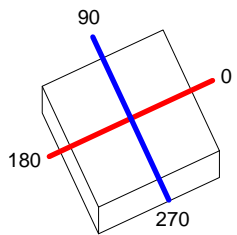


<b>Luminaire</b>		<b>Measur.</b>		<b>Lamp</b>		
Code	15-9806-34-CL	Code	15-9806-34-CL	Code	LED	
Name	15-9806-34-CL	Name	15-9806-34-CL	Number	1	
Line	Eulumdat	Date	07-01-2015	Position		
Efficiency	100.00%	Coordinate system	CG	Total Flux	1171.60 lm	
Maximum value	403.11 cd	Position	C=0.00 G=0.00	Asymmetrical		
Rectangular Luminaire	Length	395 mm	Width	395 mm	Height	90 mm
Rectangular Luminous Area	Length	395 mm	Width	395 mm	Height	90 mm
Horizontal Luminous Area	0.156025 m <sup>2</sup>	Emitting area on Plane 180°		0.035550 m <sup>2</sup>		
Emitting area on Plane 0°	0.035550 m <sup>2</sup>	Emitting area on Plane 270°		0.035550 m <sup>2</sup>		
Emitting area on Plane 90°	0.035550 m <sup>2</sup>	Glare area at 76°		0.072240 m <sup>2</sup>		
Symmetry Type	Asymmetrical	Maximum Gamma Angle		90		
Measurement Distance	0.00	Measurement Flux		1171.60 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 - 19.60 W			1171.60	19.60	1
C.I.E.	46 78 96 100 100	D DIN 5040	A30				
F UTE	1.00 E	B NBN	BZ 5 / 4 / BZ 4				

395mm x 395mm



**C Halfplanes**

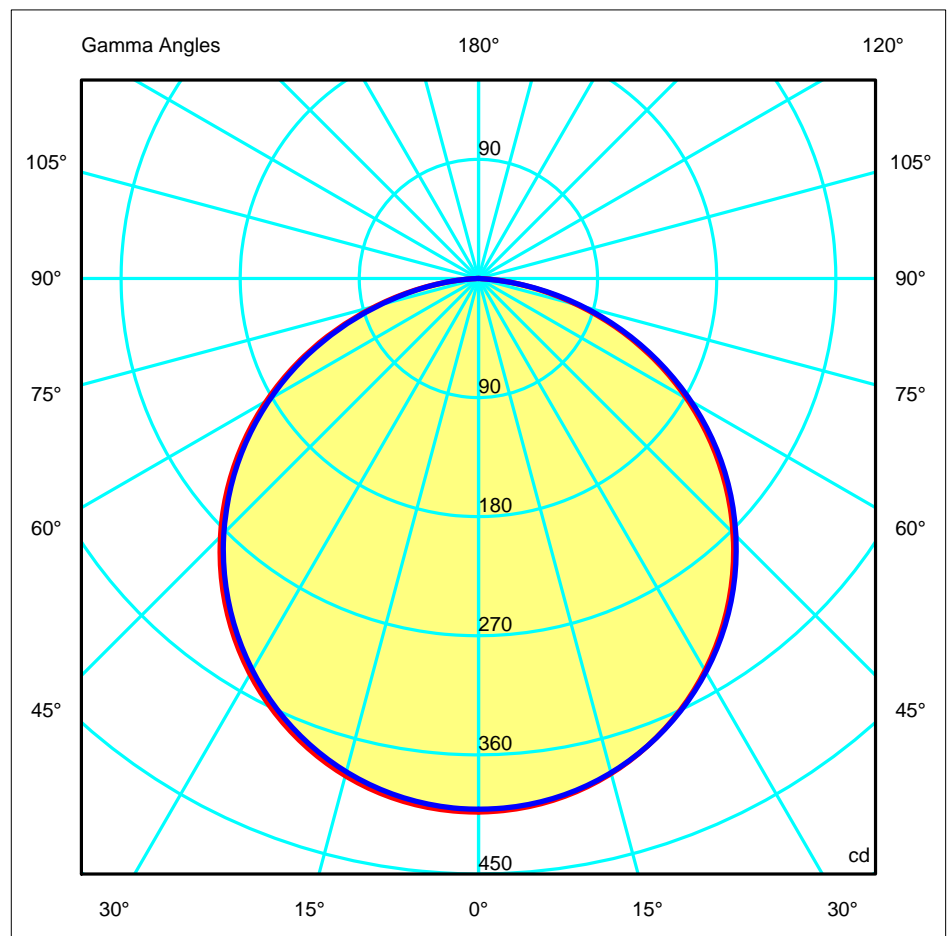
180.0 — 0.0

270.0 — 90.0

ULOR 0.00 %

DLOR 100.00 %

RN 0.00 %

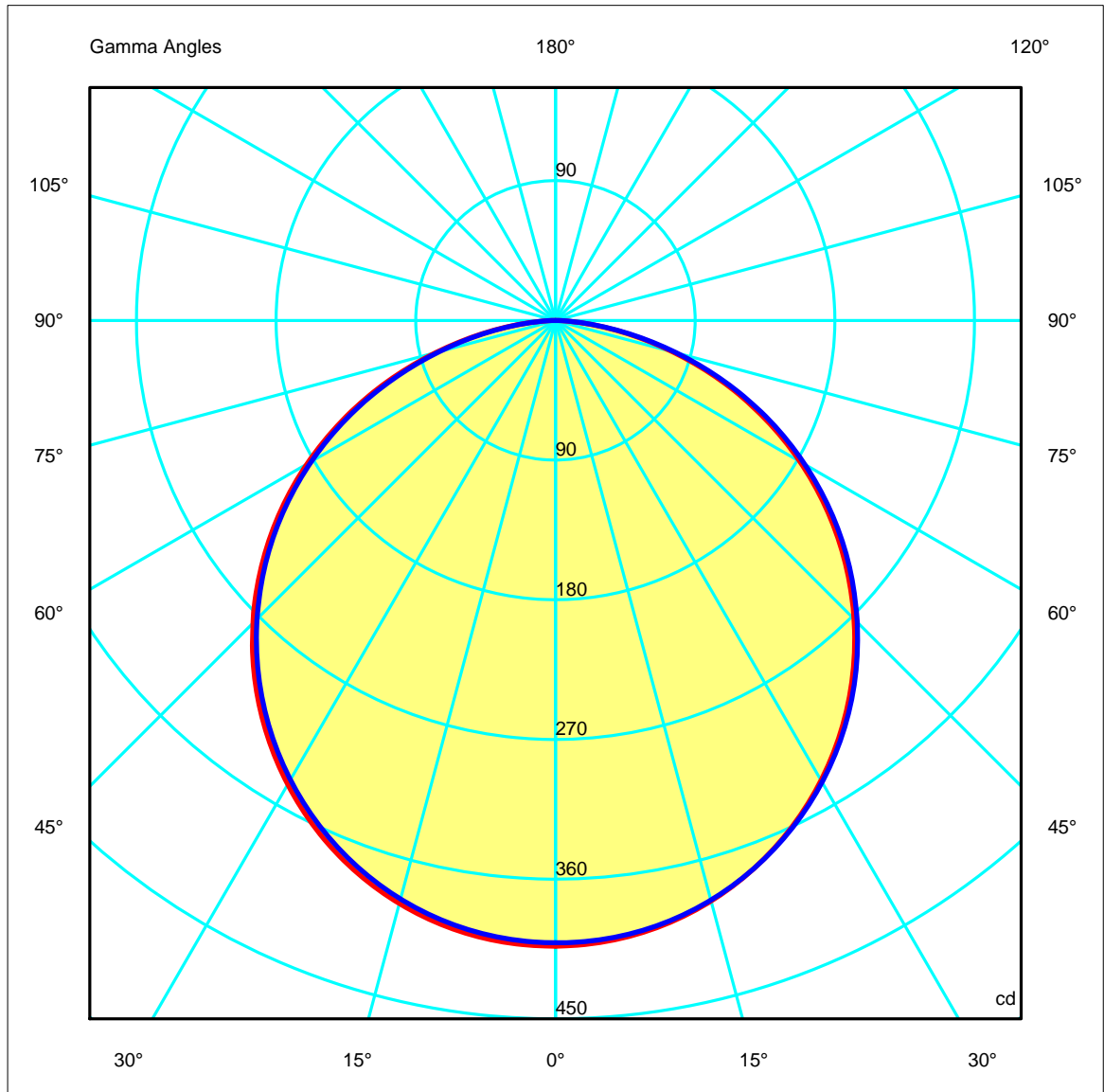
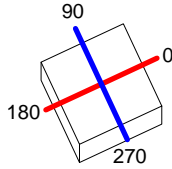


<b>Luminaire</b>		<b>Measur.</b>		<b>Lamp</b>	
Code	15-9806-34-CL	Code	15-9806-34-CL	Code	LED
Name	15-9806-34-CL	Name	15-9806-34-CL	Number	1
Line	Eulmdat	Date	07-01-2015	Position	
Efficiency	100.00%	Coordinate system	CG	Total Flux	1171.60 lm

395mm x 395mm

C Halfplanes

180.0 ——— 0.0  
 270.0 ——— 90.0



**Luminaire**

 Code 15-9806-34-CL  
 Name 15-9806-34-CL  
 Line Eulumdat

**Measuram.**

 Code 15-9806-34-CL  
 Name 15-9806-34-CL  
 Date 07-01-2015

**Lamp**

 Code LED  
 Number 1  
 Position

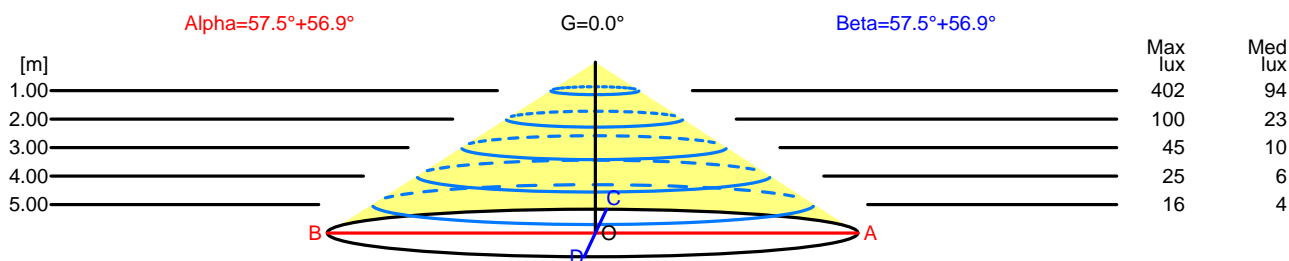
Efficiency	100.00%	Coordinate system	CG	Total Flux	1171.60 lm
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## Width at 50.00 % of Max Intensity

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	1.54	3.07	4.61	6.15	7.68	OC	1.57	3.14	4.71	6.28	7.85
OB	1.57	3.14	4.70	6.27	7.84	OD	1.53	3.07	4.60	6.14	7.67

## Luminous Intensities [ cd ]

	0	5	15	25	35	45	55	65	75	85
OA	403.11	401.21	387.17	360.21	321.26	271.88	213.81	148.26	77.86	15.96
OB	403.11	401.72	388.88	362.80	324.62	275.67	217.17	150.74	79.61	17.71
OC	400.95	399.49	386.57	360.89	323.25	274.99	217.33	151.71	80.77	17.34
OD	400.95	399.29	385.92	359.52	321.06	272.13	213.77	147.74	77.26	16.87



H[m]	D[m]	Max lux	Med lux	Alpha=57.5°+56.9°	G=0.0	
1.00	3.10	402	94			
2.00	6.21	100	23			
3.00	9.31	45	10			
4.00	12.42	25	6			
5.00	15.52	16	4			

H[m]	D[m]	Max lux	Med lux	Beta=56.9°+57.5°	G=0.0	
1.00	3.10	402	94			
2.00	6.21	100	23			
3.00	9.31	45	10			
4.00	12.42	25	6			
5.00	15.52	16	4			

**Luminaire**  
 Code 15-9806-34-CL  
 Name 15-9806-34-CL  
 Line Eulumdat

**Measur.**  
 Code 15-9806-34-CL  
 Name 15-9806-34-CL  
 Date 07-01-2015

**Lamp**  
 Code LED  
 Number 1  
 Position

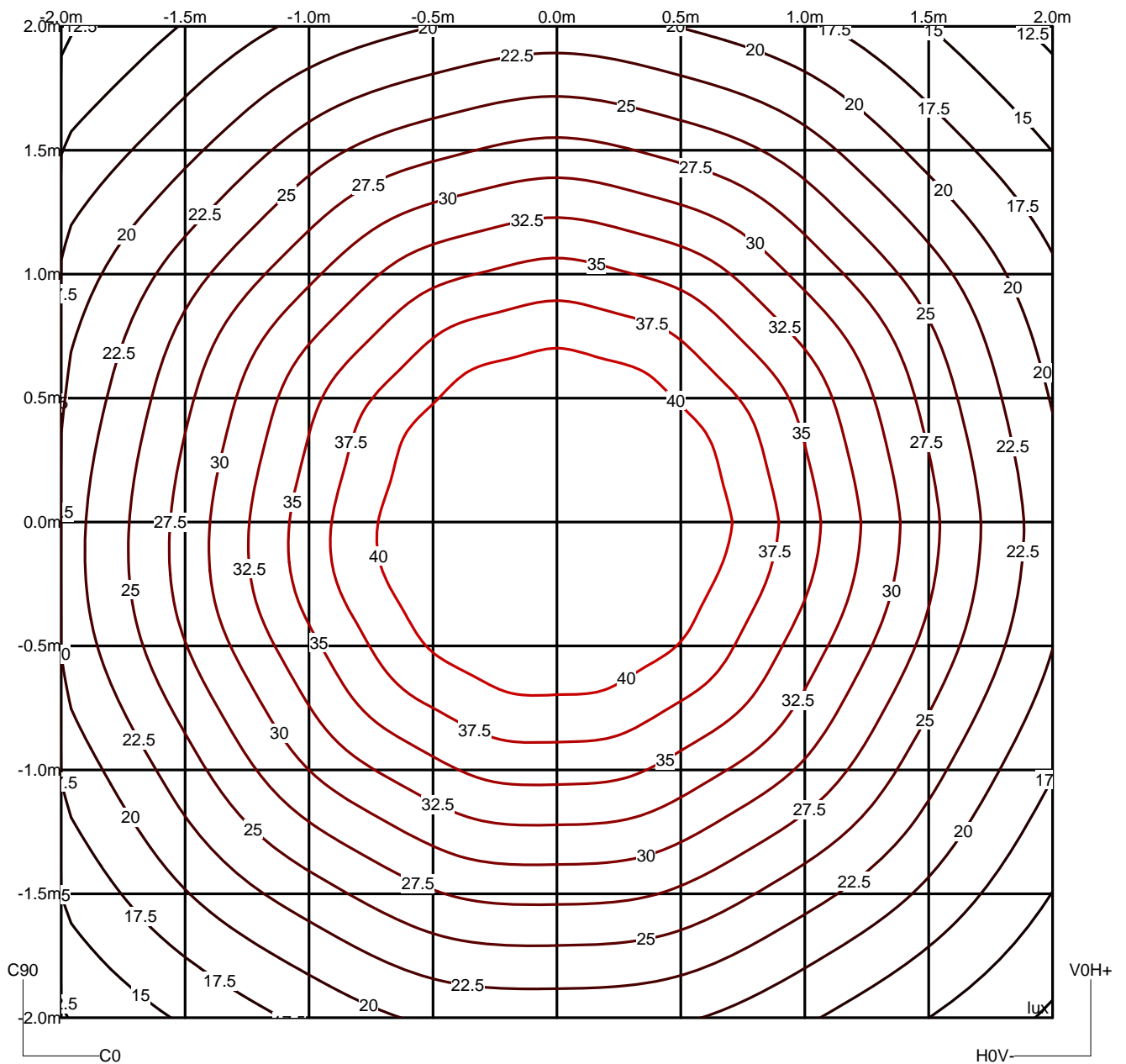
Efficiency 100.00%

Coordinate system CG

Total Flux 1171.60 lm

Isolux (Floor)

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

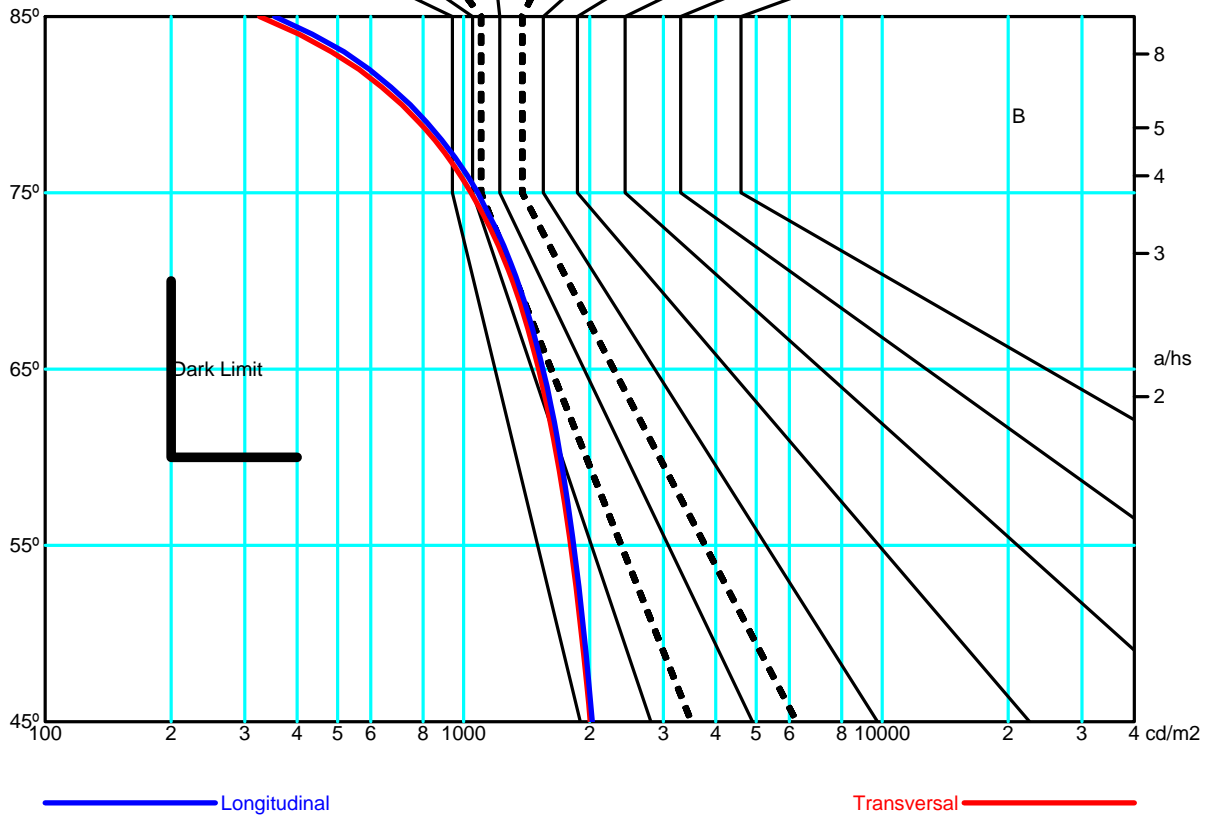


<b>Luminaire</b>	<b>Measur.</b>	<b>Lamp</b>
Code 15-9806-34-CL	Code 15-9806-34-CL	Code LED
Name 15-9806-34-CL	Name 15-9806-34-CL	Number 1
Line Eulumdat	Date 07-01-2015	Position

Efficiency	100.00%	Coordinate system	CG	Total Flux	1171.60 lm
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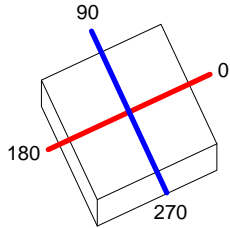
	Average Luminance [cd/m <sup>2</sup> ]										
	0.0°	45°	50°	55°	60°	65°	70°	75°	80°	85°	
90.0°	2007	2030	1938	1832	1703	1546	1344	1081	746	354	---
											---

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



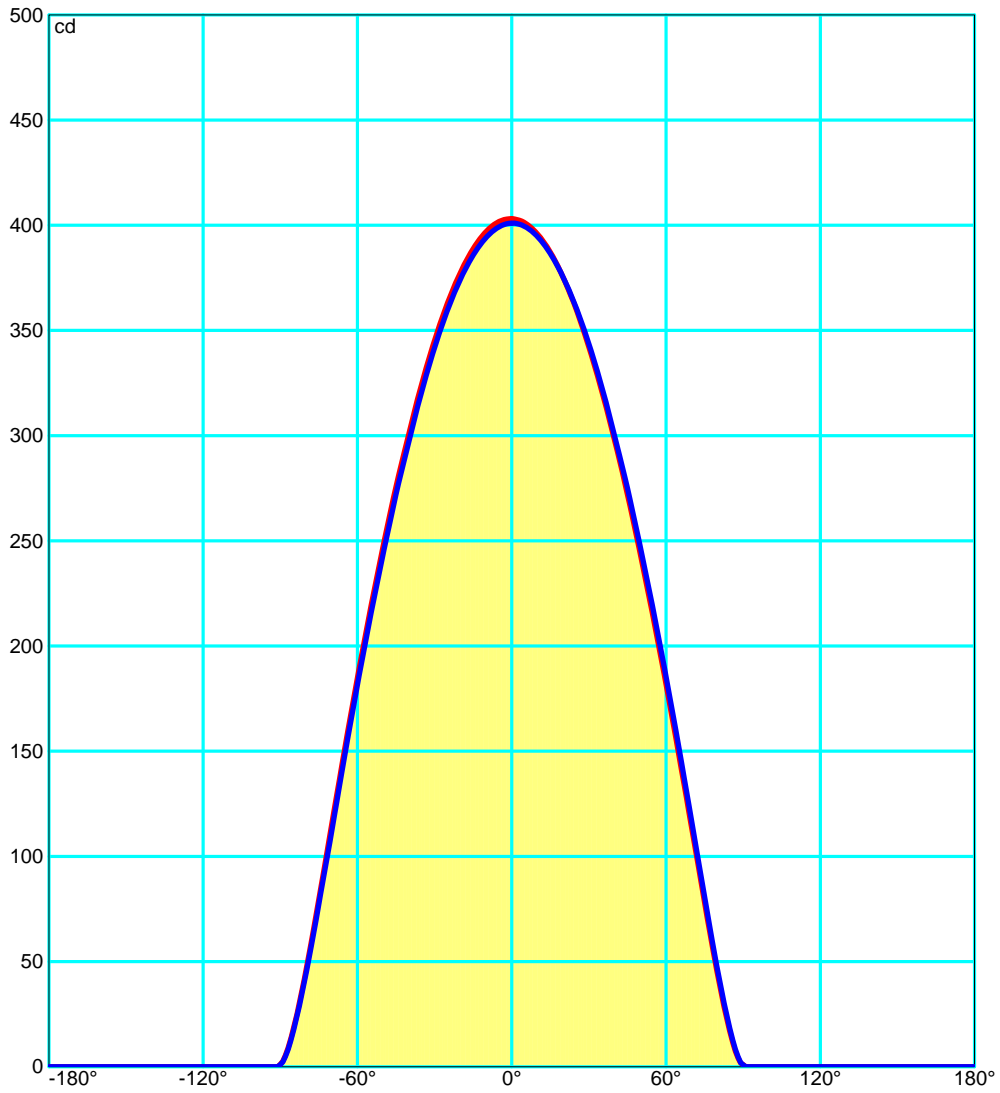
Luminaire		Measur.		Lamp	
Code	15-9806-34-CL	Code	15-9806-34-CL	Code	LED
Name	15-9806-34-CL	Name	15-9806-34-CL	Number	1
Line	Eulumdat	Date	07-01-2015	Position	
Efficiency	100.00%	Coordinate system	CG	Total Flux	1171.60 lm

395mm x 395mm



C Halfplanes

180.0 ——— 0.0  
 270.0 ——— 90.0



<b>Luminaire</b>		<b>Measur.</b>		<b>Lamp</b>	
Code	15-9806-34-CL	Code	15-9806-34-CL	Code	LED
Name	15-9806-34-CL	Name	15-9806-34-CL	Number	1
Line	Eulumdat	Date	07-01-2015	Position	
Efficiency	100.00%	Coordinate system	CG	Total Flux	1171.60 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	14.5	15.8	14.8	16.0	16.2	14.4	15.8	14.7	16.0	16.2
x=2H y=3H	15.9	17.2	16.3	17.4	17.6	15.9	17.1	16.2	17.4	17.6
x=2H y=4H	16.5	17.6	16.8	17.9	18.1	16.4	17.5	16.7	17.8	18.1
x=2H y=6H	16.8	17.8	17.1	18.1	18.4	16.7	17.8	17.1	18.1	18.4
x=2H y=8H	16.8	17.8	17.2	18.2	18.4	16.8	17.8	17.1	18.1	18.4
x=2H y=12H	16.8	17.8	17.2	18.1	18.4	16.8	17.8	17.2	18.1	18.4
x=4H y=2H	15.2	16.3	15.5	16.6	16.8	15.1	16.2	15.4	16.5	16.8
x=4H y=3H	16.8	17.7	17.1	18.1	18.3	16.7	17.7	17.1	18.0	18.3
x=4H y=4H	17.4	18.3	17.8	18.6	18.9	17.3	18.2	17.7	18.5	18.9
x=4H y=6H	17.8	18.6	18.2	18.9	19.3	17.7	18.5	18.2	18.9	19.3
x=4H y=8H	17.9	18.6	18.3	19.0	19.3	17.8	18.5	18.3	18.9	19.3
x=4H y=12H	18.0	18.6	18.4	19.0	19.4	17.9	18.5	18.3	18.9	19.4
x=8H y=4H	17.7	18.3	18.1	18.7	19.1	17.6	18.3	18.0	18.6	19.1
x=8H y=6H	18.1	18.7	18.6	19.2	19.5	18.1	18.6	18.5	19.1	19.5
x=8H y=8H	18.3	18.8	18.8	19.2	19.6	18.2	18.7	18.7	19.2	19.6
x=8H y=12H	18.4	18.8	18.9	19.3	19.7	18.3	18.7	18.8	19.2	19.7
x=12H y=4H	17.7	18.3	18.1	18.7	19.1	17.6	18.2	18.0	18.6	19.1
x=12H y=6H	18.2	18.7	18.7	19.1	19.5	18.1	18.6	18.6	19.0	19.5
x=12H y=8H	18.4	18.8	18.8	19.3	19.7	18.3	18.7	18.8	19.2	19.7

<b>Luminaire</b>	<b>Measur.</b>	<b>Lamp</b>
Code 15-9806-34-CL	Code 15-9806-34-CL	Code LED
Name 15-9806-34-CL	Name 15-9806-34-CL	Number 1
Line Eulumdat	Date 07-01-2015	Position

Efficiency 100.00%	Coordinate system CG	Total Flux 1171.60 lm
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Total Flux=1171.60 Luminaire Flux=1171.60

	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
RI	0.30	0.39	0.46	0.53	0.59	0.68	0.74	0.78	0.83	0.86	0.93	0.96
DRR	5	5	5	5	5	5	5	5	5	5	4	4
RC												

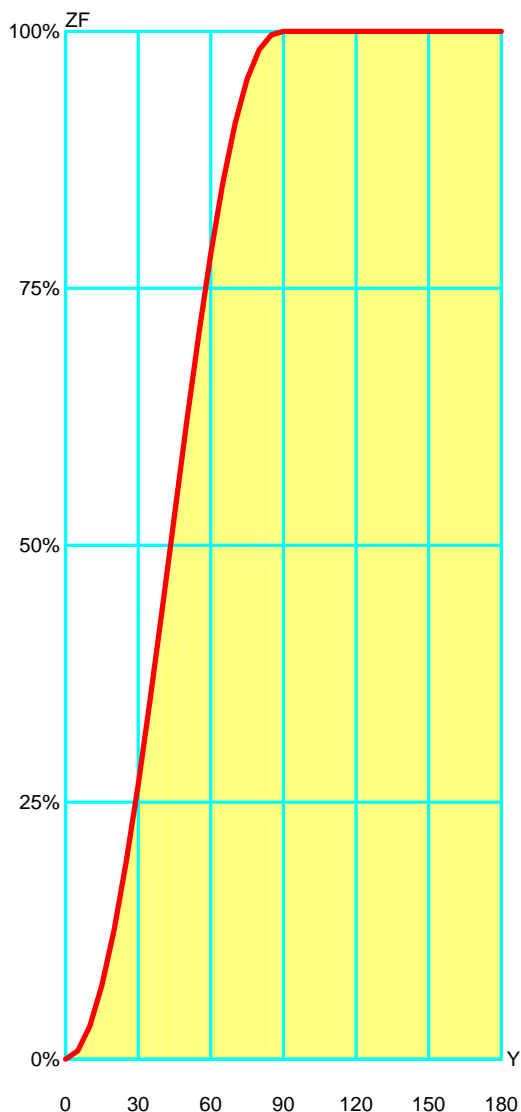
Zonal Flux per 1000 Lumen

Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	32	126	267	439	619	784	910	982	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

CIE Flux Codes

46 78 96 100 100

C.I.E.	5/5/5/5/5/5/5/5/4/4	LOR	99.99989 %
D DIN 5040	A30	ULOR	0.00000 %
F UTE	1.00 E	DLOR	99.99989 %
B NBN	BZ 5 / 4 / 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°	8.17	8.17	0.82 %	0.82 %
10°	24.25	32.42	2.43 %	3.24 %
15°	39.54	71.97	3.95 %	7.20 %
20°	53.55	125.52	5.35 %	12.55 %
25°	65.81	191.32	6.58 %	19.13 %
30°	75.92	267.24	7.59 %	26.72 %
35°	83.55	350.80	8.36 %	35.08 %
40°	88.48	439.27	8.85 %	43.93 %
45°	90.49	529.77	9.05 %	52.98 %
50°	89.54	619.30	8.95 %	61.93 %
55°	85.60	704.90	8.56 %	70.49 %
60°	78.78	783.68	7.88 %	78.37 %
65°	69.24	852.92	6.92 %	85.29 %
70°	57.28	910.20	5.73 %	91.02 %
75°	43.39	953.59	4.34 %	95.36 %
80°	28.53	982.12	2.85 %	98.21 %
85°	14.36	996.48	1.44 %	99.65 %
90°	3.52	1000.00	0.35 %	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 %