

**Luminaire**

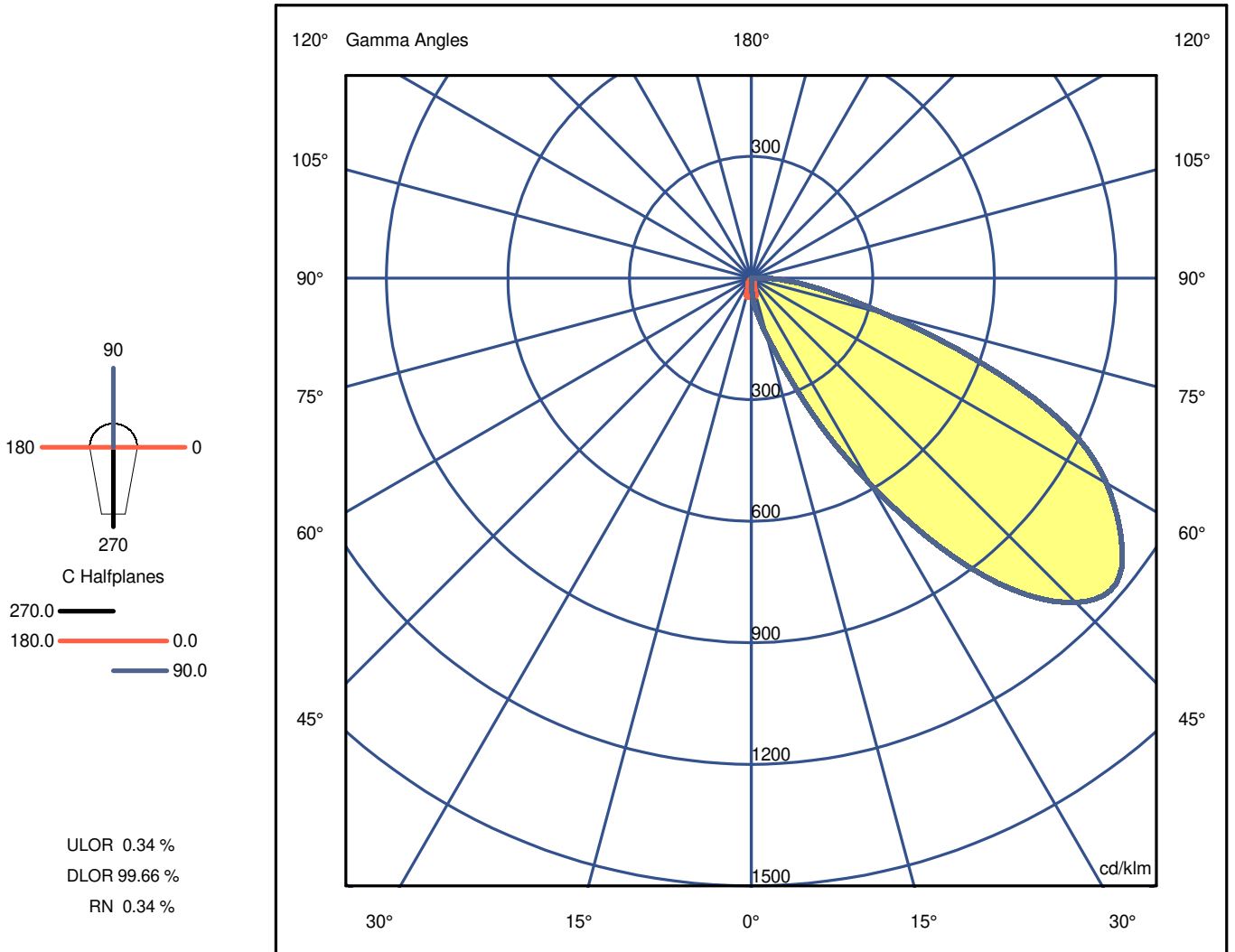
Code 5880/5885  
 Name Africa  
 Line OXL

**Measurement**

Code 5880/5885  
 Name Africa  
 Date 11-10-2022

Luminaire Flux	488 lm	Luminaire Power	4.5 W	Efficacy	108.444 lm/W	Efficiency	100.00%
Source Flux	488 lm	Maximum value	1174.12 cd/klm	Position	C=90.00 G=50.00	CG Sym. on planes 270-90	
Rectangular Luminaire		Length	257 mm	Width	43 mm	Height	53 mm
Rectangular Luminous Area		Length	250 mm	Width	30 mm	Height	0 mm
Horizontal Luminous Area		0.007500 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°	0.001814 m2		
Coordinate system		CG Roads		Symmetry Type		Sym. on planes 270-90	
Date		11-10-2022		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		488 lm	
Operator		VIBIA		Rated Voltage			
Temperature				Rated Current			
Humidity				Photocell			
Notes							

Line	Luminaire Sources				
	Code	Name	Flux [lm]	Pow. [W]	Q.ty
	5880/5885	5880/5885	488.00	4.50	1
C.I.E.	23 67 94 100 100	D DIN 5040	A10		



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**Luminous Intensity Table cd/klm Table 1/1**

	C 270.00	C 0.00	C 90.00
G 0.0	39.55	18.24	0.00
G 5.0	0.00	43.24	56.15
G 10.0	0.00	47.14	90.59
G 15.0	0.00	44.06	145.71
G 20.0	0.00	23.16	233.84
G 25.0	0.00	19.78	393.70
G 30.0	0.00	16.70	586.34
G 35.0	0.00	15.17	808.30
G 40.0	0.00	0.00	1003.40
G 45.0	0.00	0.00	1131.70
G 50.0	0.00	0.00	1174.12
G 55.0	0.00	0.00	1113.66
G 60.0	0.00	0.00	1011.60
G 65.0	0.00	0.00	853.59
G 70.0	0.00	0.00	592.29
G 75.0	0.00	0.00	343.28
G 80.0	0.00	0.00	191.42
G 85.0	0.00	0.00	102.27
G 90.0	0.00	0.00	36.48
G 95.0	0.00	0.00	6.29
G100.0	0.00	0.00	0.00
G105.0	0.00	0.00	0.00
G110.0	0.00	0.00	0.00
G115.0	0.00	0.00	0.00
G120.0	0.00	0.00	0.00
G125.0	0.00	0.00	0.00
G130.0	0.00	0.00	0.00
G135.0	0.00	0.00	0.00
G140.0	0.00	0.00	0.00
G145.0	0.00	0.00	0.00
G150.0	0.00	0.00	0.00
G155.0	0.00	0.00	0.00
G160.0	0.00	0.00	0.00
G165.0	0.00	0.00	0.00
G170.0	0.00	0.00	0.00
G175.0	0.00	0.00	0.00
G180.0	0.00	0.00	0.00

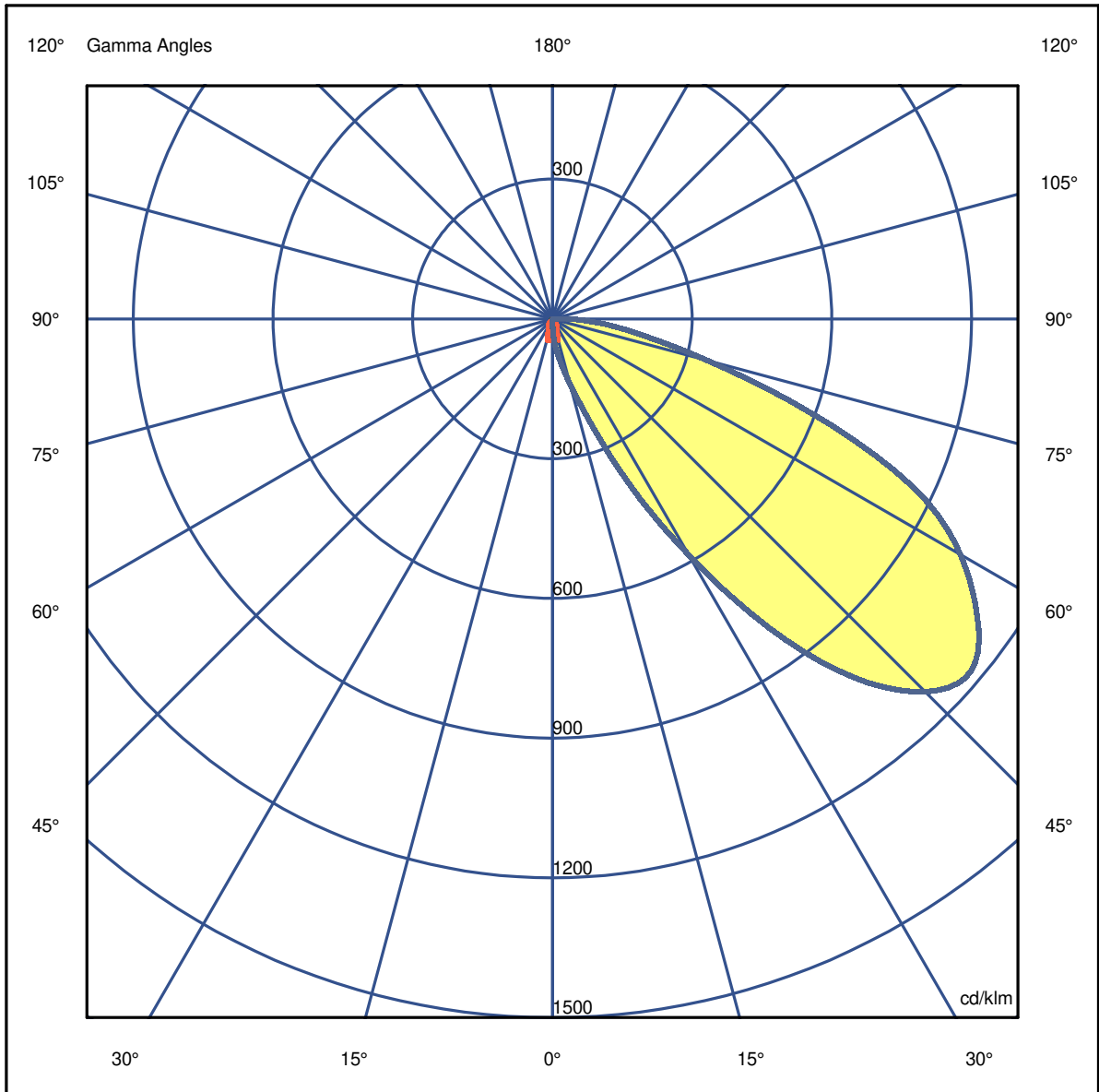
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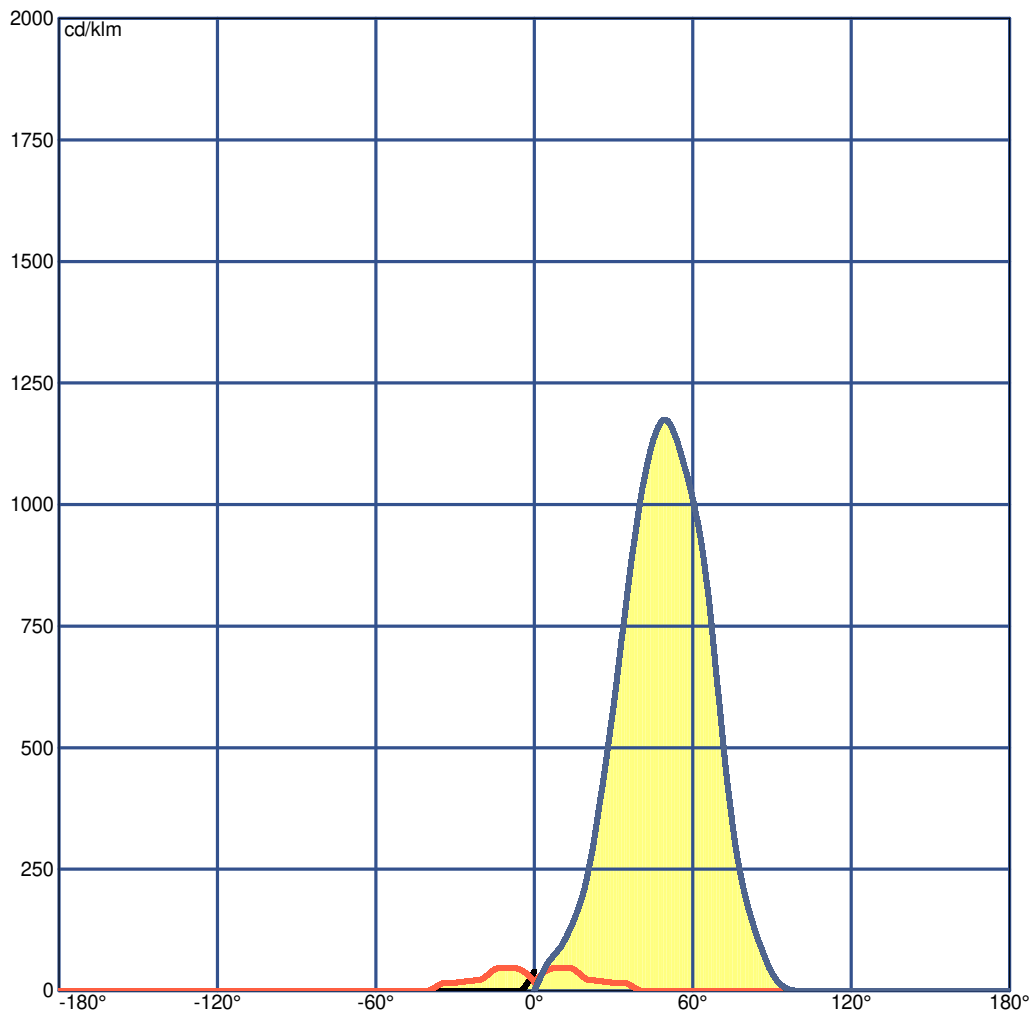
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**UGR**  
S = 0.250

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	20.9	22.6	21.3	22.9	23.2	< 0	< 0	< 0	< 0	< 0
x=2H y=3H	21.4	22.9	21.7	23.2	23.5	< 0	< 0	< 0	< 0	< 0
x=2H y=4H	21.4	22.8	21.8	23.1	23.4	< 0	< 0	< 0	< 0	< 0
x=2H y=6H	21.4	22.7	21.7	23.0	23.3	< 0	< 0	< 0	< 0	< 0
x=2H y=8H	21.3	22.6	21.7	22.9	23.3	< 0	< 0	< 0	< 0	< 0
x=2H y=12H	21.3	22.5	21.7	22.8	23.2	< 0	< 0	< 0	< 0	< 0
x=4H y=2H	24.7	26.1	25.0	26.4	26.7	< 0	< 0	< 0	< 0	< 0
x=4H y=3H	25.3	26.5	25.7	26.9	27.2	< 0	< 0	< 0	< 0	< 0
x=4H y=4H	25.4	26.5	25.8	26.9	27.3	< 0	< 0	< 0	< 0	< 0
x=4H y=6H	25.4	26.4	25.9	26.8	27.2	< 0	< 0	< 0	< 0	< 0
x=4H y=8H	25.4	26.3	25.9	26.7	27.1	< 0	< 0	< 0	< 0	< 0
x=4H y=12H	25.4	26.2	25.9	26.6	27.1	< 0	< 0	< 0	< 0	< 0
x=8H y=4H	26.6	27.5	27.0	27.9	28.3	< 0	< 0	< 0	< 0	< 0
x=8H y=6H	26.7	27.5	27.2	27.9	28.4	< 0	< 0	< 0	< 0	< 0
x=8H y=8H	26.8	27.4	27.3	27.9	28.4	< 0	< 0	< 0	< 0	< 0
x=8H y=12H	26.8	27.3	27.3	27.8	28.3	< 0	< 0	< 0	< 0	< 0
x=12H y=4H	26.8	27.5	27.2	28.0	28.4	< 0	< 0	< 0	< 0	< 0
x=12H y=6H	27.0	27.7	27.5	28.1	28.6	< 0	< 0	< 0	< 0	< 0
x=12H y=8H	27.1	27.7	27.6	28.1	28.6	< 0	< 0	< 0	< 0	< 0

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Could not find 90270 right beam angle•gamma0180=12

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Total Flux=488.00 Luminaire Flux=488.00

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	0.11	0.21	0.29	0.38	0.45	0.56	0.63	0.68	0.75	0.80	0.89	0.94
RC	10	9	8	8	8	7	7	7	7	7	7	6

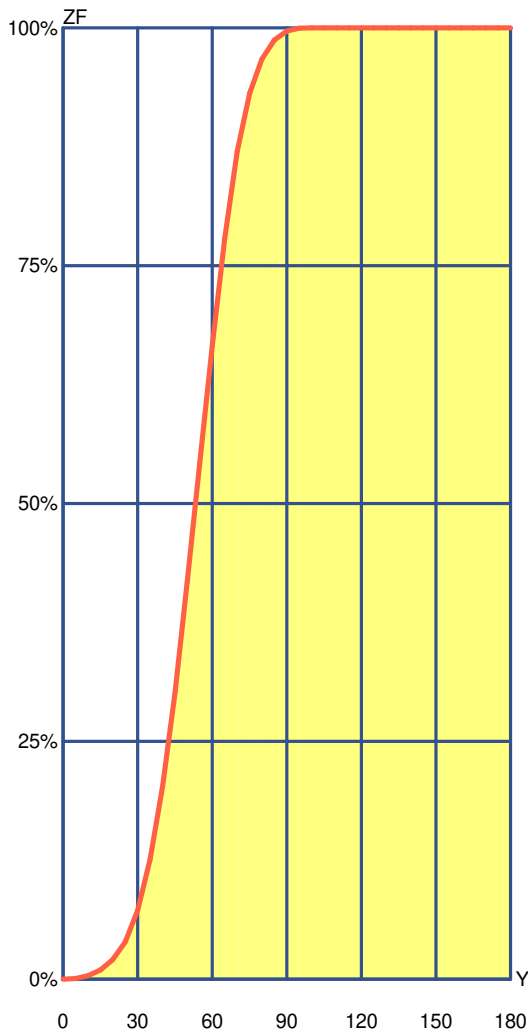
Zonal Flux per 1000 Lumen

Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	4	20	72	203	418	665	870	967	997	1000	1000	1000	1000	1000	1000	1000	1000	1000

CIE Flux Codes

23 67 94 100 100

C.I.E.	10/9/8/8/8/7/7/7/7/6	LOR	100.00000 %
D DIN 5040	A10	ULOR	0.33545 %
F UTE	1.00 I	DLOR	99.66455 %
B NBN	BZ 8 / 0.8 / BZ 7 / 1.25 / BZ 6	UFF	0.33545 %
RN	0.33545 %	DFF	99.66455 %
BLF	1.0	FFR	0.33657 %



Zonal Flux				
Gamma °	Flux	Sum lm	Flux [%]	Sum [%]
0°	0.00	0.00	0.00 %	0.00 %
5°	0.65	0.65	0.07 %	0.07 %
10°	2.93	3.58	0.29 %	0.36 %
15°	6.21	9.79	0.62 %	0.98 %
20°	10.59	20.38	1.06 %	2.04 %
25°	18.71	39.09	1.87 %	3.91 %
30°	33.31	72.40	3.33 %	7.24 %
35°	53.69	126.09	5.37 %	12.61 %
40°	76.83	202.92	7.68 %	20.29 %
45°	98.83	301.76	9.88 %	30.18 %
50°	116.48	418.24	11.65 %	41.82 %
55°	124.36	542.60	12.44 %	54.26 %
60°	122.81	665.41	12.28 %	66.54 %
65°	113.36	778.77	11.34 %	77.88 %
70°	91.53	870.29	9.15 %	87.03 %
75°	61.14	931.43	6.11 %	93.14 %
80°	35.77	967.20	3.58 %	96.72 %
85°	19.95	987.15	2.00 %	98.71 %
90°	9.50	996.65	0.95 %	99.66 %
95°	2.93	999.57	0.29 %	99.96 %
100°	0.43	1000.00	0.04 %	100.00 %
105°	0.00	1000.00	0.00 %	100.00 %
110°	0.00	1000.00	0.00 %	100.00 %
115°	0.00	1000.00	0.00 %	100.00 %
120°	0.00	1000.00	0.00 %	100.00 %
125°	0.00	1000.00	0.00 %	100.00 %
130°	0.00	1000.00	0.00 %	100.00 %
135°	0.00	1000.00	0.00 %	100.00 %
140°	0.00	1000.00	0.00 %	100.00 %
145°	0.00	1000.00	0.00 %	100.00 %
150°	0.00	1000.00	0.00 %	100.00 %
155°	0.00	1000.00	0.00 %	100.00 %
160°	0.00	1000.00	0.00 %	100.00 %
165°	0.00	1000.00	0.00 %	100.00 %
170°	0.00	1000.00	0.00 %	100.00 %
175°	0.00	1000.00	0.00 %	100.00 %
180°	0.00	1000.00	0.00 %	100.00 %

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Isolux (Floor)

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

