

Luminaire

Code 2000010APP_N
Name DISCOVERY SPACE 90x90 S TW APP COMP - COLD

Measurement

Code FTS2000457-B
Name DISCOVERY SPACE 90x90 S TW APP COMP - COLD

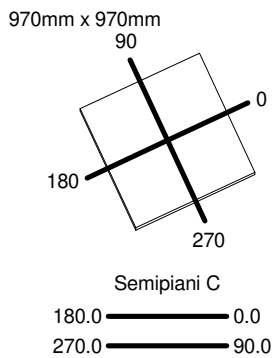
Luminaire Flux	2739 lm	Luminaire Power	44.0 W	Efficacy	62.250 lm/W	Efficiency	100.00%
Source Flux	2739 lm	Maximum value	154.54 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical
Rectangular Luminaire		Length	970 mm	Width	970 mm	Height	17 mm
Rectangular Luminous Area		Length	900 mm	Width	900 mm	Height	10 mm
Horizontal Luminous Area		0.810000 m ²		Emitting area on Plane 180°		0.009000 m ²	
Emitting area on Plane 0°		0.009000 m ²		Emitting area on Plane 270°		0.009000 m ²	
Emitting area on Plane 90°		0.009000 m ²		Glare area at 76°		0.204689 m ²	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		14-10-2022		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		2739 lm	

LED Flux=4740lm LED Power=37W Eff=58% EfcLed=128lm/W EfcLum=62lm/W CCT=6500K Ra=80 L70(6K)=60000h

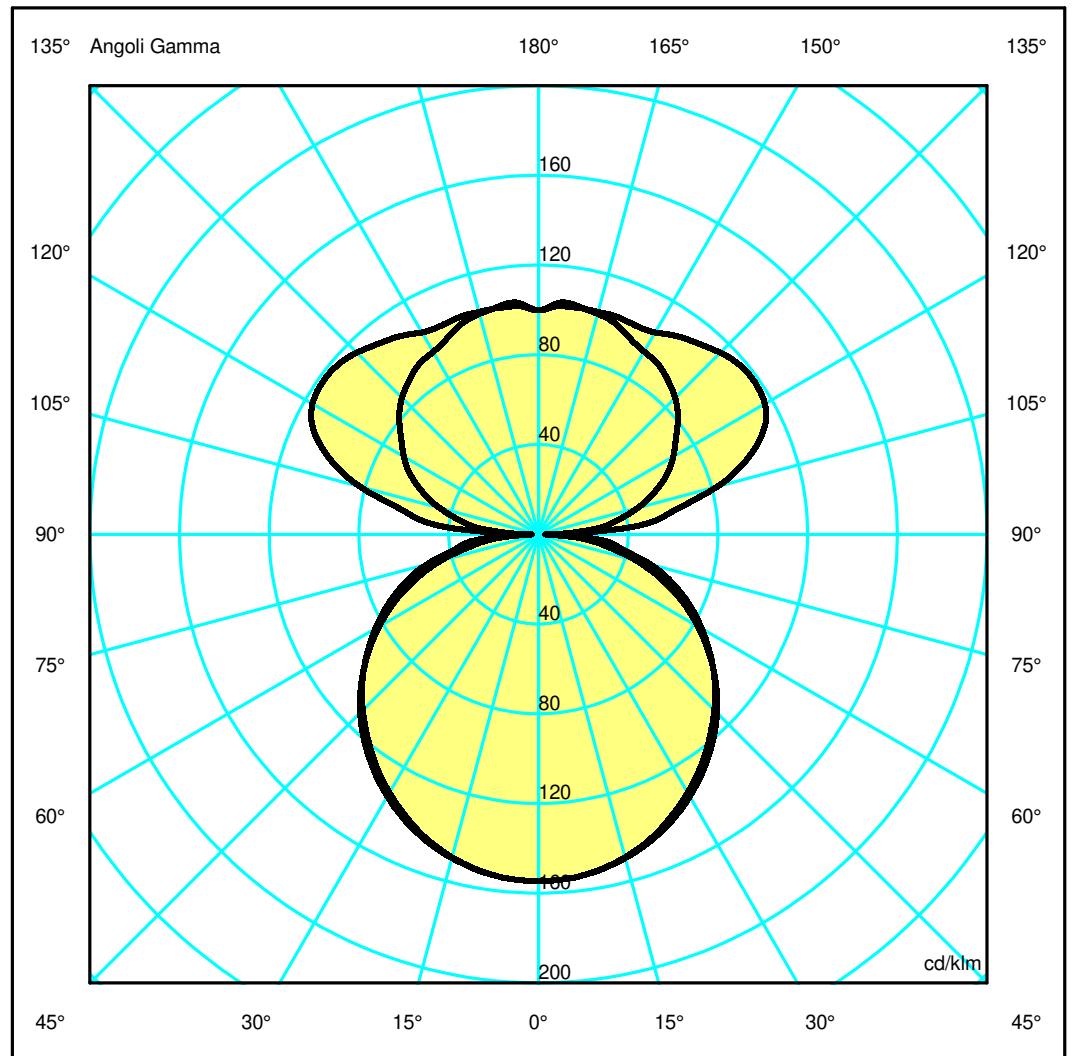
C.I.E. 42 72 92 51 100
F UTE 0.51 G + 0.49 T

D DIN 5040
B NBN

C31
BZ 5



ULOR 48.78 %
DLOR 51.22 %
RN 48.78 %



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Measurment

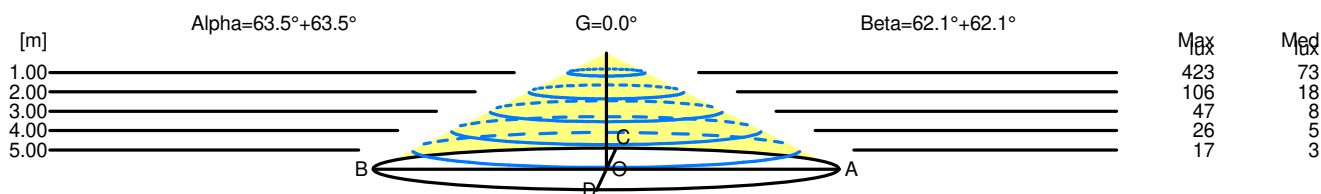
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Emitting area on Plane 90°	0.009000 m2			Glare area at 76°	0.204689 m2		
Coordinate system	CG			Symmetry Type	Double Symmetrical		
Date	14-10-2022			Maximum Gamma Angle	180		
Measurement Distance	0.00			Measurement Flux	2739 lm		
LED Flux=4740lm LED Power=37W Eff=58% EfcLed=128lm/W EfcLum=62lm/W CCT=6500K Ra=80 L70(6K)=60000h							
C.I.E.	42 72 92 51 100			D DIN 5040	C31		
F UTE	0.51 G + 0.49 T			B NBN	BZ 5		

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	2.00	4.01	6.01	8.02	10.02	OC	1.89	3.78	5.68	7.57	9.46
OB	2.00	4.01	6.01	8.02	10.02	OD	1.89	3.78	5.68	7.57	9.46

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	423.28	421.88	408.18	381.41	345.50	303.55	256.04	203.26	141.40	75.25
OB	423.28	421.88	408.18	381.41	345.50	303.55	256.04	203.26	141.40	75.25
OC	423.28	421.85	409.10	385.37	351.04	307.92	254.40	193.52	123.59	50.22
OD	423.28	421.85	409.10	385.37	351.04	307.92	254.40	193.52	123.59	50.22



H[m]	D[m]	Max lux	Med lux	Alpha=63.5°+63.5°	G=0.0
1.00	4.01	423	73		
2.00	8.02	106	18		
3.00	12.03	47	8		
4.00	16.04	26	5		
5.00	20.05	17	3		

H[m]	D[m]	Max lux	Med lux	Beta=62.1°+62.1°	G=0.0
1.00	3.78	423	73		
2.00	7.57	106	18		
3.00	11.35	47	8		
4.00	15.14	26	5		
5.00	18.92	17	3		