

Luminaire

Code M22286-3-U-E
Name M22 285 mm 3000K CRI95 UGR

Measurem.

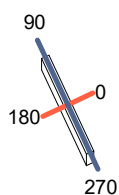
Code M22286-3-U-E
Name M22 285 mm 3000K CRI95 UGR

Luminaire Flux	413 lm	Luminaire Power	5.7 W	Efficacy	72.439 lm/W	Efficiency	100.00%
Source Flux	413 lm	Maximum value	969.82 cd/klm	Position	C=90.00 G=2.00	CG	Double Symmetrical
Rectangular Luminaire		Length	285 mm	Width	22 mm	Height	25 mm
Rectangular Luminous Area		Length	270 mm	Width	14 mm	Height	0 mm
Horizontal Luminous Area		0.003780 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°		0.000914 m2	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		22-11-2018		Maximum Gamma Angle		90	
Measurement Distance		0.00		Measurement Flux		413 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		412.90	5.70	1
C.I.E.	96 100 100 100 100	D DIN 5040	A60		
F UTE	1.00 A	B NBN	BZ 1		

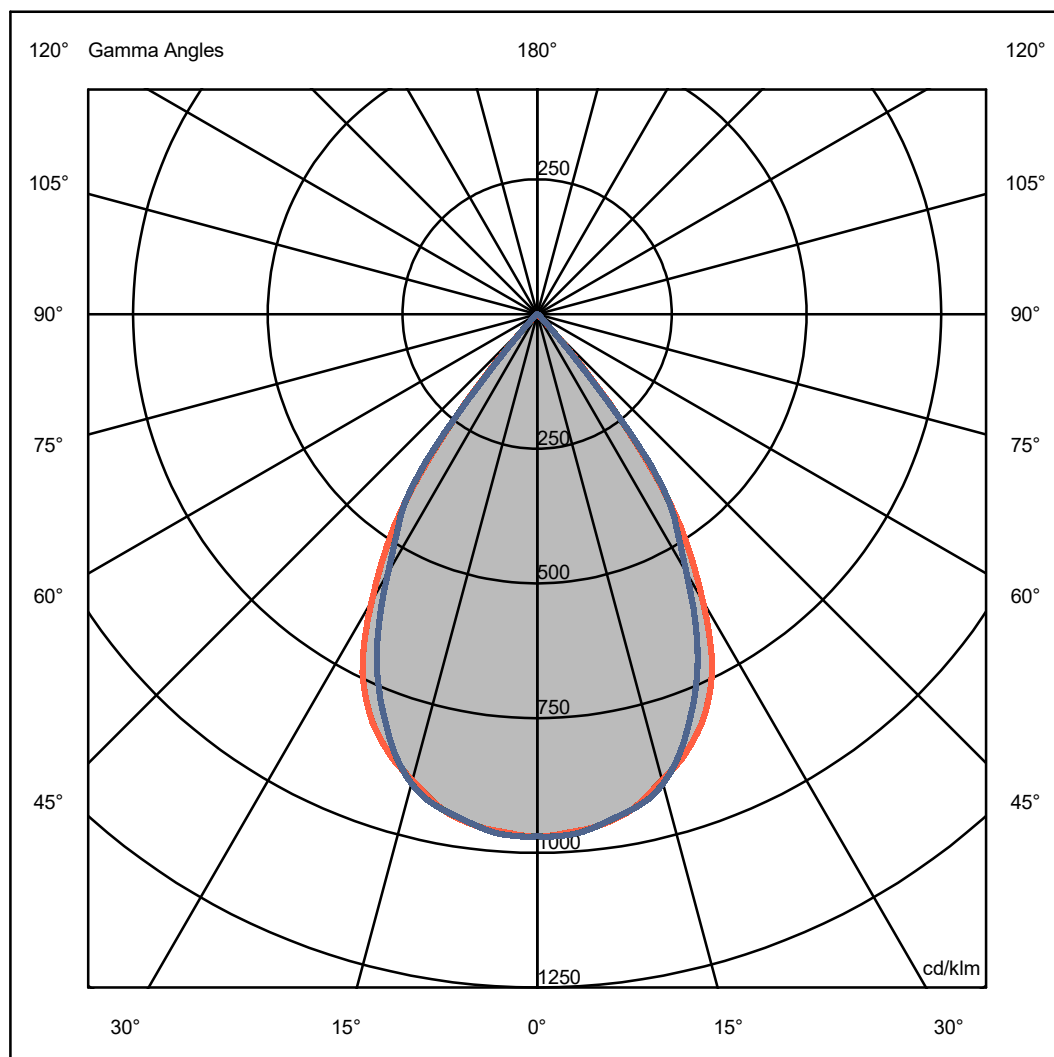
285mm x 22mm



C Halfplanes

180.0 — 0.0
270.0 — 90.0

ULOR 0.00 %
DLOR 100.00 %
RN 0.00 %



Luminaire

Code M22286-3-U-E
Name M22 285 mm 3000K CRI95 UGR

Measurem.

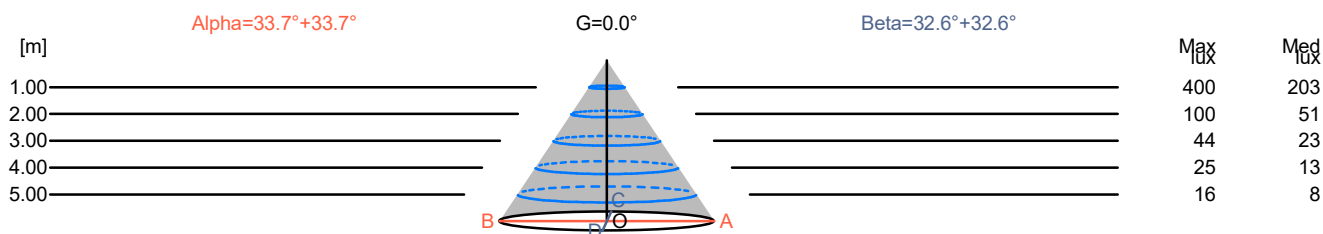
Code M22286-3-U-E
Name M22 285 mm 3000K CRI95 UGR

Luminaire Flux	413 lm	Luminaire Power	5.7 W	Efficacy	72.439 lm/W	Efficiency	100.00%
Source Flux	413 lm	Maximum value	969.82 cd/klm	Position	C=90.00 G=2.00	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	0.67	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	400.30	396.76	369.77	314.61	178.42	4.73	1.02	0.54	0.26	0.03
OB	400.30	396.76	369.77	314.61	178.42	4.73	1.02	0.54	0.26	0.03
OC	400.30	398.20	372.51	291.09	177.27	8.30	2.18	1.07	0.53	0.03
OD	400.30	398.20	372.51	291.09	177.27	8.30	2.18	1.07	0.53	0.03



H[m]	D[m]	Max lux	Med lux	Alpha=33.7°+33.7°	G=0.0
1.00	1.33	400	203		
2.00	2.67	100	51		
3.00	4.00	44	23		
4.00	5.34	25	13		
5.00	6.67	16	8		

H[m]	D[m]	Max lux	Med lux	Beta=32.6°+32.6°	G=0.0
1.00	1.28	400	203		
2.00	2.56	100	51		
3.00	3.84	44	23		
4.00	5.12	25	13		
5.00	6.40	16	8		

Luminaire

Code M22286-3-U-E
Name M22 285 mm 3000K CRI95 UGR

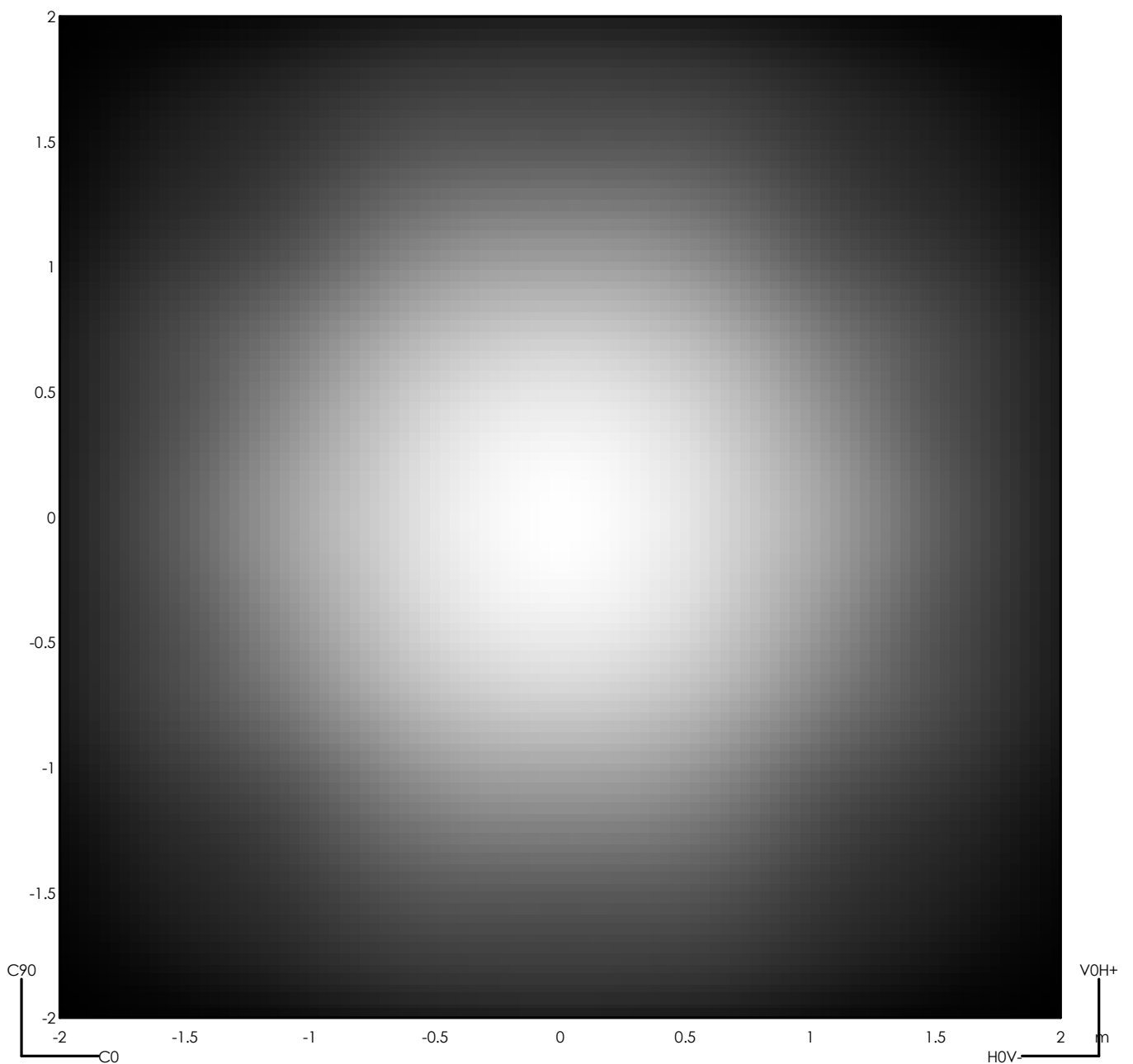
Measurem.

Code M22286-3-U-E
Name M22 285 mm 3000K CRI95 UGR

Luminaire Flux	413 lm	Luminaire Power	5.7 W	Efficacy	72.439 lm/W	Efficiency	100.00%
Source Flux	413 lm	Maximum value	969.82 cd/klm	Position	C=90.00 G=2.00	CG Double Symmetrical	

Isolux (Floor)

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



Luminaire

Code M22286-3-U-E
Name M22 285 mm 3000K CRI95 UGR

Measurem.

Code M22286-3-U-E
Name M22 285 mm 3000K CRI95 UGR

Luminaire Flux	413 lm	Luminaire Power	5.7 W	Efficacy	72.439 lm/W	Efficiency	100.00%
Source Flux	413 lm	Maximum value	969.82 cd/klm	Position	C=90.00 G=2.00	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	Lateral View					Viewed Endwise				
x=2H y=2H	18.1	18.8	18.4	19.0	19.2	17.9	18.6	18.2	18.8	19.0
x=2H y=3H	18.0	18.6	18.3	18.9	19.1	17.8	18.4	18.1	18.7	18.9
x=2H y=4H	17.9	18.5	18.2	18.8	19.0	17.8	18.3	18.1	18.6	18.8
x=2H y=6H	17.9	18.4	18.2	18.7	19.0	17.7	18.2	18.0	18.5	18.8
x=2H y=8H	17.8	18.3	18.2	18.6	18.9	17.6	18.2	18.0	18.4	18.7
x=2H y=12H	17.8	18.3	18.1	18.6	18.9	17.6	18.1	17.9	18.4	18.7
x=4H y=2H	17.9	18.5	18.2	18.8	19.0	17.7	18.3	18.0	18.6	18.8
x=4H y=3H	17.8	18.3	18.1	18.6	18.9	17.6	18.1	17.9	18.4	18.7
x=4H y=4H	17.7	18.1	18.1	18.5	18.8	17.5	17.9	17.9	18.3	18.6
x=4H y=6H	17.6	18.0	18.1	18.4	18.7	17.5	17.8	17.9	18.2	18.5
x=4H y=8H	17.6	17.9	18.0	18.3	18.7	17.4	17.7	17.8	18.1	18.5
x=4H y=12H	17.6	17.8	18.0	18.2	18.7	17.4	17.6	17.8	18.0	18.5
x=8H y=4H	17.6	17.9	18.0	18.3	18.7	17.4	17.7	17.8	18.1	18.5
x=8H y=6H	17.5	17.7	18.0	18.2	18.6	17.3	17.6	17.8	18.0	18.4
x=8H y=8H	17.5	17.7	17.9	18.1	18.6	17.3	17.5	17.7	17.9	18.4
x=8H y=12H	17.4	17.6	17.9	18.0	18.5	17.2	17.4	17.7	17.8	18.3
x=12H y=4H	17.6	17.8	18.0	18.2	18.7	17.4	17.6	17.8	18.0	18.5
x=12H y=6H	17.5	17.7	17.9	18.1	18.6	17.3	17.5	17.7	17.9	18.4
x=12H y=8H	17.4	17.6	17.9	18.0	18.5	17.2	17.4	17.7	17.8	18.3

Luminaire

Code M22286-3-U-E
Name M22 285 mm 3000K CRI95 UGR

Measurem.

Code M22286-3-U-E
Name M22 285 mm 3000K CRI95 UGR

Luminaire Flux	413 lm	Luminaire Power	5.7 W	Efficacy	72.439 lm/W	Efficiency	100.00%
Source Flux	413 lm	Maximum value	969.82 cd/klm	Position	C=90.00 G=2.00	CG Double Symmetrical	

Average Luminance										
0.0°	45°	50°	55°	60°	65°	70°	75°	80°	85°	
1771	659	470	387	337	300	269	219	76		
90.0°	3107	1471	1005	794	672	597	545	392	76	

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

