

Luminaire

Code 2001010A
Name DISCOVERY SPACE 90X90 S RGBW

Measurerm.

Code FTS2000467-B
Name DISCOVERY SPACE 90X90 S RGBW

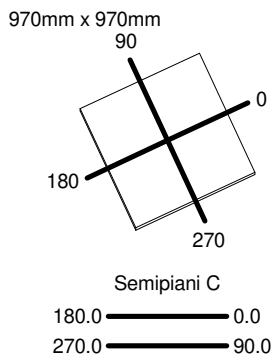
Luminaire Flux	1708 lm	Luminaire Power	36.0 W	Efficacy	47.444 lm/W	Efficiency	100.00%
Source Flux	1708 lm	Maximum value	149.59 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical
Rectangular Luminaire		Length	970 mm	Width	970 mm	Height	17 mm
Rectangular Luminous Area		Length	900 mm	Width	900 mm	Height	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		1708 lm	

LED Flux=3119lm LED Power=31W Eff=55% EfcLed=101lm/W EfcLum=47lm/W CCT=3880K Ra=80 SDCM=5 L70(6K)=60000h

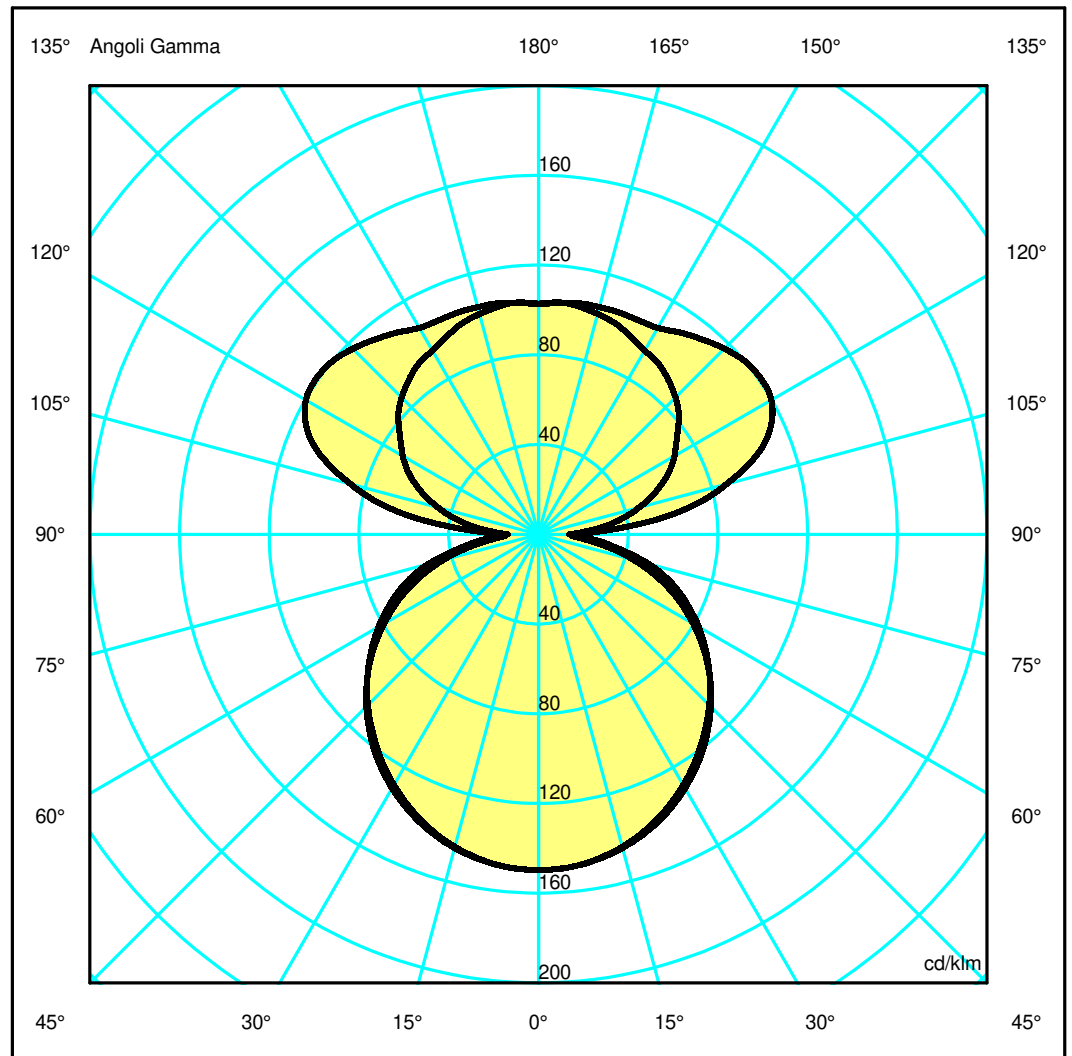
C.I.E. 41 72 92 50 100
F UTE 0.50 G + 0.50 T

D DIN 5040
B NBN

C31
BZ 5



ULOR 50.05 %
DLOR 49.95 %
RN 50.05 %



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Measurment.

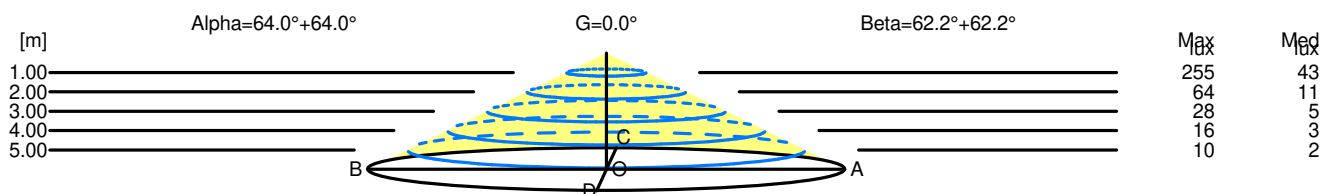
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Name DISCOVERY SPACE 90X90 S RGBW

Luminaire Flux	1708 lm	Luminaire Power	36.0 W	Efficacy	47.444 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	1708 lm		
LED Flux=3119lm LED Power=31W Eff=55% EfcLed=101lm/W EfcLum=47lm/W CCT=3880K Ra=80 SDCM=5 L70(6K)=60000h							
C.I.E.	41 72 92 50 100			D DIN 5040	C31		
F UTE	0.50 G + 0.50 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	2.05	4.11	6.16	8.21	10.27	OC	1.90	3.79	5.69	7.58	9.48
OB	2.05	4.11	6.16	8.21	10.27	OD	1.90	3.79	5.69	7.58	9.48

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	255.49	254.60	246.28	230.43	208.91	183.82	155.74	124.58	86.90	40.97
OB	255.49	254.60	246.28	230.43	208.91	183.82	155.74	124.58	86.90	40.97
OC	255.49	254.69	247.20	232.83	212.10	185.50	153.80	117.14	75.12	31.50
OD	255.49	254.69	247.20	232.83	212.10	185.50	153.80	117.14	75.12	31.50



H[m]	D[m]	Max lux	Med lux	Alpha=64.0°+64.0°	G=0.0
1.00	4.11	255	43		
2.00	8.21	64	11		
3.00	12.32	28	5		
4.00	16.43	16	3		
5.00	20.53	10	2		

H[m]	D[m]	Max lux	Med lux	Beta=62.2°+62.2°	G=0.0
1.00	3.79	255	43		
2.00	7.58	64	11		
3.00	11.37	28	5		
4.00	15.16	16	3		
5.00	18.95	10	2		