

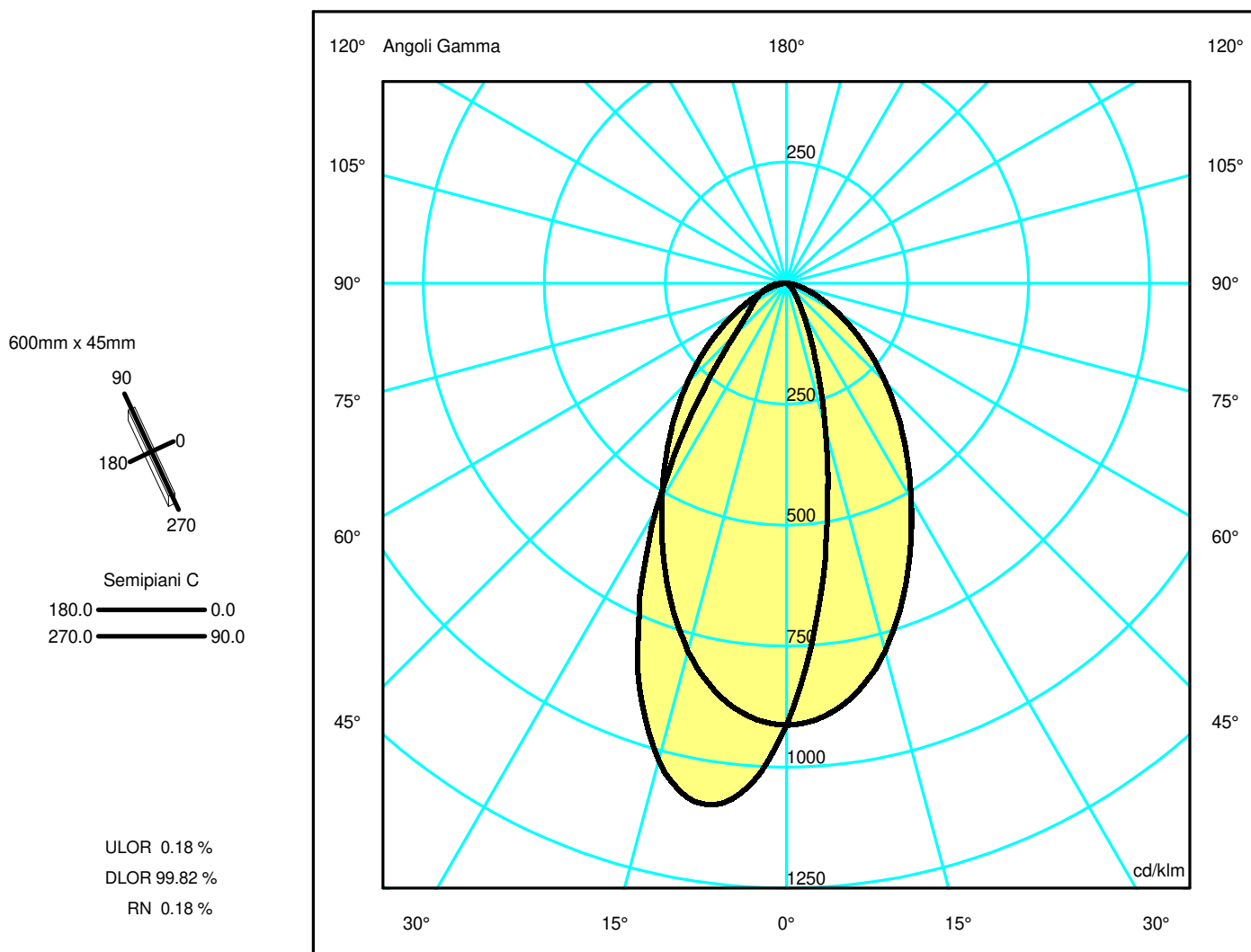
Luminaire

Code AF86604
Name SHARP SMD.16X 44W 927 WW ND NRO/NRO

Measurement

Code FTS1903541-A
Name SHARP SMD.16X 44W 927 WW ND NRO/NRO

Luminaire Flux	2497 lm	Luminaire Power	47.0 W	Efficacy	53.124 lm/W	Efficiency	100.00%
Source Flux	2497 lm	Maximum value	1103.17 cd/klm	Position	C=175.00 G=9.00	CG	Sym. on planes 0-180
Rectangular Luminaire		Length	600 mm	Width	45 mm	Height	85 mm
Rectangular Luminous Area		Length	590 mm	Width	32 mm	Height	0 mm
Horizontal Luminous Area		0.018880 m ²		Emitting area on Plane 180°		0.000000 m ²	
Emitting area on Plane 0°		0.000000 m ²		Emitting area on Plane 270°		0.000000 m ²	
Emitting area on Plane 90°		0.000000 m ²		Glare area at 76°		0.004567 m ²	
Coordinate system		CG		Symmetry Type		Sym. on planes 0-180	
Date		11-11-2021		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		2497 lm	
LED Flux=4157lm LED Power=44W Eff=60% EfcLed=94lm/W EfcLum=53lm/W CCT=2700K Ra=90 R9=50 SDCM=3 L70(6K)=272160h							
C.I.E.	73 92 98 100 100			D DIN 5040	A60		
F UTE	1.00 B			B NBN	BZ 1 / 1 / BZ 2		



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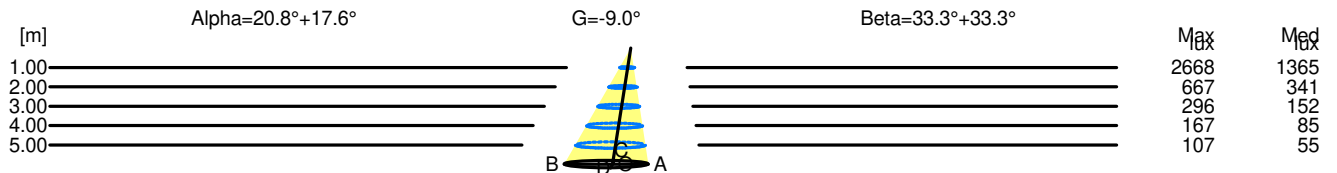
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D DIN 5040
B NBN
A60
BZ 1 / 1 / BZ 2

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	0.31	0.62	0.93	1.24	1.55	OC	0.67	1.33	2.00	2.66	3.33
OB	0.41	0.83	1.24	1.66	2.07	OD	0.67	1.33	2.00	2.66	3.33

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	2279.40	1749.00	766.91	265.04	94.28	38.73	7.78	2.44	2.27	1.64
OB	2279.40	2636.63	2548.11	1794.00	902.45	380.44	225.25	162.81	110.14	53.20
OC	2279.40	2241.60	1965.19	1510.04	1079.33	719.48	423.13	207.44	77.75	7.20
OD	2279.40	2241.60	1965.19	1510.04	1079.33	719.48	423.13	207.44	77.75	7.20



H[m]	D[m]	Max lux	Med lux	Alpha=20.8°+17.6°	G=-9.0
1.00	0.72	2668	1365		
2.00	1.45	667	341		
3.00	2.17	296	152		
4.00	2.90	167	85		
5.00	3.62	107	55		

H[m]	D[m]	Max lux	Med lux	Beta=33.3°+33.3°	G=0.0
1.00	1.33	2668	1365		
2.00	2.66	667	341		
3.00	3.99	296	152		
4.00	5.32	167	85		
5.00	6.65	107	55		