

Luminaire

Code 2004030APP
Name DISCOVERY SPACE 90X90 S W app compat NRO

Measurem.

Code FTS2000305-A
Name DISCOVERY SPACE 90X90 S W app compat NRO

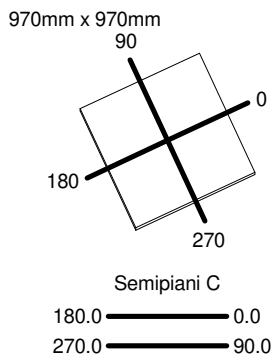
Luminaire Flux	1955 lm	Luminaire Power	34.0 W	Efficacy	57.507 lm/W	Efficiency	100.00%
Source Flux	1955 lm	Maximum value	155.13 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical
Rectangular Luminaire		Length	970 mm	Width	970 mm	Height	17 mm
Rectangular Luminous Area		Length	900 mm	Width	900 mm	Height	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		1955 lm	

LED Flux=4716lm LED Power=30W Eff=41% EfcLed=157lm/W EfcLum=58lm/W CCT=3000K Ra=90 R9=50 SDCM=3 L70(6K)=50000h

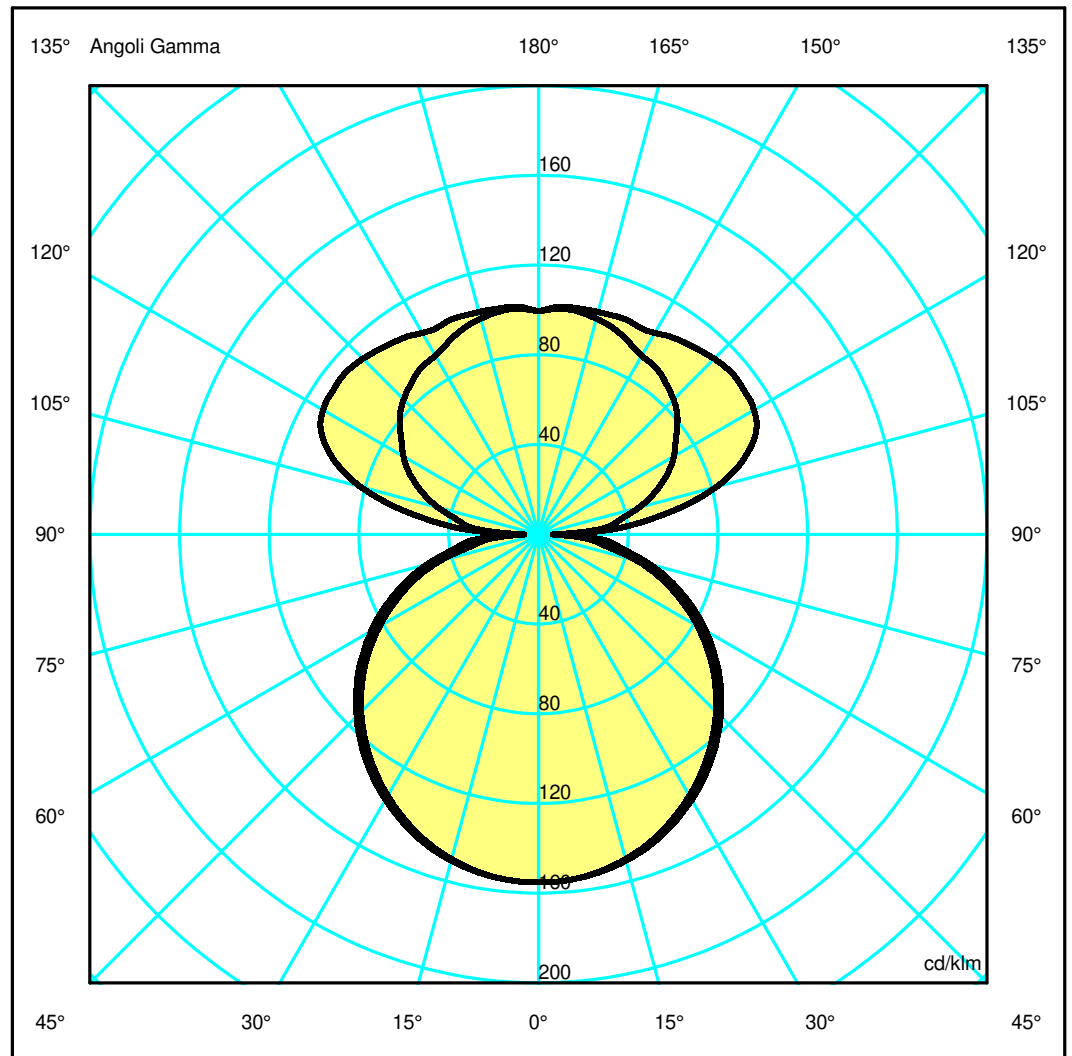
C.I.E. 41 72 92 52 100
F UTE 0.52 G + 0.48 T

D DIN 5040
B NBN

C31
BZ 5



ULOR 47.94 %
DLOR 52.06 %
RN 47.94 %



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Measurment.

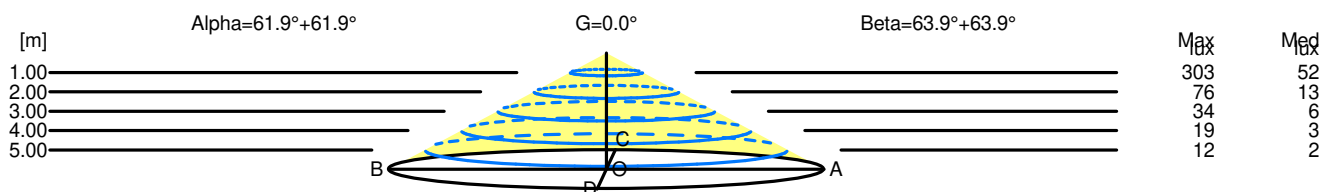
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Luminaire Flux	1955 lm	Luminaire Power	34.0 W	Efficacy	57.507 lm/W	Efficiency	100.00%
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Rectangular Luminaire		Length	970 mm	Width	970 mm	Height	17 mm
Rectangular Luminous Area		Length	900 mm	Width	900 mm	Height	10 mm
Horizontal Luminous Area	0.810000 m2			Emitting area on Plane 180°		0.009000 m2	
Emitting area on Plane 0°	0.009000 m2			Emitting area on Plane 270°		0.009000 m2	
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		1955 lm	
LED Flux=4716lm LED Power=30W Eff=41% EfcLed=157lm/W EfcLum=58lm/W CCT=3000K Ra=90 R9=50 SDCM=3 L70(6K)=50000h							
C.I.E.	41 72 92 52 100			D DIN 5040	C31		
F UTE	0.52 G + 0.48 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	1.87	3.74	5.62	7.49	9.36	OC	2.04	4.09	6.13	8.18	10.22
OB	1.87	3.74	5.62	7.49	9.36	OD	2.04	4.09	6.13	8.18	10.22

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	303.33	302.39	293.05	274.84	249.74	218.70	181.12	137.72	88.71	41.82
OB	303.33	302.39	293.05	274.84	249.74	218.70	181.12	137.72	88.71	41.82
OC	303.33	302.41	294.33	278.15	254.51	224.35	188.03	147.22	100.21	58.41
OD	303.33	302.41	294.33	278.15	254.51	224.35	188.03	147.22	100.21	58.41



H[m]	D[m]	Max lux	Med lux	Alpha=61.9°+61.9°	G=0.0
1.00	3.74	303	52		
2.00	7.49	76	13		
3.00	11.23	34	6		
4.00	14.98	19	3		
5.00	18.72	12	2		

H[m]	D[m]	Max lux	Med lux	Beta=63.9°+63.9°	G=0.0
1.00	4.09	303	52		
2.00	8.18	76	13		
3.00	12.27	34	6		
4.00	16.36	19	3		
5.00	20.45	12	2		