

#### Luminaire

Code M22847-5-M-E  
Name M22 845 mm 3000K CRI90 SCHERMO MICROPRISMATO

#### Measurem.

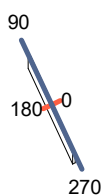
Code M22847-5-M-E  
Name M22 845 mm 3000K CRI90 SCHERMO MICROPRISMATO

Luminaire Flux	1041 lm	Luminaire Power	17.2 W	Efficacy	60.535 lm/W	Efficiency	100.00%
Source Flux	1041 lm	Maximum value	615.49 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	840 mm	Width	22 mm	Height	1 mm
Horizontal Luminous Area		0.018480 m2		Emitting area on Plane 180°		0.000840 m2	
Emitting area on Plane 0°		0.000840 m2		Emitting area on Plane 270°		0.000022 m2	
Emitting area on Plane 90°		0.000022 m2		Glare area at 76°		0.005286 m2	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		10-08-2018		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		1041 lm	
Operator		1.50.22		Rated Voltage			
Temperature				Rated Current			
Humidity				Photocell			
Notes							

#### Luminaire Sources

Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty
	LED	LED	1041.20	17.20	1
C.I.E.	63 88 97 100 100	D DIN 5040	A50		
F UTE	1.00 C	B NBN	BZ 2 / 0.8 / BZ 3		

845mm x 22mm



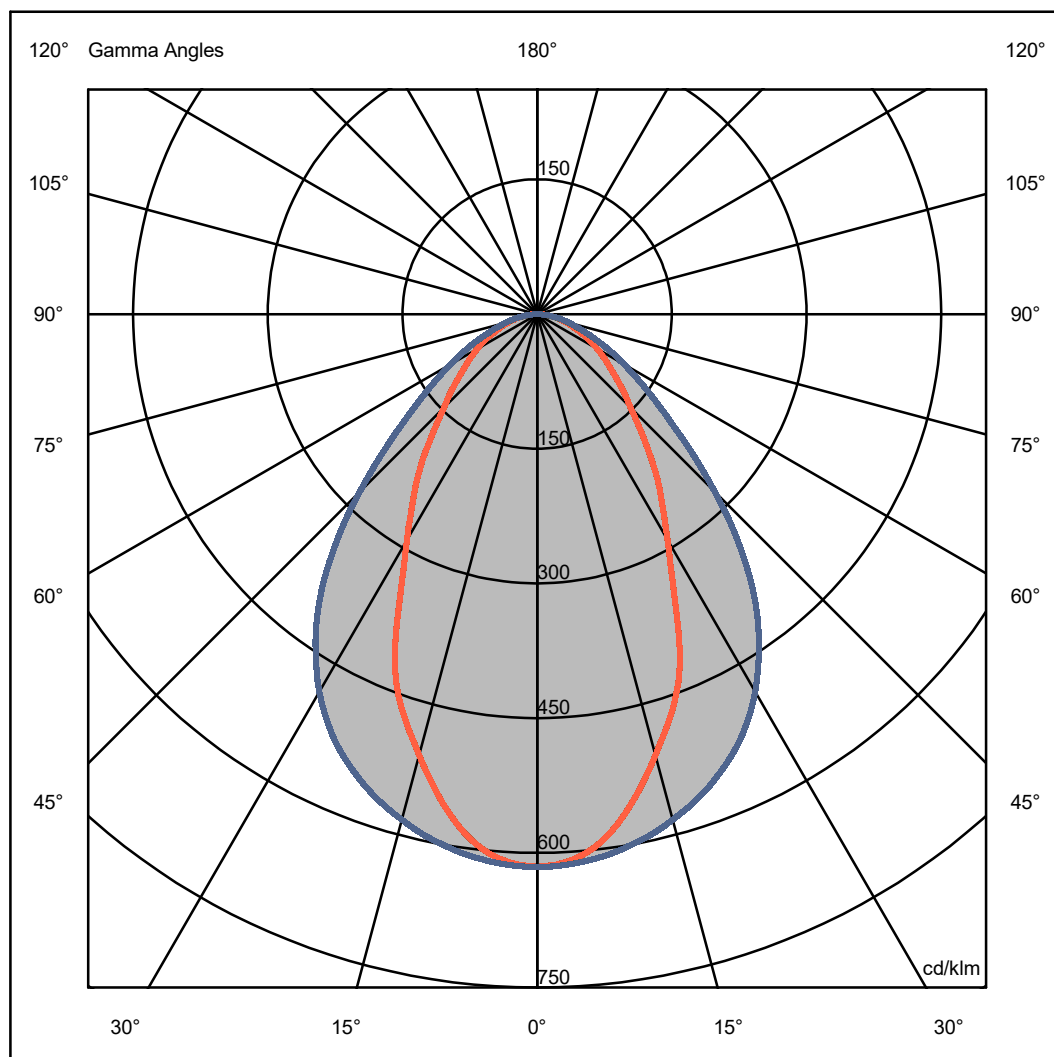
C Halfplanes

180.0 — 0.0  
270.0 — 90.0

ULOR 0.32 %

DLOR 99.68 %

RN 0.32 %



# Luminaire

Code M22847-5-M-E  
Name M22 845 mm 3000K CRI90 SCHERMO MICROPRISMATO

# Measurem.

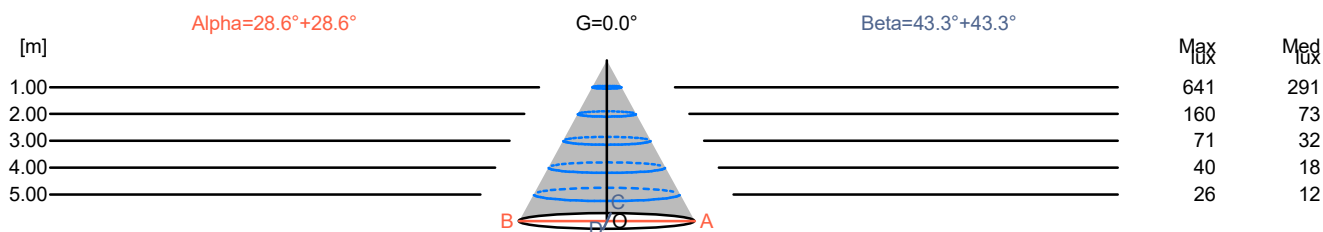
Code M22847-5-M-E  
Name M22 845 mm 3000K CRI90 SCHERMO MICROPRISMATO

Luminaire Flux	1041 lm	Luminaire Power	17.2 W	Efficacy	60.535 lm/W	Efficiency	100.00%
Source Flux	1041 lm	Maximum value	615.49 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	0.55	1.09	1.64	2.18	2.73	OC	0.94	1.89	2.83	3.77	4.71
OB	0.55	1.09	1.64	2.18	2.73	OD	0.94	1.89	2.83	3.77	4.71

	0	5	15	25	35	45	55	65	75	85
OA	640.85	628.24	529.49	382.06	247.22	152.95	99.14	62.06	32.26	12.72
OB	640.85	628.24	529.49	382.06	247.22	152.95	99.14	62.06	32.26	12.72
OC	640.85	636.73	606.89	550.31	447.53	291.34	157.16	83.01	37.67	10.51
OD	640.85	636.73	606.89	550.31	447.53	291.34	157.16	83.01	37.67	10.51



H[m]	D[m]	Max lux	Med lux	Alpha=28.6°+28.6°	G=0.0
1.00	1.09	641	291		
2.00	2.18	160	73		
3.00	3.27	71	32		
4.00	4.37	40	18		
5.00	5.46	26	12		

H[m]	D[m]	Max lux	Med lux	Beta=43.3°+43.3°	G=0.0
1.00	1.89	641	291		
2.00	3.77	160	73		
3.00	5.66	71	32		
4.00	7.54	40	18		
5.00	9.43	26	12		

**Luminaire**

Code M22847-5-M-E  
Name M22 845 mm 3000K CRI90 SCHERMO MICROPRISMATO

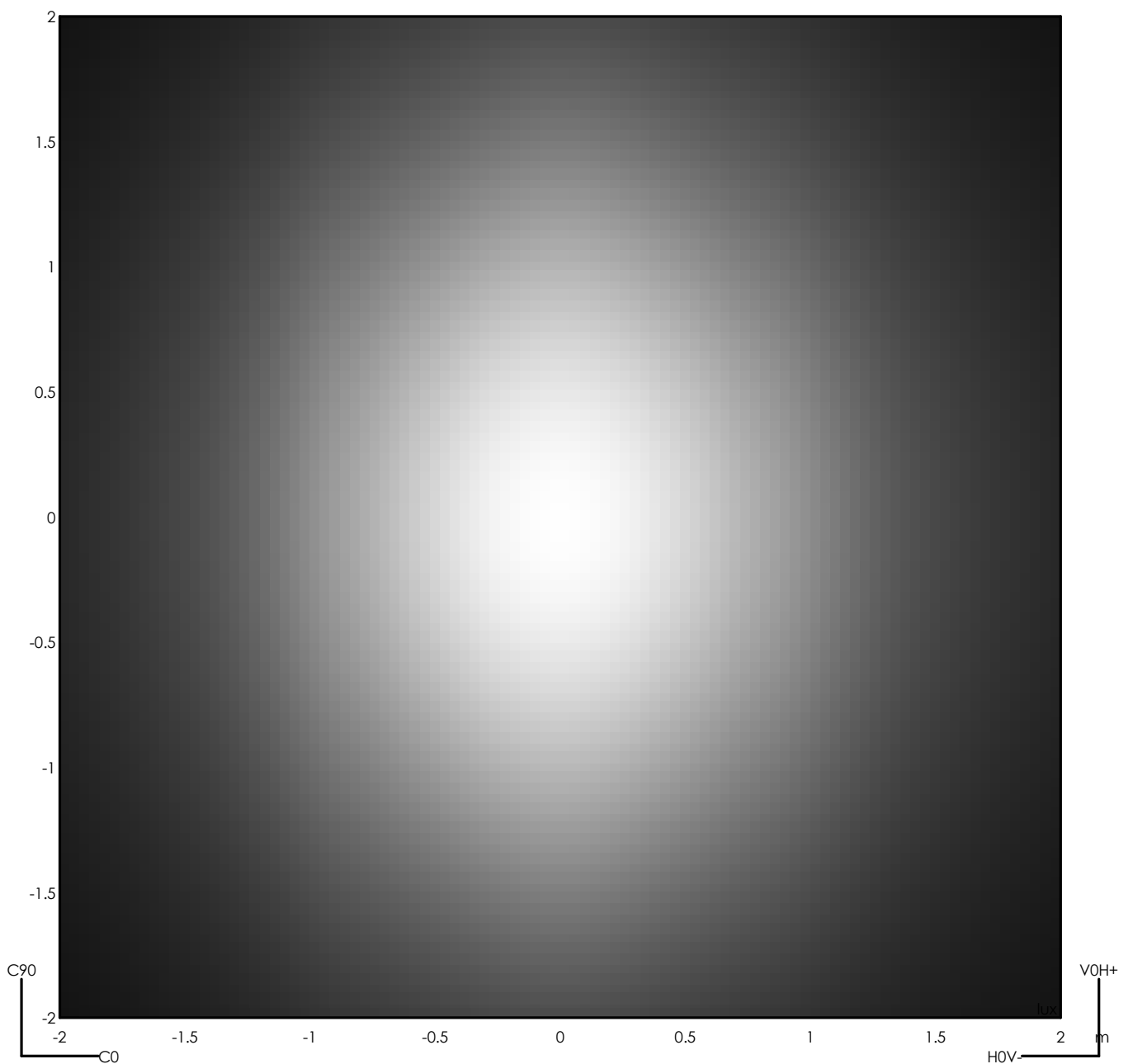
**Measurem.**

Code M22847-5-M-E  
Name M22 845 mm 3000K CRI90 SCHERMO MICROPRISMATO

Luminaire Flux	1041 lm	Luminaire Power	17.2 W	Efficacy	60.535 lm/W	Efficiency	100.00%
Source Flux	1041 lm	Maximum value	615.49 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Isolux (Floor)

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



#### Luminaire

Code M22847-5-M-E  
Name M22 845 mm 3000K CRI90 SCHERMO MICROPRISMATO

#### Measurem.

Code M22847-5-M-E  
Name M22 845 mm 3000K CRI90 SCHERMO MICROPRISMATO

Luminaire Flux	1041 lm	Luminaire Power	17.2 W	Efficacy	60.535 lm/W	Efficiency	100.00%
Source Flux	1041 lm	Maximum value	615.49 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

**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	18.9	19.9	19.1	20.2	20.4	21.5	22.6	21.8	22.8	23.1
x=2H y=3H	19.9	20.9	20.2	21.2	21.4	22.3	23.3	22.6	23.6	23.8
x=2H y=4H	20.3	21.3	20.7	21.6	21.8	22.6	23.5	22.9	23.8	24.1
x=2H y=6H	20.7	21.6	21.1	21.9	22.2	22.9	23.7	23.2	24.0	24.3
x=2H y=8H	20.8	21.7	21.2	22.0	22.3	22.9	23.8	23.3	24.1	24.4
x=2H y=12H	20.9	21.7	21.3	22.0	22.4	23.0	23.8	23.4	24.1	24.4
x=4H y=2H	19.5	20.4	19.8	20.7	21.0	21.7	22.6	22.0	22.9	23.2
x=4H y=3H	20.8	21.6	21.1	21.9	22.2	22.7	23.5	23.0	23.8	24.1
x=4H y=4H	21.4	22.0	21.7	22.4	22.8	23.1	23.8	23.5	24.2	24.5
x=4H y=6H	21.8	22.4	22.2	22.8	23.2	23.5	24.1	23.9	24.5	24.9
x=4H y=8H	22.0	22.6	22.4	23.0	23.4	23.6	24.2	24.1	24.6	25.0
x=4H y=12H	22.2	22.7	22.6	23.1	23.5	23.8	24.3	24.2	24.7	25.1
x=8H y=4H	21.7	22.2	22.1	22.6	23.0	23.3	23.8	23.7	24.2	24.6
x=8H y=6H	22.3	22.7	22.8	23.2	23.6	23.8	24.2	24.2	24.7	25.1
x=8H y=8H	22.6	23.0	23.1	23.4	23.9	24.0	24.4	24.5	24.8	25.3
x=8H y=12H	22.8	23.2	23.3	23.6	24.1	24.2	24.5	24.7	25.0	25.5
x=12H y=4H	21.7	22.2	22.1	22.6	23.1	23.3	23.8	23.7	24.2	24.6
x=12H y=6H	22.4	22.8	22.9	23.2	23.7	23.8	24.2	24.3	24.7	25.2
x=12H y=8H	22.7	23.0	23.2	23.5	24.0	24.1	24.4	24.6	24.9	25.4

**Luminaire**

Code M22847-5-M-E  
 Name M22 845 mm 3000K CRI90 SCHERMO MICROPRISMATO

**Measurem.**

Code M22847-5-M-E  
 Name M22 845 mm 3000K CRI90 SCHERMO MICROPRISMATO

Luminaire Flux	1041 lm	Luminaire Power	17.2 W	Efficacy	60.535 lm/W	Efficiency	100.00%
Source Flux	1041 lm	Maximum value	615.49 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

	45°	50°	55°	60°	Average Luminance		75°	80°	85°	
0.0°	11196	9871	8783	8057	65°	7241	6396	5767	5376	5199
90.0°	22269	17943	14802	12555	70°	10602	8890	7840	7190	6437

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

