

Luminaire

Code M22847-3-U-E
Name M22 845 mm 3000K CRI95 UGR

Measurem.

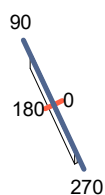
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Luminaire Flux	1239 lm	Luminaire Power	16.1 W	Efficacy	76.944 lm/W	Efficiency	100.00%
Source Flux	1239 lm	Maximum value	969.82 cd/klm	Position	C=90.00 G=2.00	CG	Double Symmetrical
Rectangular Luminaire		Length	845 mm	Width	22 mm	Height	25 mm
Rectangular 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		22-11-2018		Maximum Gamma Angle		90	
Measurement Distance		0.00		Measurement Flux		1239 lm	
Operator		5.46.25		Rated Voltage			
Temperature				Rated Current			
Humidity				Photocell			
Notes							

Luminaire Sources

Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty
LED	LED		1238.80	16.10	1
C.I.E.	96 100 100 100 100	D DIN 5040	A60		
F UTE	1.00 A	B NBN	BZ 1		

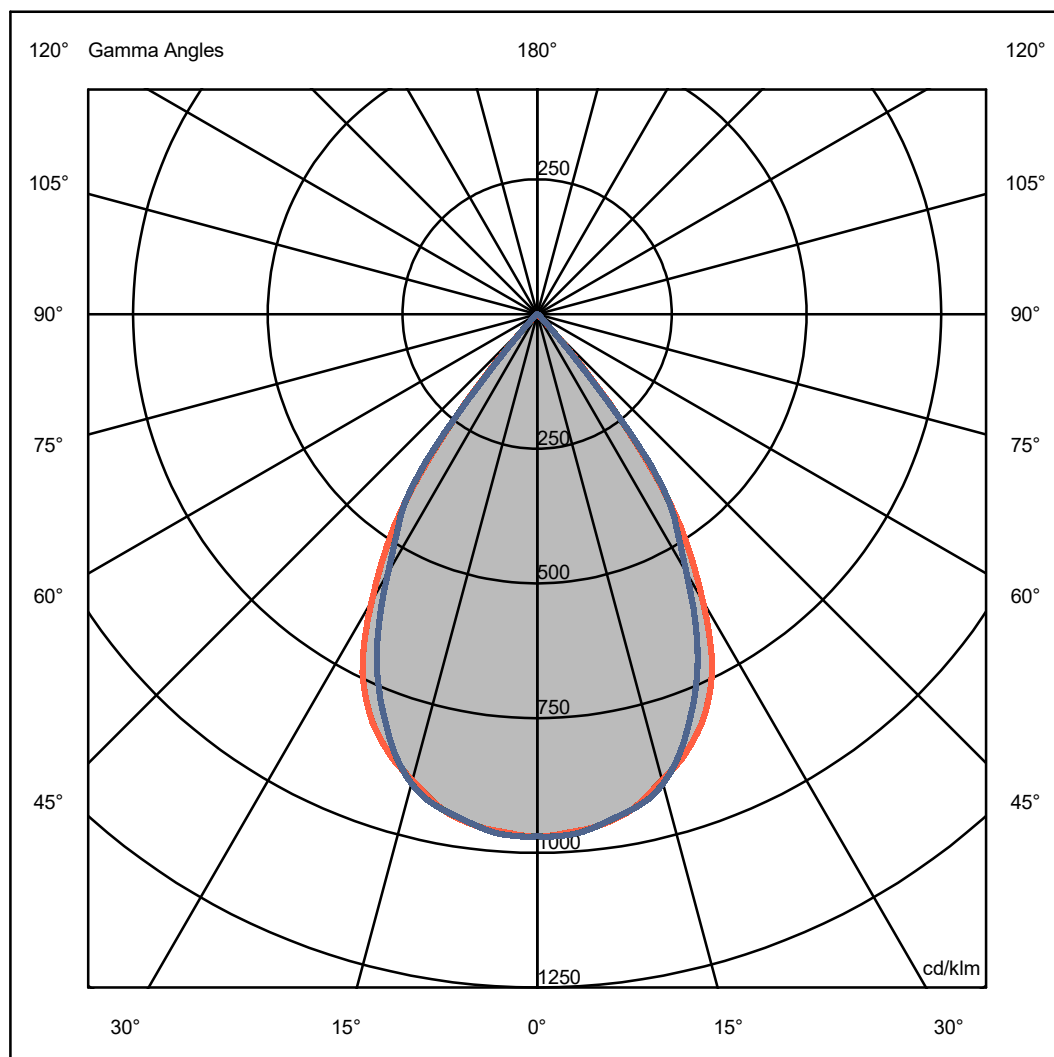
845mm x 22mm



C Halfplanes

180.0 — 0.0
270.0 — 90.0

ULOR 0.00 %
DLOR 100.00 %
RN 0.00 %



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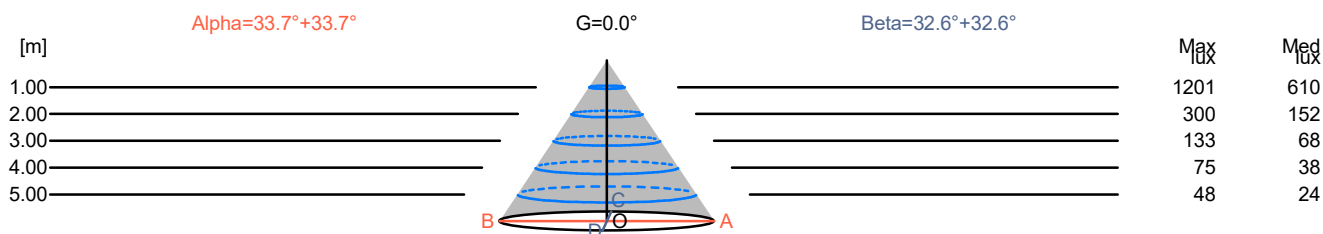
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Width at 50.00 % of Max Intensity

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	0.67	1.33	2.00	2.67	3.34	OC	0.64	1.28	1.92	2.56	3.20
OB	0.67	1.33	2.00	2.67	3.34	OD	0.64	1.28	1.92	2.56	3.20

	0	5	15	25	35	45	55	65	75	85
OA	1200.99	1190.39	1109.40	943.92	535.30	14.20	3.06	1.61	0.79	0.08
OB	1200.99	1190.39	1109.40	943.92	535.30	14.20	3.06	1.61	0.79	0.08
OC	1200.99	1194.71	1117.63	873.35	531.86	24.91	6.54	3.22	1.60	0.08
OD	1200.99	1194.71	1117.63	873.35	531.86	24.91	6.54	3.22	1.60	0.08



H[m]	D[m]	Max lux	Med lux	Alpha=33.7°+33.7°	G=0.0
1.00	1.33	1201	610		
2.00	2.67	300	152		
3.00	4.00	133	68		
4.00	5.34	75	38		
5.00	6.67	48	24		

H[m]	D[m]	Max lux	Med lux	Beta=32.6°+32.6°	G=0.0
1.00	1.28	1201	610		
2.00	2.56	300	152		
3.00	3.84	133	68		
4.00	5.12	75	38		
5.00	6.40	48	24		

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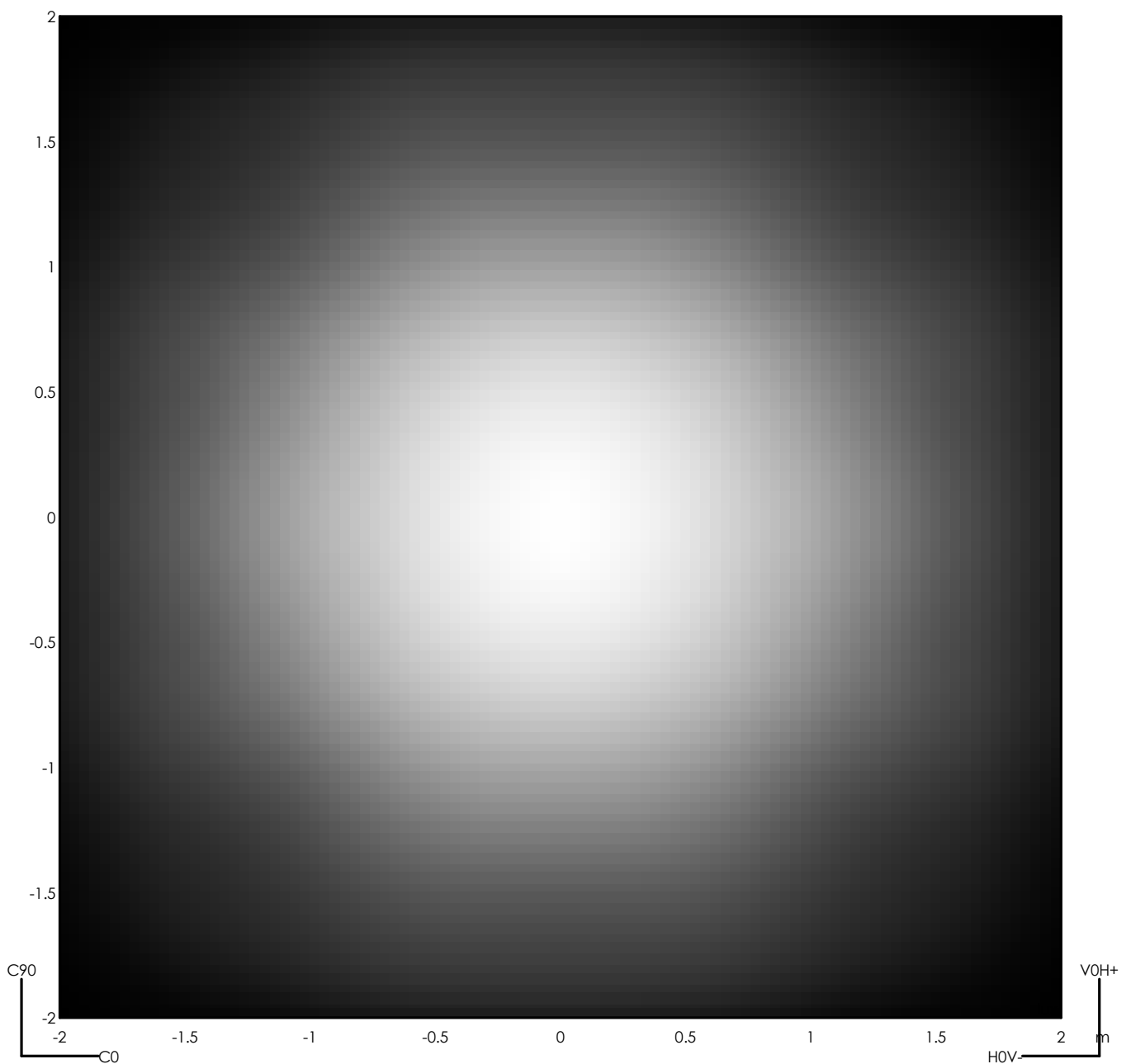
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Isolux (Floor)

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										
Room Dimensions	Lateral View					Viewed Endwise				
x=2H y=2H	18.1	18.7	18.3	18.9	19.1	17.9	18.5	18.1	18.7	18.9
x=2H y=3H	17.9	18.5	18.2	18.8	19.0	17.7	18.3	18.0	18.6	18.8
x=2H y=4H	17.9	18.4	18.2	18.7	18.9	17.7	18.2	18.0	18.5	18.7
x=2H y=6H	17.8	18.3	18.1	18.6	18.9	17.6	18.1	17.9	18.4	18.7
x=2H y=8H	17.8	18.3	18.1	18.5	18.8	17.6	18.1	17.9	18.4	18.6
x=2H y=12H	17.7	18.2	18.1	18.5	18.8	17.5	18.0	17.9	18.3	18.6
x=4H y=2H	17.9	18.4	18.2	18.7	18.9	17.7	18.2	18.0	18.5	18.7
x=4H y=3H	17.7	18.2	18.1	18.5	18.8	17.5	18.0	17.9	18.3	18.6
x=4H y=4H	17.6	18.0	18.0	18.4	18.7	17.4	17.9	17.8	18.2	18.5
x=4H y=6H	17.6	17.9	18.0	18.3	18.6	17.4	17.7	17.8	18.1	18.5
x=4H y=8H	17.5	17.8	17.9	18.2	18.6	17.3	17.6	17.7	18.0	18.4
x=4H y=12H	17.5	17.7	17.9	18.1	18.6	17.3	17.6	17.7	18.0	18.4
x=8H y=4H	17.5	17.8	17.9	18.2	18.6	17.3	17.6	17.7	18.0	18.4
x=8H y=6H	17.4	17.7	17.9	18.1	18.5	17.3	17.5	17.7	17.9	18.3
x=8H y=8H	17.4	17.6	17.9	18.0	18.5	17.2	17.4	17.7	17.8	18.3
x=8H y=12H	17.3	17.5	17.8	17.9	18.4	17.1	17.3	17.6	17.8	18.2
x=12H y=4H	17.5	17.7	17.9	18.1	18.6	17.3	17.6	17.7	18.0	18.4
x=12H y=6H	17.4	17.6	17.9	18.0	18.5	17.2	17.4	17.7	17.8	18.3
x=12H y=8H	17.3	17.5	17.8	17.9	18.4	17.1	17.3	17.6	17.8	18.2

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	45°	50°	55°	60°	Average Luminance		75°	80°	85°	
0.0°	1728	643	459	378	65°	329	293	262	214	74
90.0°	3032	1436	981	775	70°	656	582	532	382	74

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

