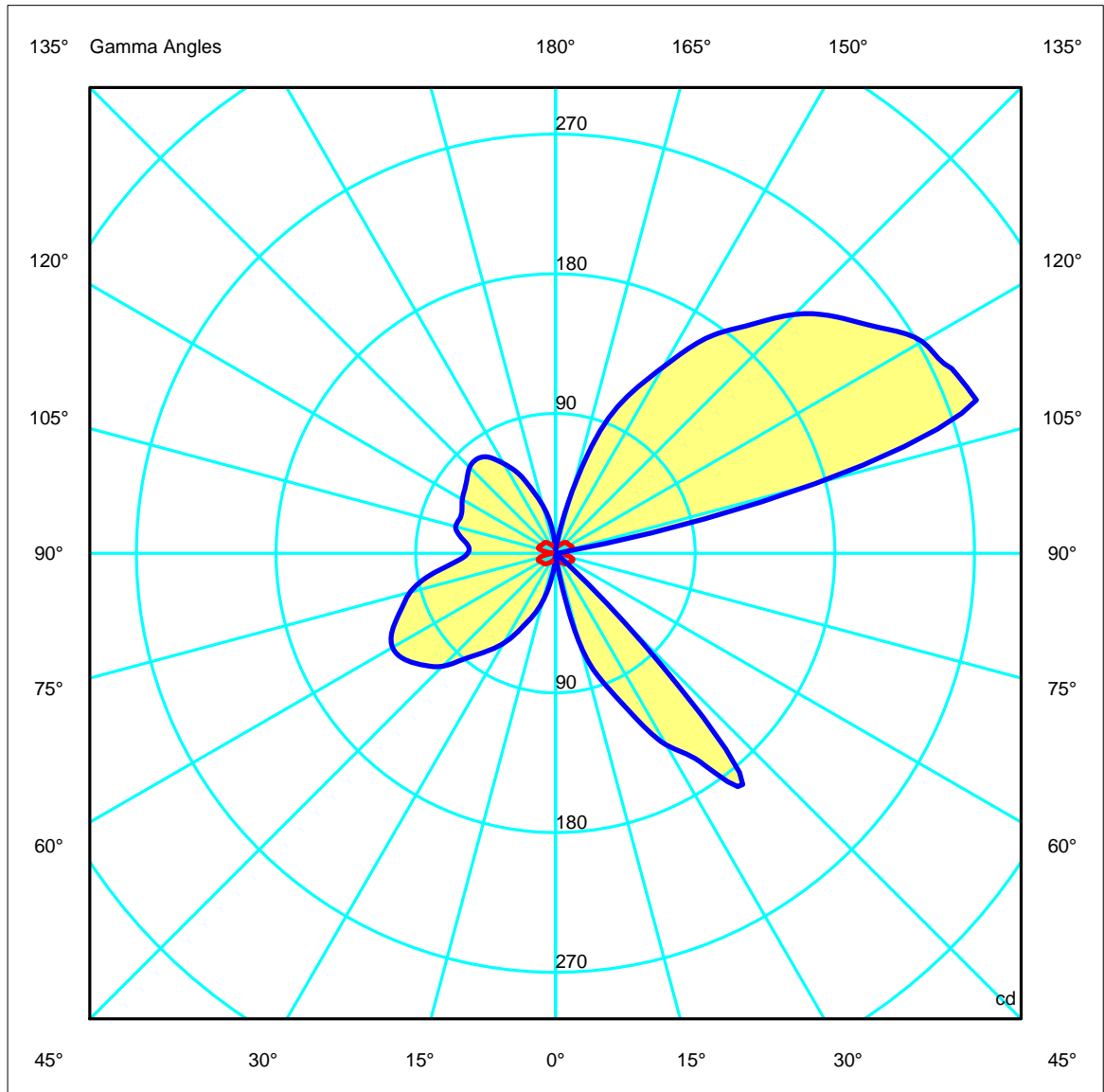
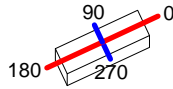
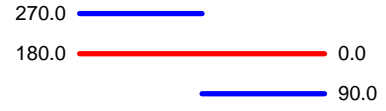
ULOR 62.15 %
 DLOR 37.85 %
 RN 62.15 %



Luminaire		Measur.		Lamp	
Code	05-2019	Code	05-2019	Code	05-2019
Name	Aplique led 8W	Name	Aplique led 8W	Number	2
Line	Eulumdat	Date	15-02-2013	Position	
Efficiency	100.00%	Coordinate system	CG	Total Flux	764.00 lm

92mm x 300mm

C Halfplanes



Luminaire		Measur.		Lamp	
Code	05-2019	Code	05-2019	Code	05-2019
Name	Aplique led 8W	Name	Aplique led 8W	Number	2
Line	Eulmdat	Date	15-02-2013	Position	

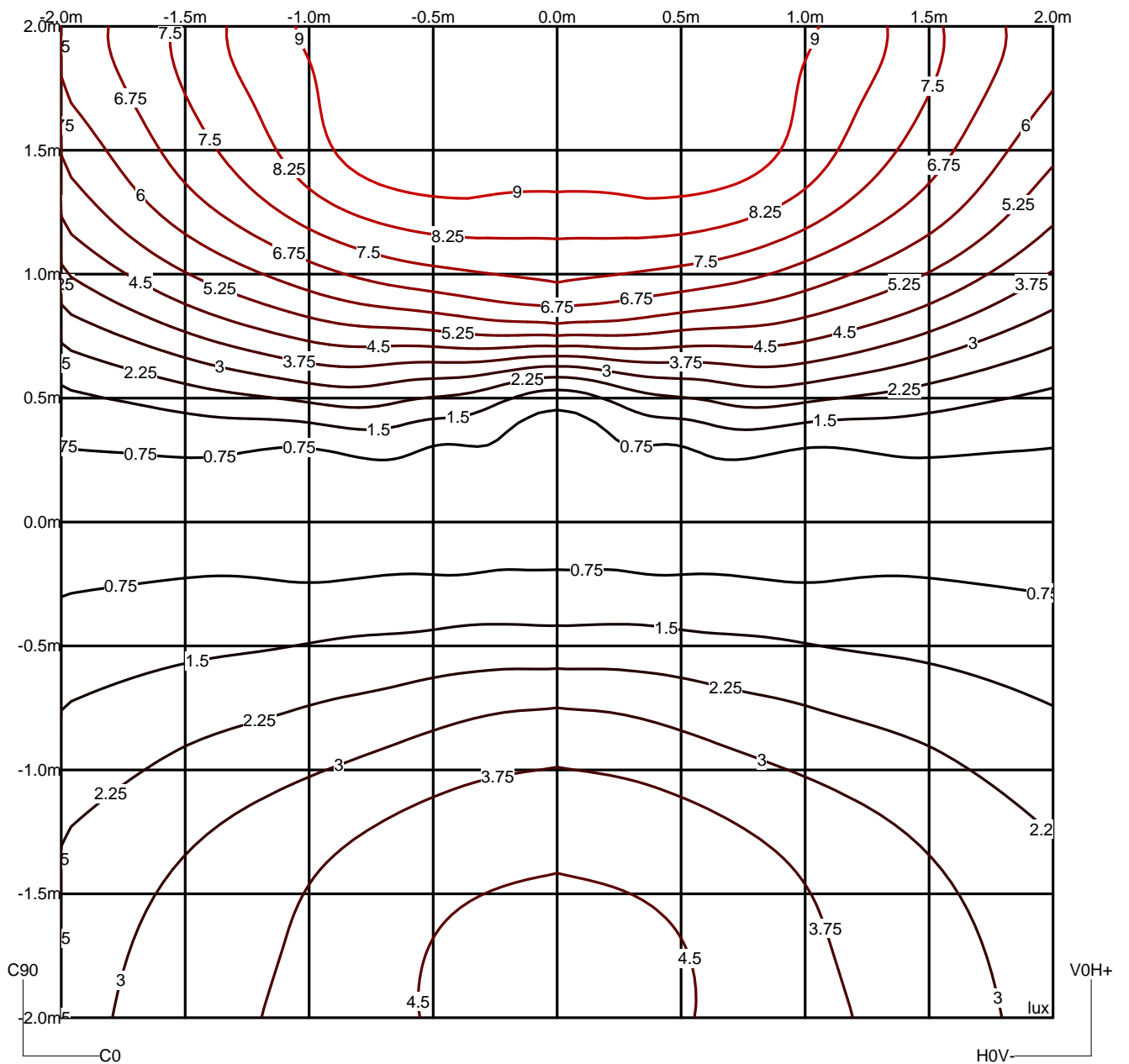
Efficiency	100.00%	Coordinate system	CG	Total Flux	764.00 lm
------------	---------	-------------------	----	------------	-----------

Could not find 90270 left beam angle•gamma0180=72

Luminaire		Measur.		Lamp	
Code	05-2019	Code	05-2019	Code	05-2019
Name	Aplique led 8W	Name	Aplique led 8W	Number	2
Line	Eulumdat	Date	15-02-2013	Position	
Efficiency	100.00%	Coordinate system	CG	Total Flux	764.00 lm

Isolux (Floor)

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



Luminaire

 Code 05-2019
 Name Aplique led 8W
 Line Eulumdat

Measur.

 Code 05-2019
 Name Aplique led 8W
 Date 15-02-2013

Lamp

 Code 05-2019
 Number 2
 Position

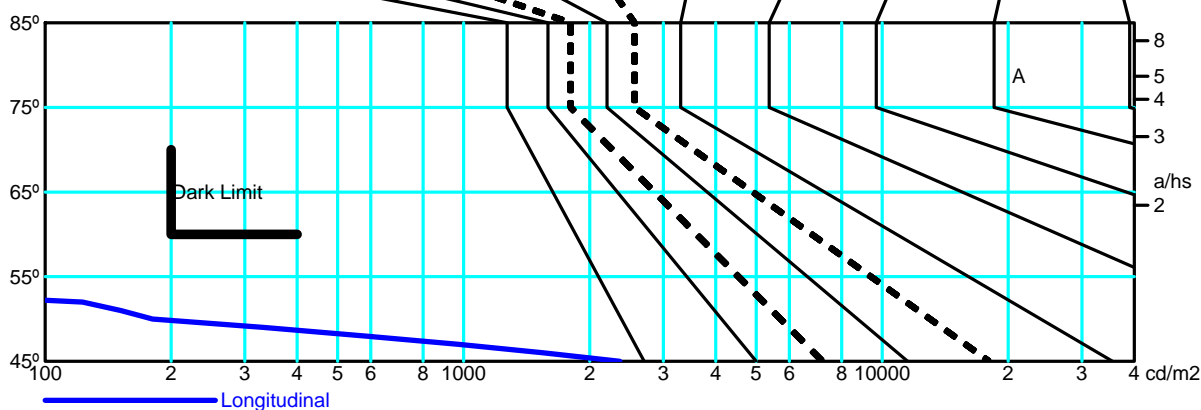
Efficiency 100.00%

Coordinate system CG

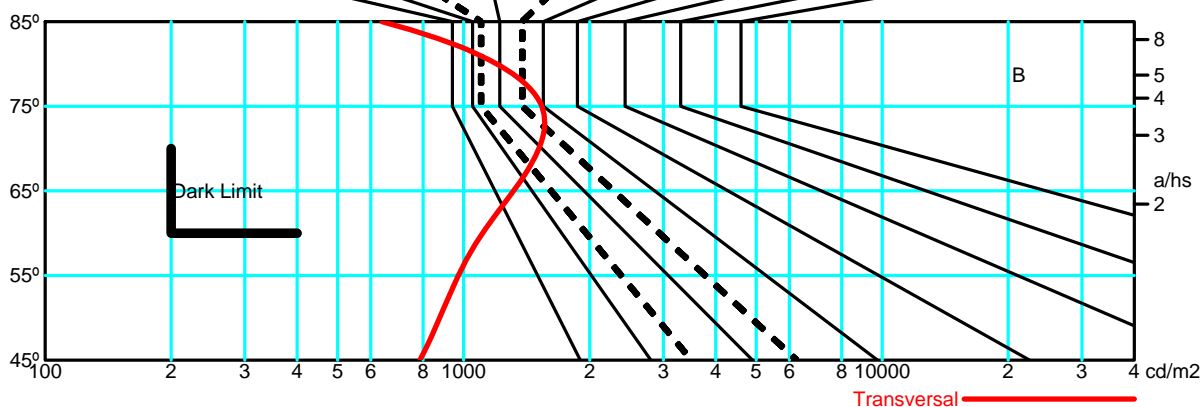
Total Flux 764.00 lm

		Average Luminance [cd/m ²]									
		0.0°	45°	50°	55°	60°	65°	70°	75°	80°	85°
90.0°		2360	181	37	44	36	37	42	43	45	---

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

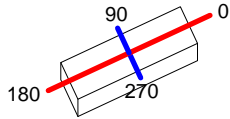


Flush mounted or transversal view												
Illumination(lx)												
A	A	2000	1000	750	500	<300					1.15	
B	1		2000	1500	1000	750	500	<300			1.5	
C					2000		1000	500	<300		1.85	
D	2						2000	1000	500	<300	2.2	
E	3							2000	1000	500	<300	2.55

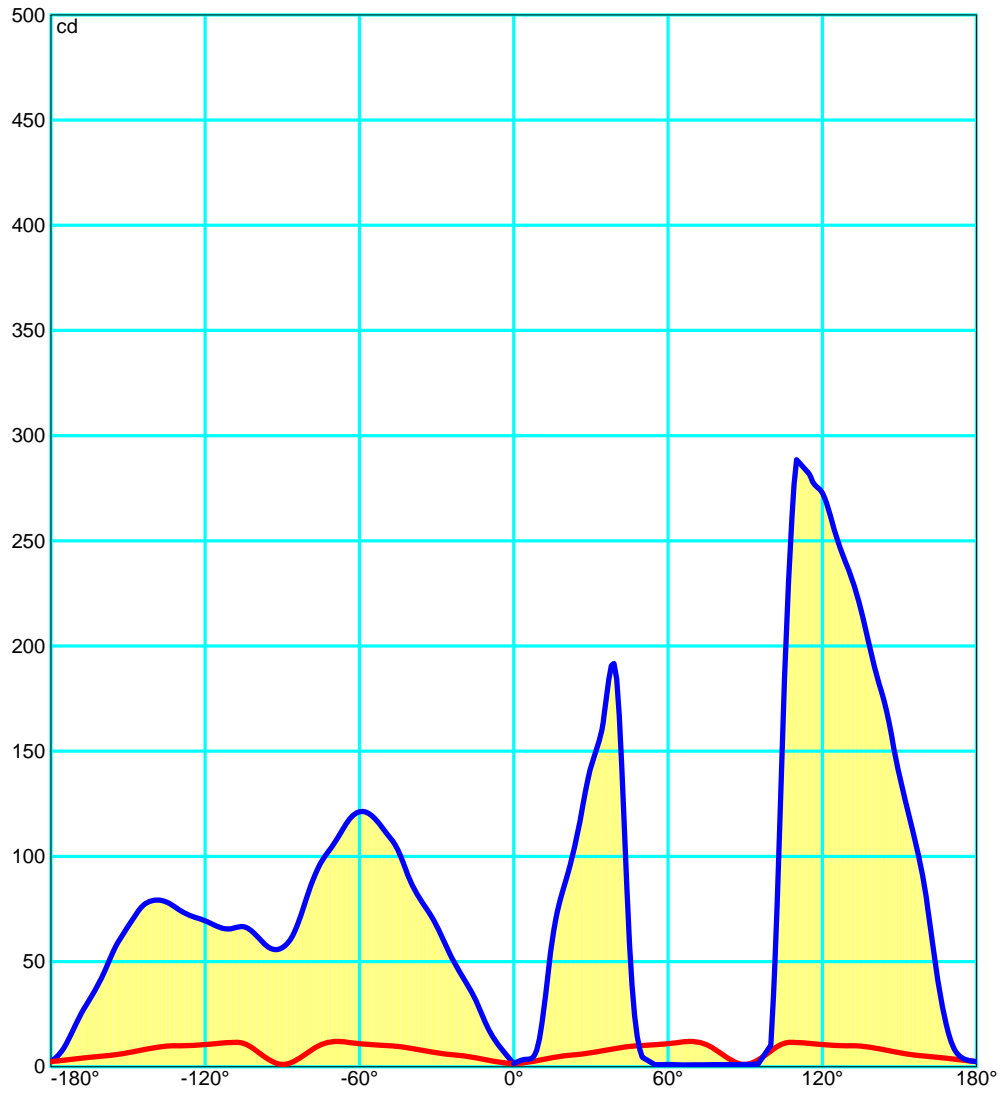


Luminaire		Measur.		Lamp	
Code	05-2019	Code	05-2019	Code	05-2019
Name	Aplique led 8W	Name	Aplique led 8W	Number	2
Line	Eulumdat	Date	15-02-2013	Position	
Efficiency	100.00%	Coordinate system	CG	Total Flux	764.00 lm

92mm x 300mm



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



Luminaire		Measur.		Lamp	
Code	05-2019	Code	05-2019	Code	05-2019
Name	Aplique led 8W	Name	Aplique led 8W	Number	2
Line	Eulumdat	Date	15-02-2013	Position	
Efficiency	100.00%	Coordinate system	CG	Total Flux	764.00 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	11.2	12.0	12.2	13.0	19.0	15.8	16.6	16.8	17.6	19.0
x=2H y=3H	12.3	13.0	13.3	14.0	21.4	18.3	19.0	19.3	20.0	21.4
x=2H y=4H	12.5	13.2	13.5	14.2	22.5	19.4	20.0	20.4	21.1	22.5
x=2H y=6H	12.7	13.3	13.7	14.3	23.3	20.3	20.9	21.3	21.9	23.3
x=2H y=8H	12.7	13.3	13.7	14.3	23.7	20.7	21.2	21.7	22.3	23.7
x=2H y=12H	12.6	13.2	13.7	14.3	24.0	21.0	21.5	22.0	22.6	24.0
x=4H y=2H	12.6	13.2	13.6	14.2	19.5	16.5	17.1	17.5	18.1	19.5
x=4H y=3H	13.9	14.4	14.9	15.5	22.2	19.1	19.7	20.2	20.7	22.2
x=4H y=4H	14.3	14.8	15.4	15.9	23.3	20.4	20.8	21.4	21.9	23.3
x=4H y=6H	14.6	15.0	15.7	16.1	24.4	21.4	21.8	22.5	22.9	24.4
x=4H y=8H	14.6	15.0	15.7	16.1	24.8	21.9	22.3	23.0	23.3	24.8
x=4H y=12H	14.6	15.0	15.7	16.1	25.2	22.2	22.6	23.3	23.7	25.2
x=8H y=4H	15.4	15.8	16.5	16.8	23.6	20.6	21.0	21.7	22.1	23.6
x=8H y=6H	15.9	16.2	17.0	17.3	24.8	21.9	22.2	23.0	23.3	24.8
x=8H y=8H	16.1	16.4	17.2	17.5	25.4	22.5	22.8	23.6	23.9	25.4
x=8H y=12H	16.1	16.4	17.3	17.5	25.9	23.0	23.2	24.1	24.4	25.9
x=12H y=4H	15.5	15.9	16.6	17.0	23.5	20.6	20.9	21.7	22.0	23.5
x=12H y=6H	16.2	16.5	17.4	17.6	24.8	21.9	22.2	23.0	23.3	24.8
x=12H y=8H	16.5	16.8	17.6	17.9	25.4	22.6	22.8	23.7	23.9	25.4

Luminaire

Code 05-2019
 Name Applique led 8W
 Line Eulumdat

Measur.

Code 05-2019
 Name Applique led 8W
 Date 15-02-2013

Lamp

Code 05-2019
 Number 2
 Position

Efficiency 100.00% Coordinate system CG Total Flux 764.00 lm

Total Flux=764.00 Luminaire Flux=764.00

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	0.17	0.26	0.33	0.40	0.46	0.55	0.61	0.66	0.72	0.76	0.86	0.92
RC	9	8	8	8	8	7	7	7	7	7	7	7

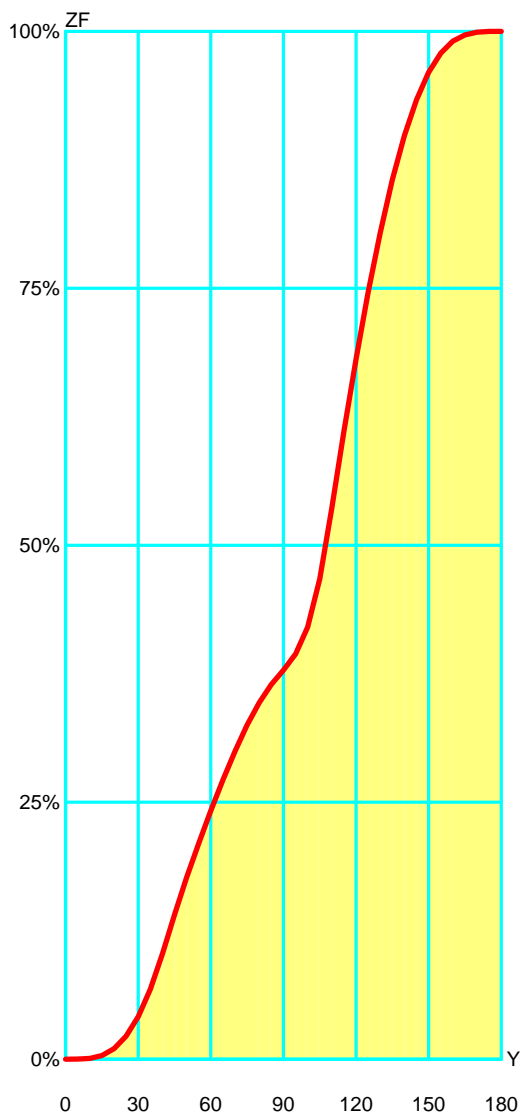
Zonal Flux per 1000 Lumen

Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	1	10	41	103	177	242	300	347	378	420	536	681	804	899	960	990	999	1000

CIE Flux Codes

30 64 87 38 100

C.I.E.	9/8/8/8/7/7/7/7/7/7/7	LOR	100.00000 %
D DIN 5040	D12	ULOR	62.15376 %
F UTE	0.38 I + 0.62 T	DLOR	37.84624 %
B NBN	BZ 7 / 1 / BZ 6	UFF	62.15376 %
RN	62.15376 %	DFF	37.84624 %
BLF	1.0	FFR	164.22704 %



Zonal Flux				
Gamma °	Flux	Sum lm	Flux [%]	Sum [%]
0°	0.00	0.00	0.00%	0.00%
5°	0.10	0.10	0.01%	0.01%
10°	0.71	0.81	0.07%	0.08%
15°	2.74	3.55	0.27%	0.36%
20°	6.77	10.32	0.68%	1.03%
25°	12.15	22.47	1.22%	2.25%
30°	18.91	41.39	1.89%	4.14%
35°	26.58	67.97	2.66%	6.80%
40°	34.55	102.51	3.45%	10.25%
45°	38.25	140.76	3.82%	14.08%
50°	35.95	176.71	3.59%	17.67%
55°	33.30	210.01	3.33%	21.00%
60°	31.72	241.72	3.17%	24.17%
65°	30.03	271.75	3.00%	27.18%
70°	28.00	299.76	2.80%	29.98%
75°	25.34	325.10	2.53%	32.51%
80°	21.76	346.86	2.18%	34.69%
85°	17.59	364.45	1.76%	36.45%
90°	14.01	378.46	1.40%	37.85%
95°	15.82	394.28	1.58%	39.43%
100°	26.04	420.32	2.60%	42.03%
105°	46.96	467.28	4.70%	46.73%
110°	68.74	536.02	6.87%	53.60%
115°	74.95	610.97	7.49%	61.10%
120°	70.40	681.36	7.04%	68.14%
125°	64.58	745.95	6.46%	74.59%
130°	58.34	804.29	5.83%	80.43%
135°	51.24	855.53	5.12%	85.55%
140°	43.26	898.78	4.33%	89.88%
145°	34.87	933.65	3.49%	93.37%
150°	26.46	960.11	2.65%	96.01%
155°	18.59	978.70	1.86%	97.87%
160°	11.69	990.39	1.17%	99.04%
165°	6.16	996.55	0.62%	99.66%
170°	2.55	999.10	0.26%	99.91%
175°	0.77	999.88	0.08%	99.99%
180°	0.12	1000.00	0.01%	100.00%