

Luminaire

Code T07x038
Name "O" 90 UL

Measurment.

Code RPN180399
Name "O" 90 UL

Luminaire Flux	1829.82 lm	Luminaire Power	35.00 W	Efficacy	52.28 lm/W	Efficiency	100.00%
Sources Flux	1829.82 lm	Maximum value	132.55 cd/klm	Position	C=0.00 G=8.00	CG	Double Symmetrical
Rectangular Luminaire		Length	900 mm	Width	40 mm	Height	900 mm
Rectangular Luminous Area		Length	900 mm	Width	20 mm	Height	900 mm
Horizontal Luminous Area		0.018000 m2		Emitting area on Plane 180°		0.810000 m2	
Emitting area on Plane 0°		0.810000 m2		Emitting area on Plane 270°		0.018000 m2	
Emitting area on Plane 90°		0.018000 m2		Glare area at 76°		0.790294 m2	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		24-07-2023		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		1829.82 lm	

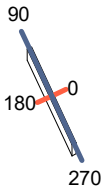
LED Flux=3255lm LED Power=35W Eff=56% EfcLed=93lm/W EfcLum=52lm/W CCT=3000K Ra=90 SDCM=3 L70(6K)=40000h

C.I.E. 35 62 82 50 100
F UTE 0.50 H + 0.50 T

D DIN 5040
B NBN

C21
BZ 6

900mm x 40mm



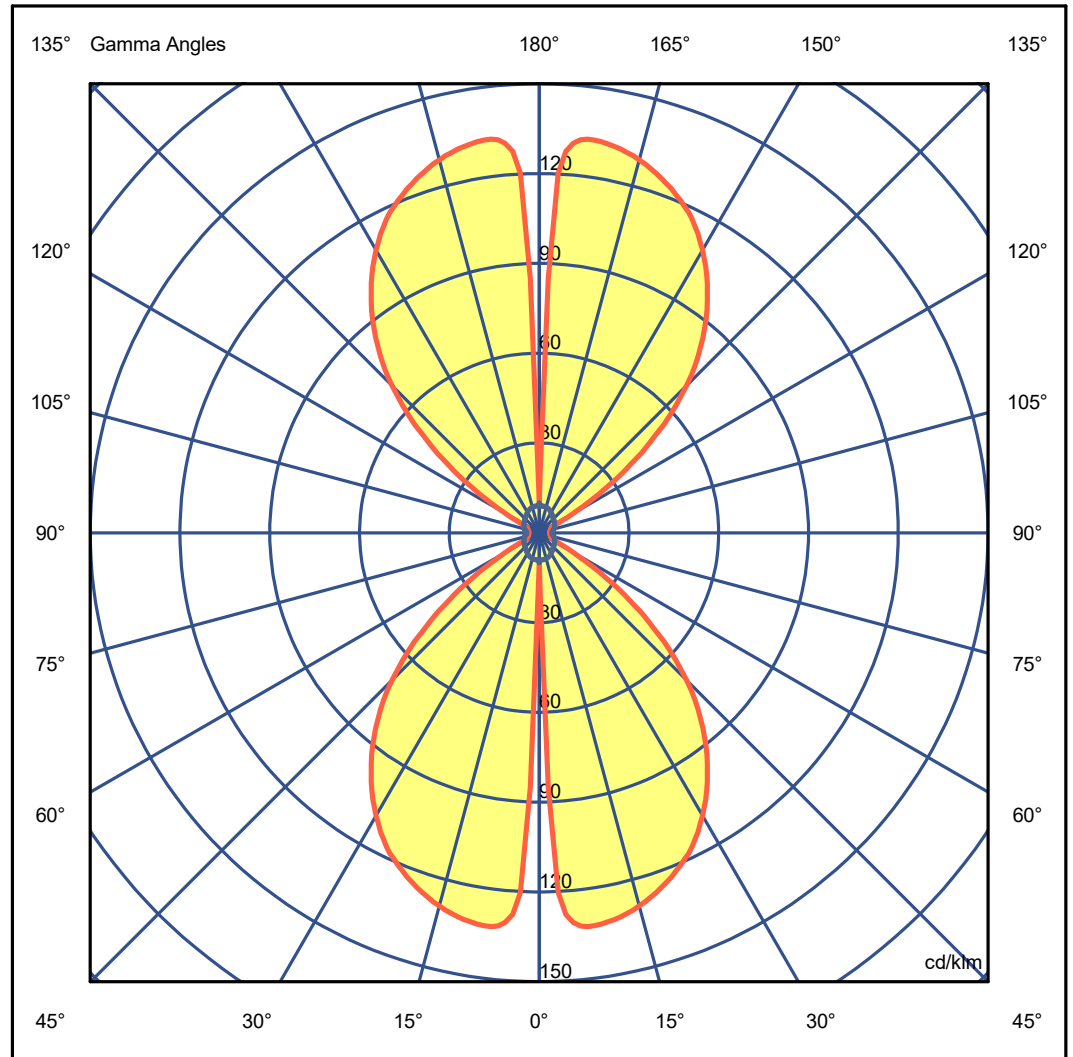
C Halfplanes

180.0 — 0.0
270.0 — 90.0

ULOR 50.00 %

DLOR 50.00 %

RN 50.00 %



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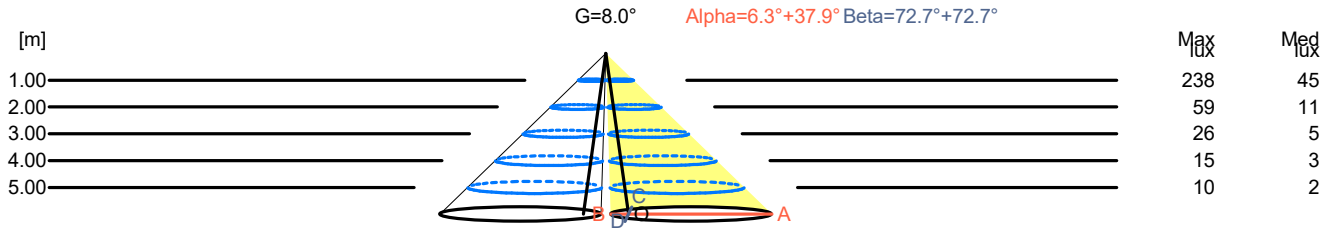
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Width at 50.00 % of Max Intensity

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	0.89	1.78	2.67	3.57	4.46	OC	3.23	6.47	9.70	12.93	16.17
OB	0.11	0.22	0.33	0.44	0.55	OD	3.23	6.47	9.70	12.93	16.17

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	18.24	239.02	236.06	216.13	179.09	127.43	56.78	8.54	7.13	6.46
OB	18.24	239.02	236.06	216.13	179.09	127.43	56.78	8.54	7.13	6.46
OC	18.24	16.60	16.27	15.27	13.55	12.22	11.26	10.34	9.28	8.10
OD	18.24	16.60	16.27	15.27	13.55	12.22	11.26	10.34	9.28	8.10



H[m]	D[m]	Max lux	Med lux	Alpha=6.3°+37.9°	G=8.0
1.00	1.00	238	45		
2.00	2.00	59	11		
3.00	3.01	26	5		
4.00	4.01	15	3		
5.00	5.01	10	2		

H[m]	D[m]	Max lux	Med lux	Beta=72.7°+72.7°	G=0.0
1.00	6.47	238	45		
2.00	12.93	59	11		
3.00	19.40	26	5		
4.00	25.87	15	3		
5.00	32.34	10	2		