

Luminaire

Code 2041030APP
Name DISCOVERY F RGBW APP COMP NRO

Measurem.

Code FTS2102817-A
Name DISCOVERY F RGBW APP COMP NRO

Luminaire Flux	2853 lm	Luminaire Power	56.0 W	Efficacy	50.948 lm/W	Efficiency	100.00%
Source Flux	2853 lm	Maximum value	151.67 cd/klm	Position	C=90.00 G=1.00	CG	Double Symmetrical
Rectangular Luminaire		Length	1570 mm	Width	400 mm	Height	17 mm
Rectangular Luminous Area		Length	1500 mm	Width	330 mm	Height	10 mm
Horizontal Luminous Area		0.495000 m ²		Emitting area on Plane 180°		0.015000 m ²	
Emitting area on Plane 0°		0.015000 m ²		Emitting area on Plane 270°		0.003300 m ²	
Emitting area on Plane 90°		0.003300 m ²		Glare area at 76°		0.134306 m ²	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		28-09-2021		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		2853 lm	

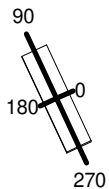
LED Flux=4851lm LED Power=48W Eff=59% EfcLed=101lm/W EfcLum=51lm/W CCT=3880K Ra=80 R9=50 SDCM=5 L70(6K)=60000 h

C.I.E. 42 72 92 50 100
F UTE 0.50 G + 0.50 T

D DIN 5040
B NBN

C31
BZ 5

1570mm x 400mm



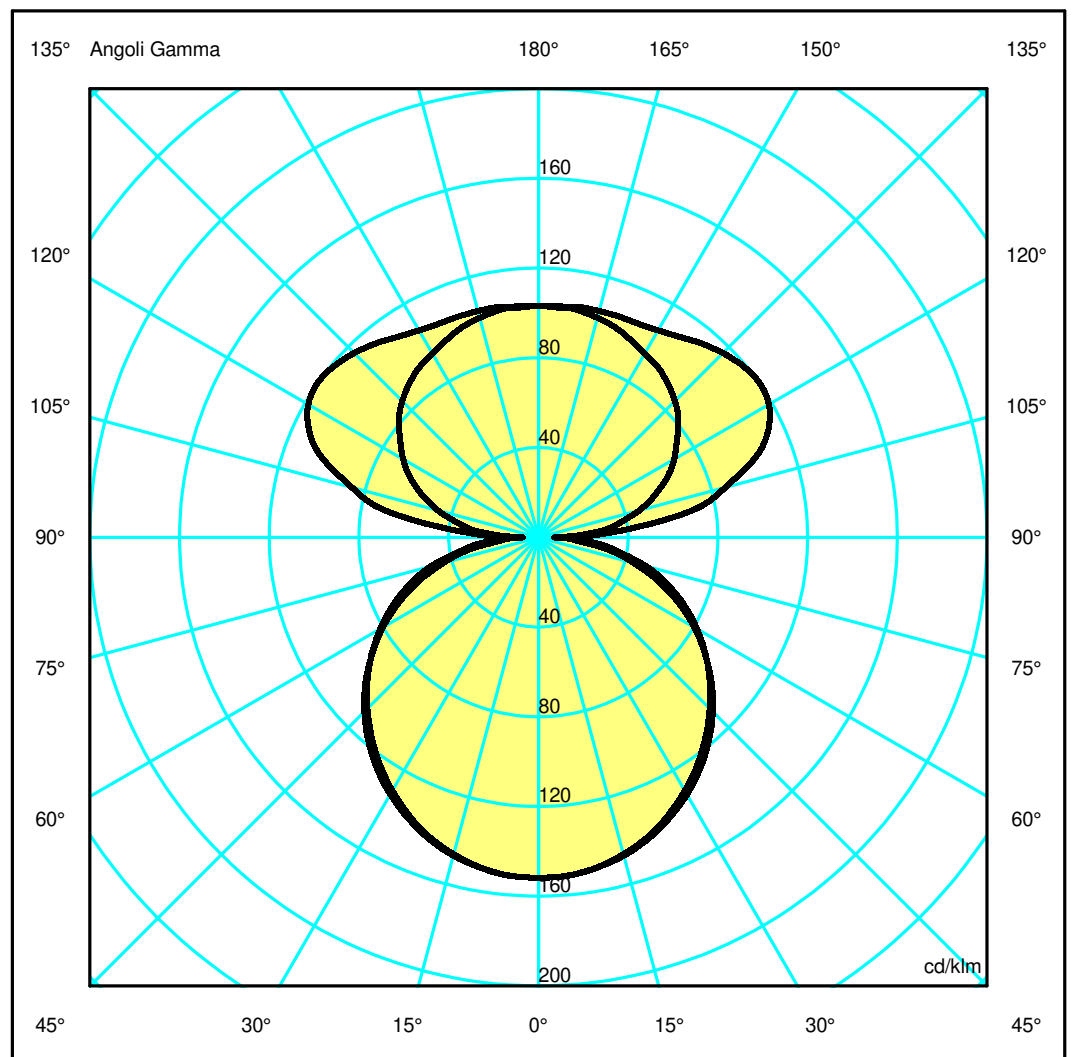
Semipiani C

180.0 ——— 0.0
270.0 ——— 90.0

ULOR 49.85 %

DLOR 50.15 %

RN 49.85 %



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Measurment

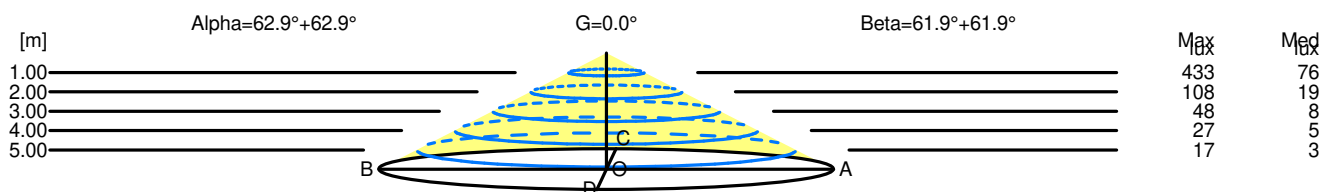
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C.I.E.	42 72 92 50 100			D DIN 5040	C31		
F UTE	0.50 G + 0.50 T			B NBN	BZ 5		

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	1.96	3.91	5.87	7.83	9.78	OC	1.88	3.75	5.63	7.51	9.38
OB	1.96	3.91	5.87	7.83	9.78	OD	1.88	3.75	5.63	7.51	9.38

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	432.74	431.63	417.28	390.06	352.28	307.84	259.23	204.48	141.57	68.70
OB	432.74	431.63	417.28	390.06	352.28	307.84	259.23	204.48	141.57	68.70
OC	432.74	431.88	418.95	393.76	358.59	313.49	258.48	196.17	125.52	48.80
OD	432.74	431.88	418.95	393.76	358.59	313.49	258.48	196.17	125.52	48.80



H[m]	D[m]	Max lux	Med lux	Alpha=62.9°+62.9°	G=0.0
1.00	3.91	433	76		
2.00	7.83	108	19		
3.00	11.74	48	8		
4.00	15.65	27	5		
5.00	19.56	17	3		

H[m]	D[m]	Max lux	Med lux	Beta=61.9°+61.9°	G=0.0
1.00	3.75	433	76		
2.00	7.51	108	19		
3.00	11.26	48	8		
4.00	15.01	27	5		
5.00	18.77	17	3		