

#### Luminaire

Code M22847-3-A-E  
Name M22 845 mm 3000K CRI95 LENTE 20°

#### Measurem.

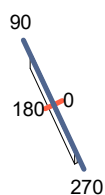
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Luminaire Flux	1166 lm	Luminaire Power	16.1 W	Efficacy	72.441 lm/W	Efficiency	100.00%
Source Flux	1166 lm	Maximum value	4106.70 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical
Rectangular Luminaire		Length	845 mm	Width	22 mm	Height	25 mm
Rectangular Luminous Area		Length	830 mm	Width	14 mm	Height	0 mm
Horizontal Luminous Area		0.011620 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°		0.002811 m2	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		24-09-2018		Maximum Gamma Angle		90	
Measurement Distance		0.00		Measurement Flux		1166 lm	
Operator		1.18.27		Rated Voltage			
Temperature				Rated Current			
Humidity				Photocell			
Notes							

#### Luminaire Sources

Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty
LED	LED		1166.30	16.10	1
C.I.E.	92 98 100 100 100	D DIN 5040	A60		
F UTE	1.00 A	B NBN	BZ 1		

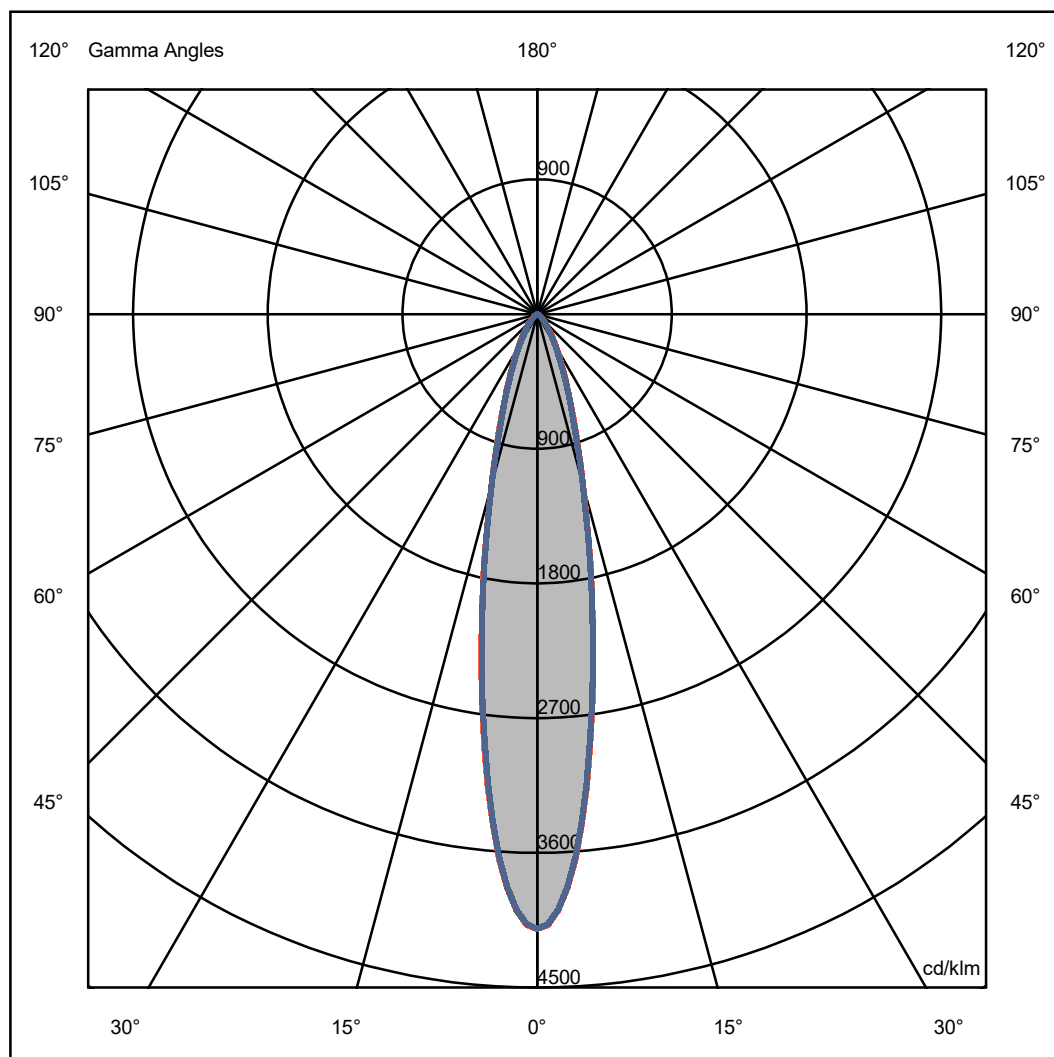
845mm x 22mm



C Halfplanes

180.0 — 0.0  
270.0 — 90.0

ULOR 0.00 %  
DLOR 100.00 %  
RN 0.00 %



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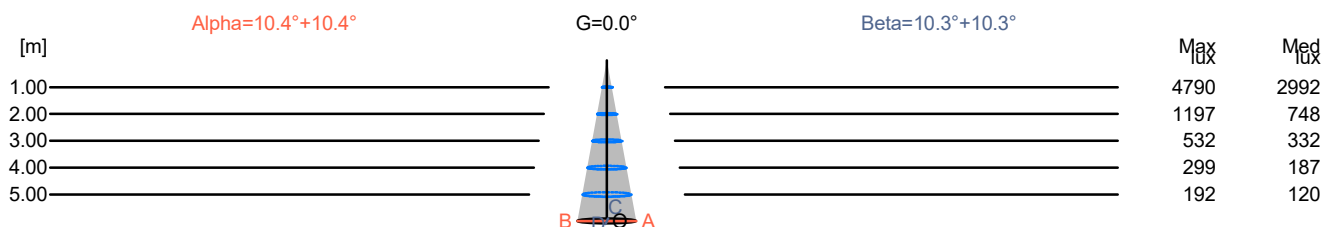
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Width at 50.00 % of Max Intensity

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	0.18	0.37	0.55	0.73	0.92	OC	0.18	0.36	0.55	0.73	0.91
OB	0.18	0.37	0.55	0.73	0.92	OD	0.18	0.36	0.55	0.73	0.91

	0	5	15	25	35	45	55	65	75	85
OA	4789.64	3991.20	1380.20	472.21	182.15	72.62	31.60	14.87	5.93	0.21
OB	4789.64	3991.20	1380.20	472.21	182.15	72.62	31.60	14.87	5.93	0.21
OC	4789.64	3969.39	1364.69	454.38	167.01	66.42	30.13	14.55	5.92	0.09
OD	4789.64	3969.39	1364.69	454.38	167.01	66.42	30.13	14.55	5.92	0.09



H[m]	D[m]	Max lux	Med lux	Alpha=10.4°+10.4°	G=0.0
1.00	0.37	4790	2992		
2.00	0.73	1197	748		
3.00	1.10	532	332		
4.00	1.47	299	187		
5.00	1.83	192	120		

H[m]	D[m]	Max lux	Med lux	Beta=10.3°+10.3°	G=0.0
1.00	0.36	4790	2992		
2.00	0.73	1197	748		
3.00	1.09	532	332		
4.00	1.46	299	187		
5.00	1.82	192	120		

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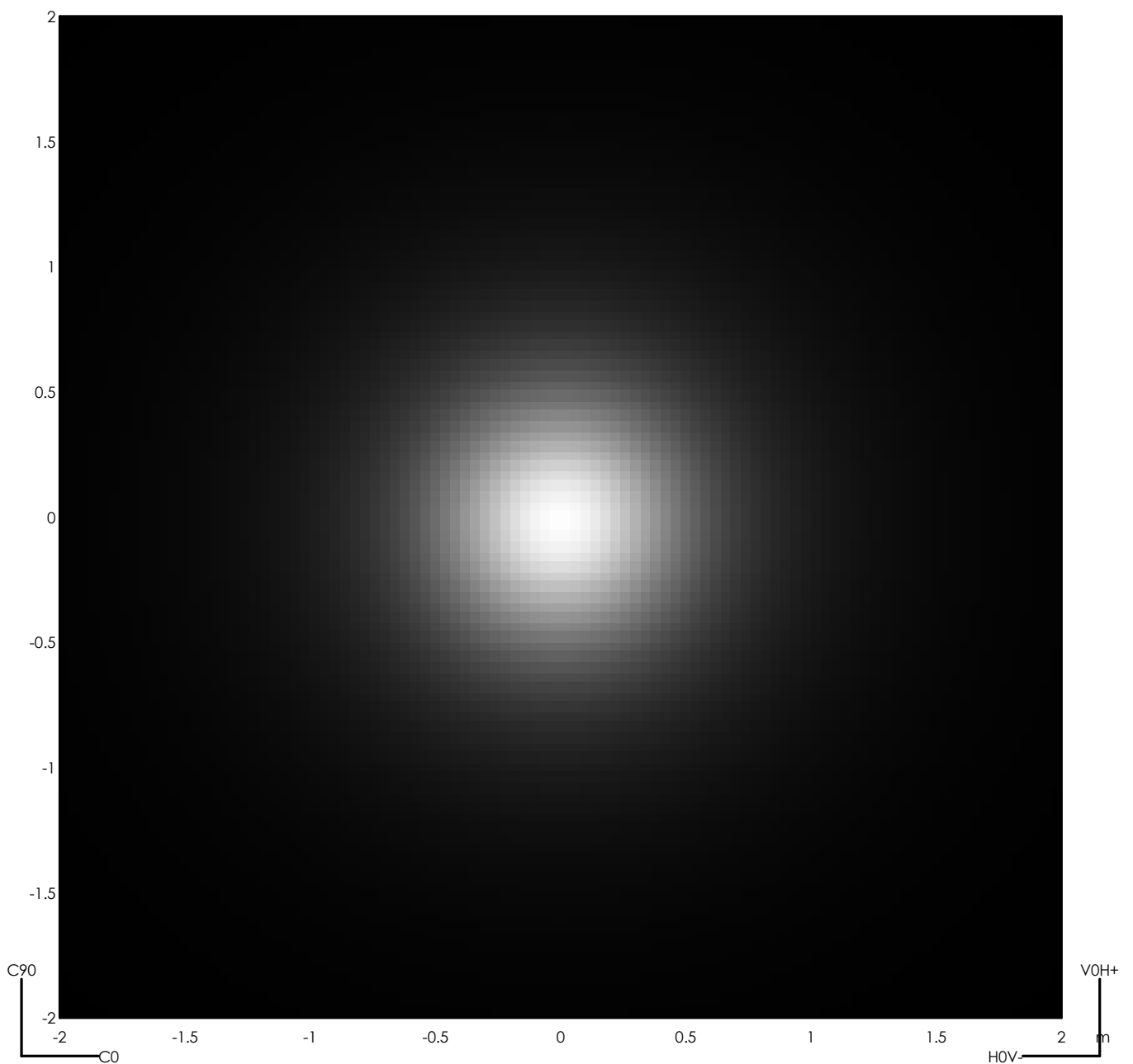
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Isolux (Floor)

Luminaire position X=0.00m Y=0.00m Z=2.50m



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**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
Working Plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room Dimensions	Lateral View					Viewed Endwise				
x=2H y=2H	13.8	14.5	14.1	14.7	14.9	13.5	14.2	13.7	14.4	14.6
x=2H y=3H	14.1	14.8	14.4	15.0	15.3	13.8	14.5	14.1	14.7	15.0
x=2H y=4H	14.2	14.9	14.5	15.1	15.4	13.9	14.6	14.2	14.8	15.1
x=2H y=6H	14.2	14.8	14.6	15.1	15.4	14.0	14.5	14.3	14.8	15.1
x=2H y=8H	14.2	14.8	14.5	15.0	15.3	13.9	14.5	14.3	14.8	15.1
x=2H y=12H	14.2	14.7	14.5	15.0	15.3	13.9	14.4	14.2	14.7	15.0
x=4H y=2H	13.9	14.5	14.2	14.8	15.0	13.6	14.2	13.9	14.5	14.7
x=4H y=3H	14.3	14.9	14.7	15.2	15.5	14.1	14.6	14.4	14.9	15.2
x=4H y=4H	14.5	14.9	14.9	15.3	15.6	14.3	14.7	14.6	15.0	15.4
x=4H y=6H	14.5	14.9	14.9	15.3	15.7	14.3	14.7	14.7	15.0	15.4
x=4H y=8H	14.5	14.9	14.9	15.2	15.6	14.3	14.6	14.7	15.0	15.4
x=4H y=12H	14.5	14.8	14.9	15.2	15.6	14.2	14.5	14.7	14.9	15.4
x=8H y=4H	14.5	14.8	14.9	15.2	15.6	14.3	14.6	14.7	15.0	15.4
x=8H y=6H	14.6	14.8	15.0	15.2	15.7	14.3	14.6	14.8	15.0	15.5
x=8H y=8H	14.5	14.8	15.0	15.2	15.7	14.3	14.5	14.8	15.0	15.4
x=8H y=12H	14.5	14.7	15.0	15.1	15.6	14.3	14.4	14.7	14.9	15.4
x=12H y=4H	14.5	14.8	14.9	15.2	15.6	14.2	14.5	14.7	14.9	15.4
x=12H y=6H	14.5	14.7	15.0	15.2	15.7	14.3	14.5	14.8	15.0	15.4
x=12H y=8H	14.5	14.7	15.0	15.2	15.6	14.3	14.5	14.8	14.9	15.4

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	45°	50°	55°	60°	Average Luminance		75°	80°	85°	
0.0°	8838	6367	4741	3713	65°	3028	2546	1973	1099	204
90.0°	8083	5938	4521	3595	70°	2963	2502	1968	1034	94

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

