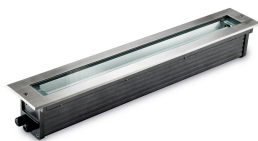


## GEA

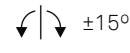
## 55-9265-Y4-37

Recessed uplighting IP67 GEA G5 39W Stainless steel 2138lm



### TECHNICAL FEATURES

IP67 IK08



Power (W) : 39W

Raw lumens : 2138

Raw lm/W : 55

Structure finish : Stainless steel

Diffuser material : Glass

Recommended light bulb : G5

Equipment included : Yes, electronic

Voltage / frequency : 220-240VAC/50-60Hz

Warranty : 2 Years

Max. temperature : 25°C

Seaside : No

Energy efficiency : A++



### LUMINOTECHNIC FEATURES

Lampholder: 1 x G5

### LOGISTICS

Net weight (kg): 7.74

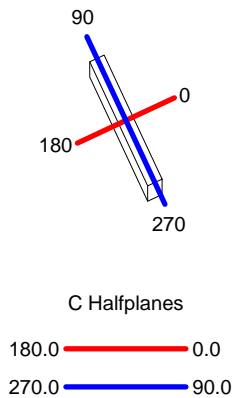
Packaged weight (kg): 8.3



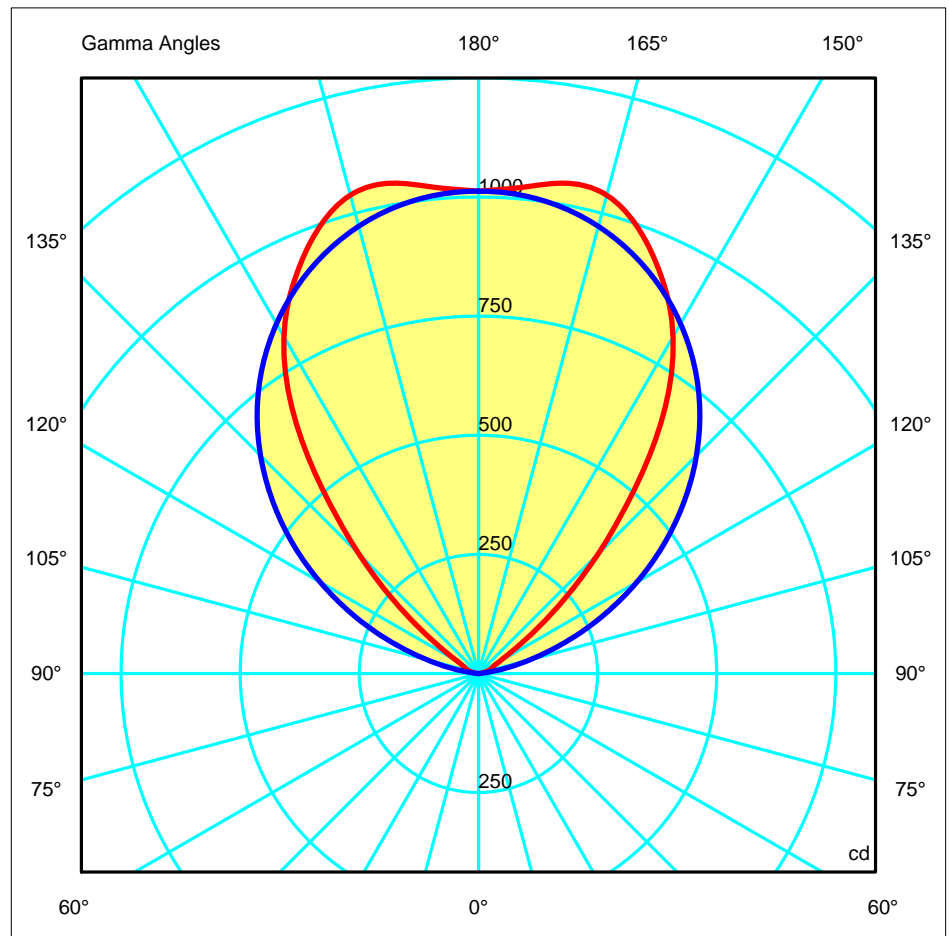
<b>Luminaire</b>		<b>Measur.</b>		<b>Lamp</b>		
Code	55-9265-Y4	Code	IF070011	Code	T16 39/840	
Name	GEA	Name	GEA	Number	1	
Line	Eulumdat	Date	29-04-1994	Position		
Efficiency	61.09%	Coordinate system	CG	Total Flux	3500.00 lm	
Maximum value	1045.10 cd	Position	C=0.00 G=170.00	Double Symmetrical		
Rectangular Luminaire	Length	950 mm	Width	110 mm	Height	89 mm
Rectangular Luminous Area	Length	55 mm	Width	860 mm	Height	0 mm
Horizontal Luminous Area	0.047300 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°		0.011443 m2		
Symmetry Type	Double Symmetrical	Maximum Gamma Angle		180		
Measurement Distance	0.00	Measurement Flux		3500.00 lm		
Operator		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	T16 39/840	T16 39/840 - 39.00 W	3500.00	39.00	1	
C.I.E.	0 0 0 0 61	D DIN 5040				
F UTE	0.61 T	B NBN				BZ 10

950mm x 110mm



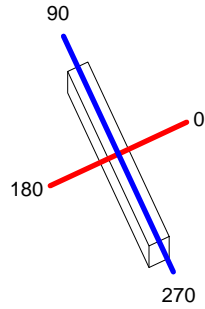
ULOR      61.09 %  
 DLOR      0.00 %  
 RN        100.00 %



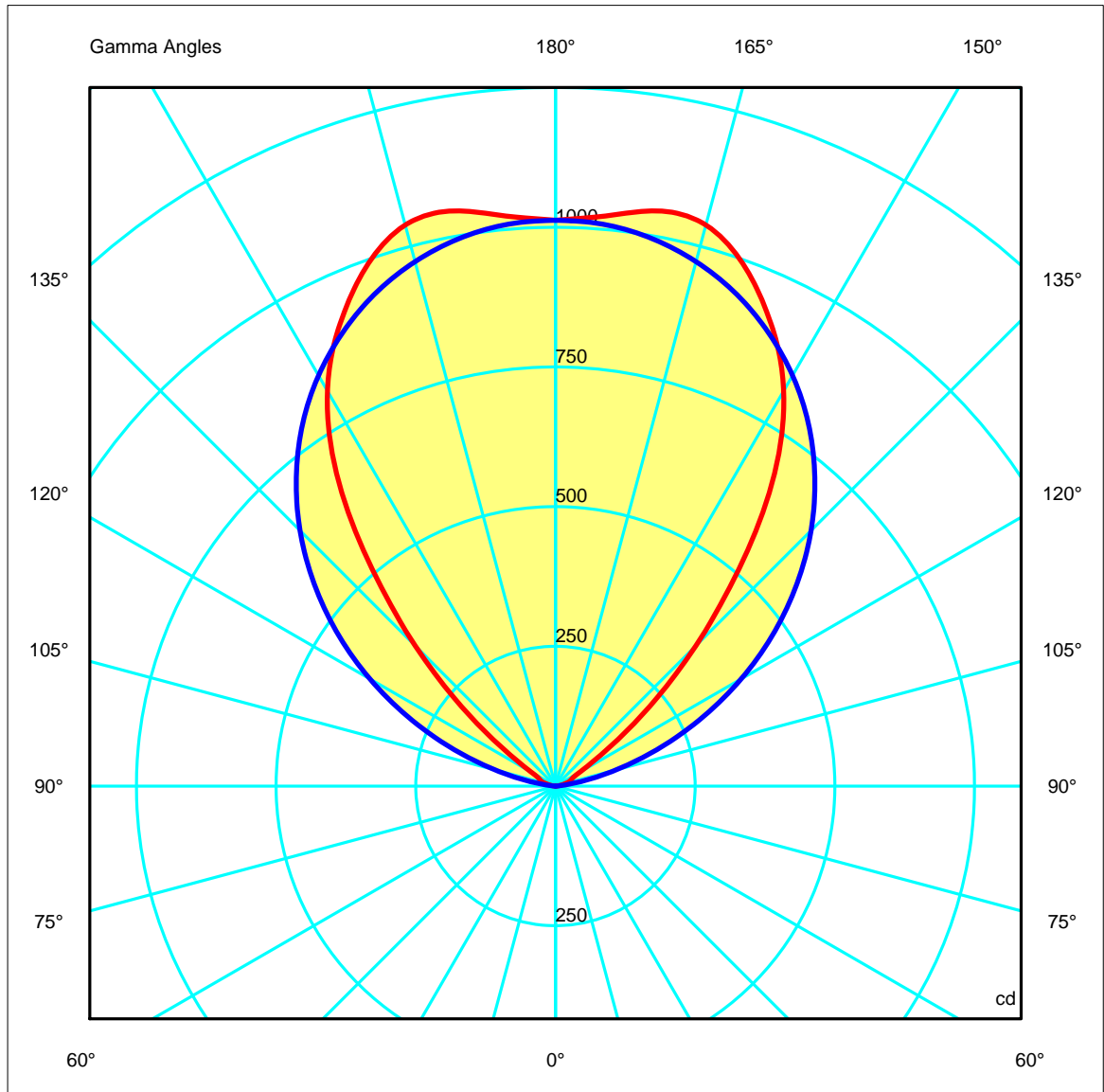
<b>Luminaire</b>		<b>Measur.</b>		<b>Lamp</b>	
Code	55-9265-Y4	Code	IF070011	Code	T16 39/840
Name	GEA	Name	GEA	Number	1
Line	Eulumdat	Date	29-04-1994	Position	
Efficiency	61.09%	Coordinate system	CG	Total Flux	3500.00 lm

950mm x 110mm

C Halfplanes



180.0 ——— 0.0  
 270.0 ——— 90.0

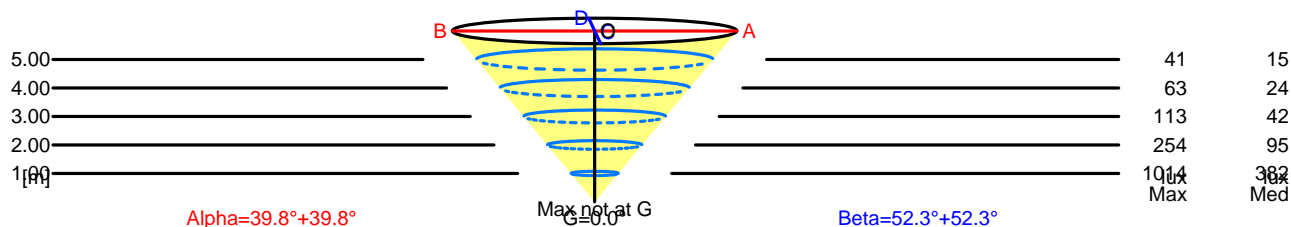


<b>Luminaire</b>		<b>Measur.</b>		<b>Lamp</b>	
Code	55-9265-Y4	Code	IF070011	Code	T16 39/840
Name	GEA	Name	GEA	Number	1
Line	Eulumdat	Date	29-04-1994	Position	
Efficiency	61.09%	Coordinate system	CG	Total Flux	3500.00 lm

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	0.83	1.66	2.50	3.33	4.16	OC	1.30	2.59	3.89	5.18	6.48
OB	0.83	1.66	2.50	3.33	4.16	OD	1.30	2.59	3.89	5.18	6.48

	Luminous Intensities [ cd ]									
	0	5	15	25	35	45	55	65	75	85
OA	1012.55	1024.10	1039.50	912.45	682.85	355.25	107.10	33.25	19.25	2.80
OB	1012.55	1024.10	1039.50	912.45	682.85	355.25	107.10	33.25	19.25	2.80
OC	1012.55	1008.70	971.60	897.75	789.60	646.80	476.35	289.10	112.35	6.30
OD	1012.55	1008.70	971.60	897.75	789.60	646.80	476.35	289.10	112.35	6.30



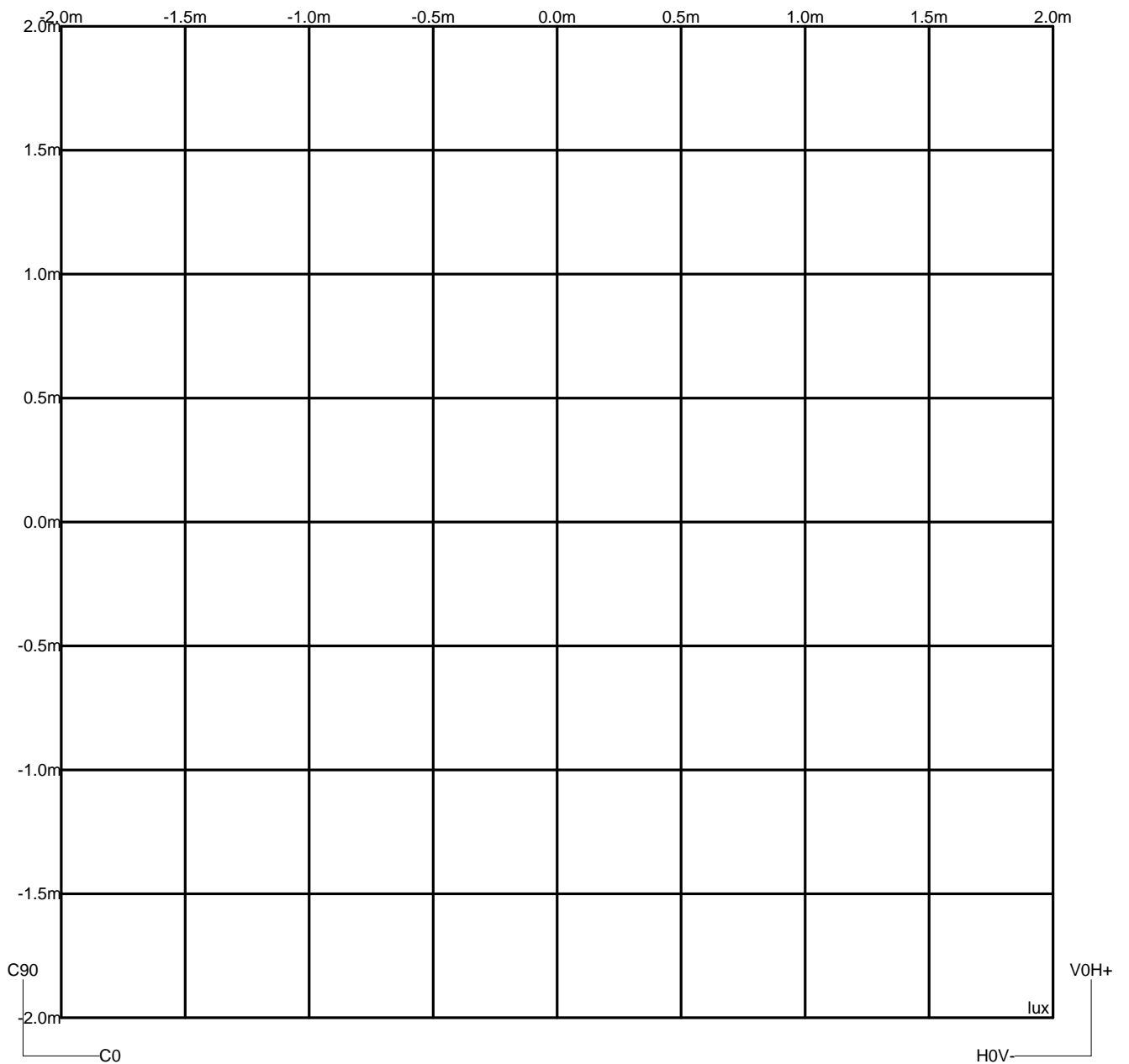
5.00	8.32	41	15	
4.00	6.66	63	24	
3.00	4.99	113	42	
2.00	3.33	254	95	
1.00	1.66	1014	382	
H[m]	D[m]	Max lux	Med lux	

5.00	12.95	41	15	
4.00	10.36	63	24	
3.00	7.77	113	42	
2.00	5.18	254	95	
1.00	2.59	1014	382	
H[m]	D[m]	Max lux	Med lux	

<b>Luminaire</b>		<b>Measur.</b>		<b>Lamp</b>	
Code	55-9265-Y4	Code	IF070011	Code	T16 39/840
Name	GEA	Name	GEA	Number	1
Line	Eulumdat	Date	29-04-1994	Position	
Efficiency	61.09%	Coordinate system	CG	Total Flux	3500.00 lm

Isolux (Floor)

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



**Luminaire**  
 Code 55-9265-Y4  
 Name GEA  
 Line Eulumdat

**Measur.**  
 Code IF070011  
 Name GEA  
 Date 29-04-1994

**Lamp**  
 Code T16 39/840  
 Number 1  
 Position

Efficiency 61.09%

Coordinate system CG

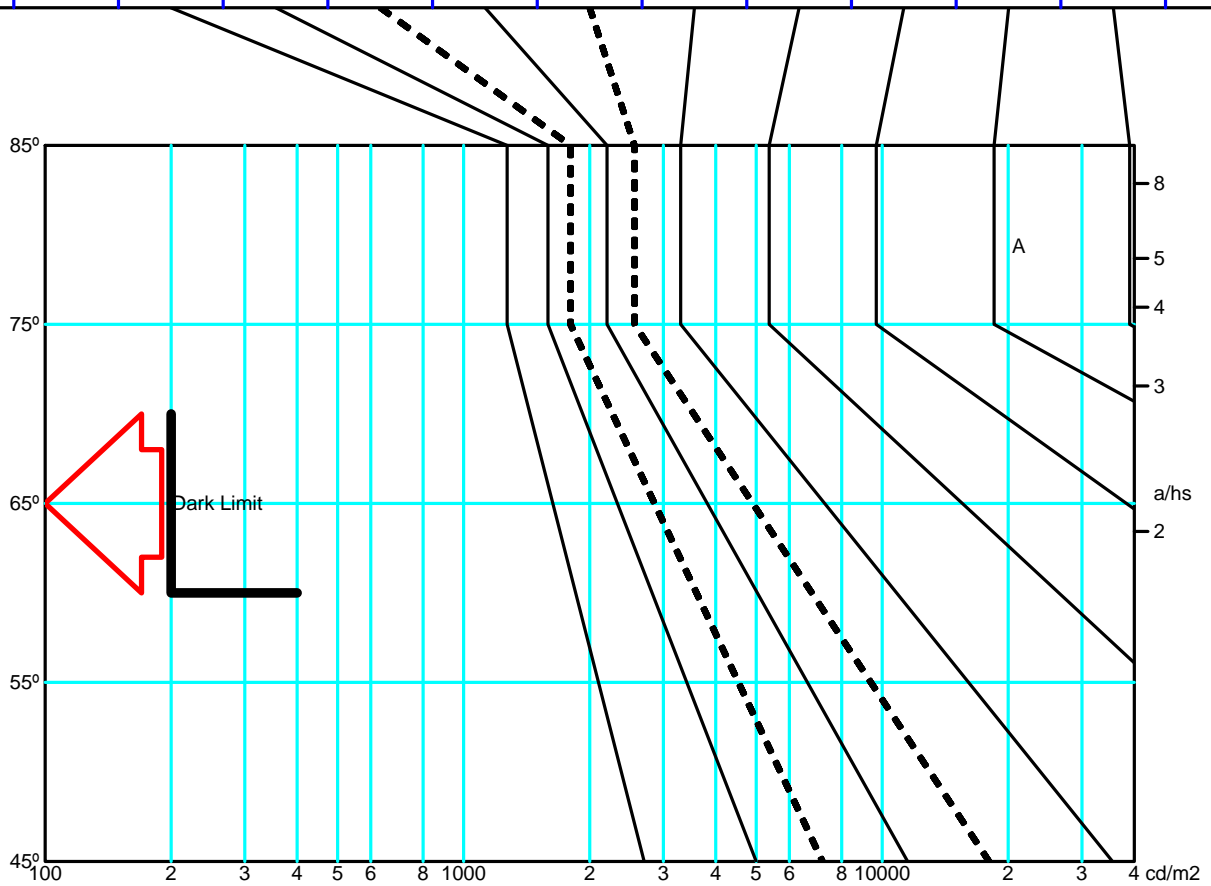
Total Flux 3500.00 lm

Average Luminance [cd/m<sup>2</sup>]

0.0°    45°    50°    55°    60°    65°    70°    75°    80°    85°    ---

Flush mounted or longitudinal view

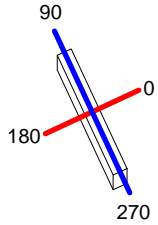
		Illumination(lx)										
A	A	2000	1000	750	500		<300					1.15
B	1		2000	1500	1000	750	500	<300				1.5
C					2000		1000	500	<300			1.85
D	2						2000	1000	500	<300		2.2
E	3							2000	1000	500	<300	2.55



Transversal —————

<b>Luminaire</b>		<b>Measur.</b>		<b>Lamp</b>	
Code	55-9265-Y4	Code	IF070011	Code	T16 39/840
Name	GEA	Name	GEA	Number	1
Line	Eulumdat	Date	29-04-1994	Position	
Efficiency	61.09%	Coordinate system	CG	Total Flux	3500.00 lm

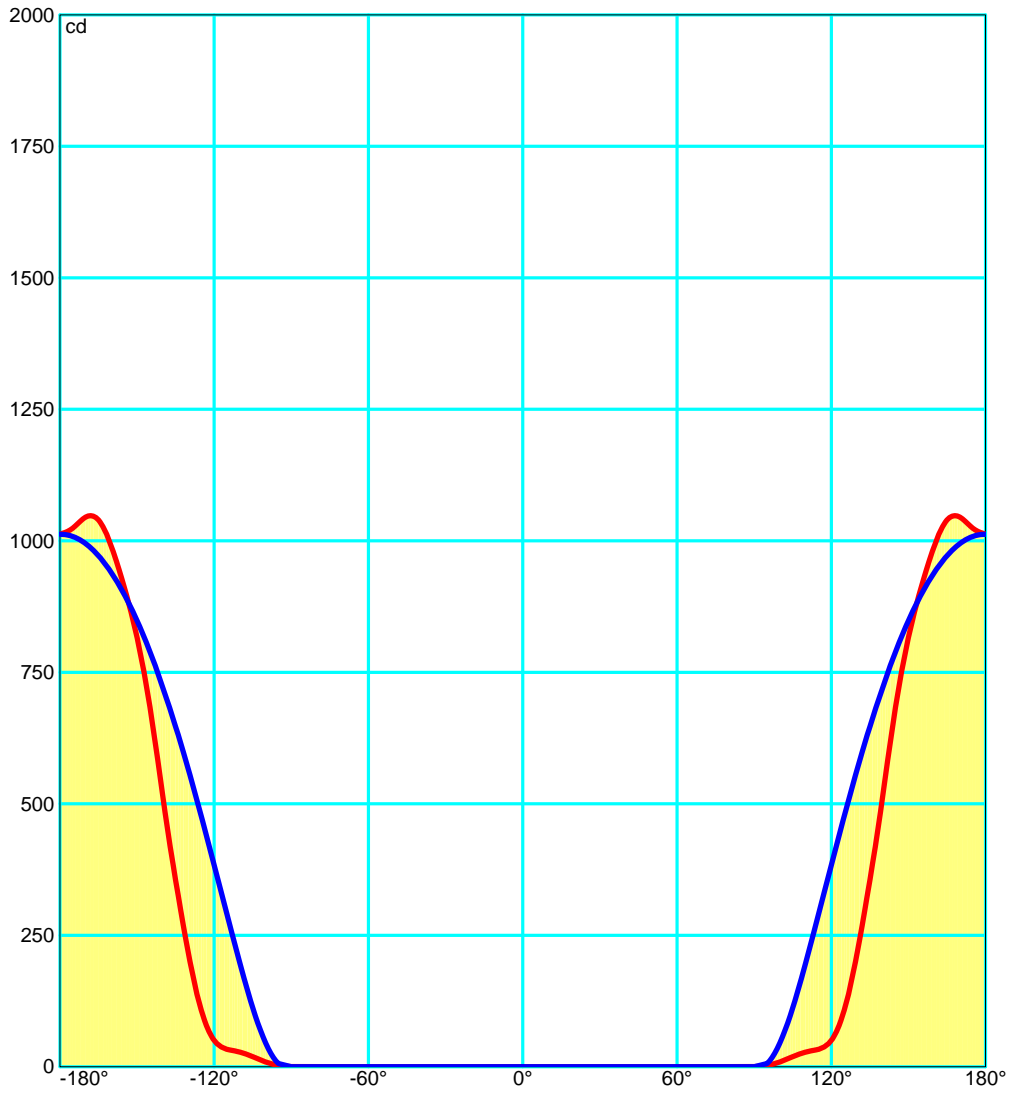
950mm x 110mm



**C Halfplanes**

180.0 ——— 0.0

270.0 ——— 90.0



<b>Luminaire</b>		<b>Measur.</b>		<b>Lamp</b>	
Code	55-9265-Y4	Code	IF070011	Code	T16 39/840
Name	GEA	Name	GEA	Number	1
Line	Eulumdat	Date	29-04-1994	Position	
Efficiency	61.09%	Coordinate system	CG	Total Flux	3500.00 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	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=2H y=3H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=2H y=4H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=2H y=6H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=2H y=8H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=2H y=12H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=4H y=2H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=4H y=3H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=4H y=4H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=4H y=6H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=4H y=8H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=4H y=12H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=8H y=4H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=8H y=6H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=8H y=8H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=8H y=12H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=12H y=4H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=12H y=6H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=12H y=8H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0



**Luminaire**  
 Code 55-9265-Y4  
 Name GEA  
 Line Eulumdat

**Measur.**  
 Code IF070011  
 Name GEA  
 Date 29-04-1994

**Lamp**  
 Code T16 39/840  
 Number 1  
 Position

Efficiency 61.09%      Coordinate system CG      Total Flux 3500.00 lm

Total Flux=3500.00 Luminaire Flux=2138.10

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.06	0.11	0.30	0.50
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)	0	0	0	0	0	0	0	0	0	2	15	50	125	242	379	501	583	611

CIE Flux Codes

0 0 0 0 61

C.I.E.                                    -/-/-/-/-/-/-/-/

D DIN 5040                            --

F UTE                                     0.61 T

B NBN                                    BZ 10

RN                                        99.99664 %

BLF                                        1.0

LOR                                      61.08864 %

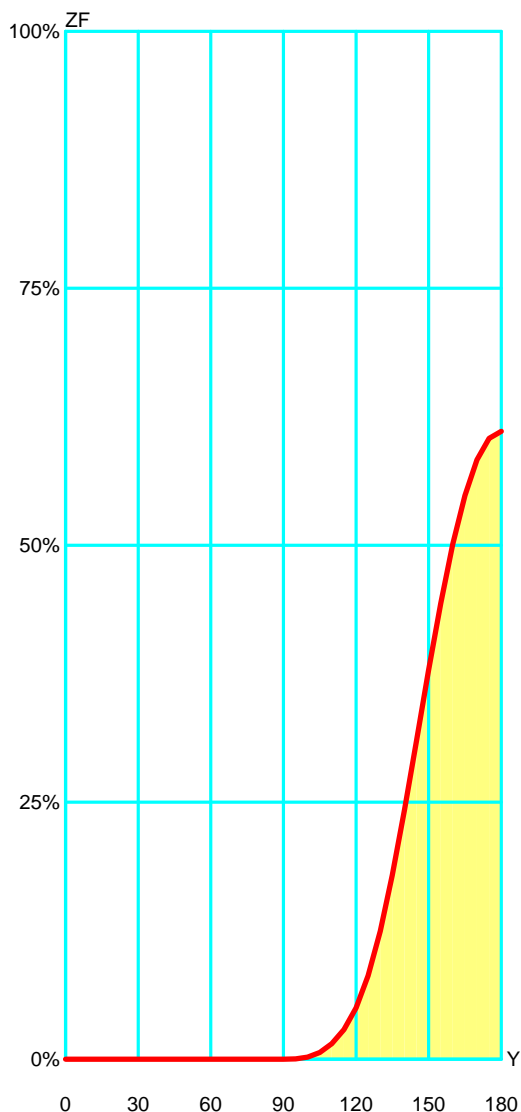
ULOR                                    61.08659 %

DLOR                                    0.00205 %

UFF                                      99.99664 %

DFF                                      0.00336 %

FFR                                      2974669.53974 %



Zonal Flux				
Gamma °	Flux	Sum lm	Flux [%]	Sum [%]
0°	0.00	0.00	0.00 %	0.00 %
5°	0.00	0.00	0.00 %	0.00 %
10°	0.00	0.00	0.00 %	0.00 %
15°	0.00	0.00	0.00 %	0.00 %
20°	0.00	0.00	0.00 %	0.00 %
25°	0.00	0.00	0.00 %	0.00 %
30°	0.00	0.00	0.00 %	0.00 %
35°	0.00	0.00	0.00 %	0.00 %
40°	0.00	0.00	0.00 %	0.00 %
45°	0.00	0.00	0.00 %	0.00 %
50°	0.00	0.00	0.00 %	0.00 %
55°	0.00	0.00	0.00 %	0.00 %
60°	0.00	0.00	0.00 %	0.00 %
65°	0.00	0.00	0.00 %	0.00 %
70°	0.00	0.00	0.00 %	0.00 %
75°	0.00	0.00	0.00 %	0.00 %
80°	0.00	0.00	0.00 %	0.00 %
85°	0.00	0.00	0.00 %	0.00 %
90°	0.02	0.02	0.00 %	0.00 %
95°	0.31	0.33	0.05 %	0.05 %
100°	1.71	2.03	0.28 %	0.33 %
105°	4.56	6.59	0.75 %	1.08 %
110°	8.49	15.08	1.39 %	2.47 %
115°	13.71	28.79	2.24 %	4.71 %
120°	21.20	49.99	3.47 %	8.18 %
125°	31.37	81.37	5.14 %	13.32 %
130°	43.14	124.50	7.06 %	20.38 %
135°	54.54	179.04	8.93 %	29.31 %
140°	63.25	242.30	10.35 %	39.66 %
145°	67.98	310.27	11.13 %	50.79 %
150°	68.46	378.74	11.21 %	62.00 %
155°	64.84	443.57	10.61 %	72.61 %
160°	57.60	501.18	9.43 %	82.04 %
165°	47.29	548.46	7.74 %	89.78 %
170°	34.63	583.10	5.67 %	95.45 %
175°	20.86	603.96	3.41 %	98.87 %
180°	6.93	610.89	1.13 %	100.00 %