

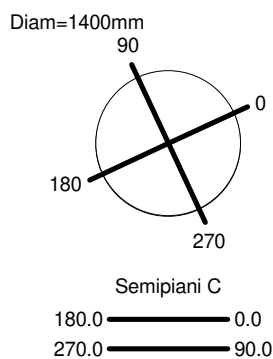
Luminaire

Code 1994210APP_N
Name DISCOVERY VERTICAL 140 TW APP COMPATIB - COLD

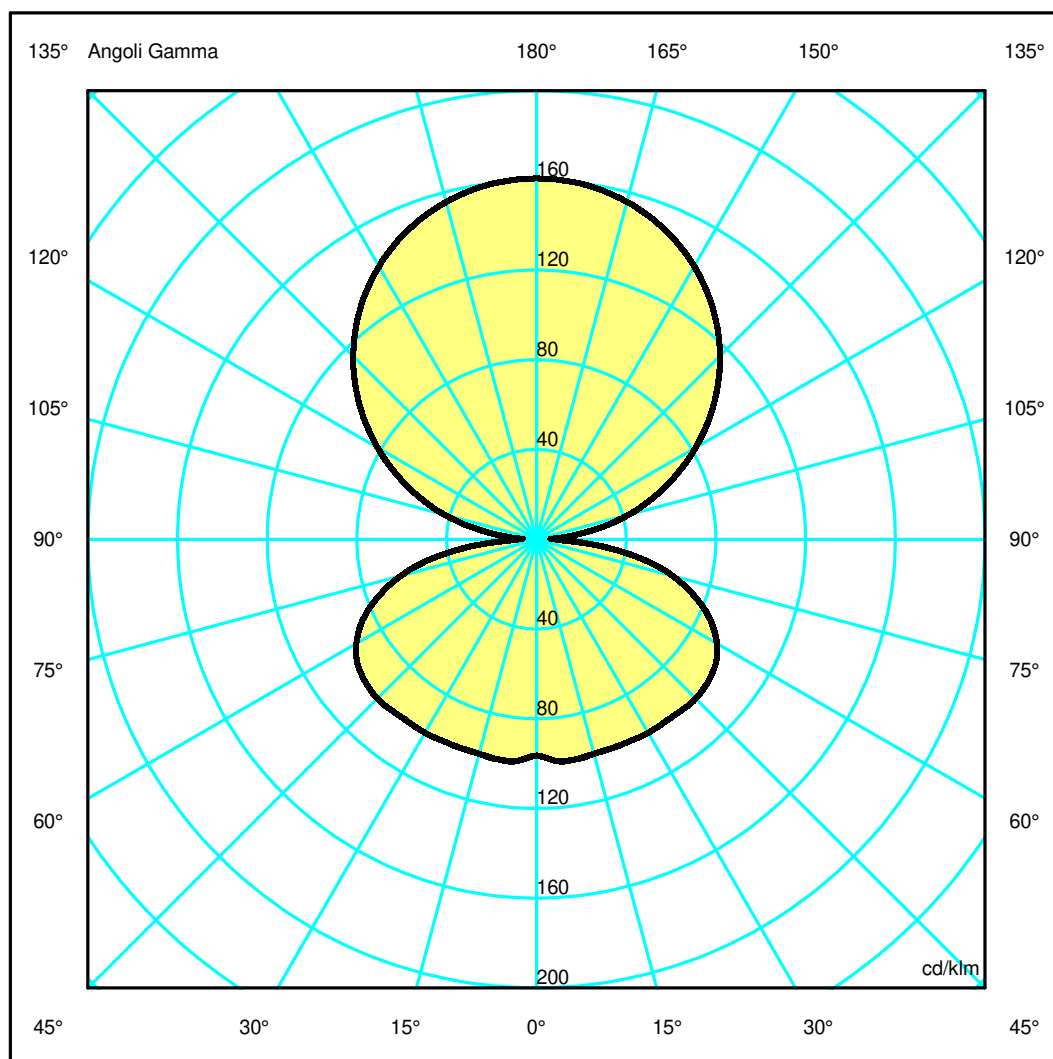
Measurerm.

Code FTS2000433
Name DISCOVERY VERTICAL 140 TW APP COMPATIB - COLD

Luminaire Flux	5650 lm	Luminaire Power	84.0 W	Efficacy	67.267 lm/W	Efficiency	100.00%
Source Flux	5650 lm	Maximum value	160.92 cd/klm	Position	C=0.00 G=180.00	CG	Asymmetrical
Round Luminaire		Diam.	1400 mm	Height	17 mm		
Round Luminous Area		Diam.	1350 mm	Height	0 mm		
Horizontal Luminous Area			1.431388 m ²	Emitting area on Plane 180°			0.000000 m ²
Emitting area on Plane 0°			0.000000 m ²	Emitting area on Plane 270°			0.000000 m ²
Emitting area on Plane 90°			0.000000 m ²	Glare area at 76°			0.346284 m ²
Coordinate system		CG		Symmetry Type		Asymmetrical	
Date		11-11-2020		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		5650 lm	
LED Flux=9347,86lm LED Power=71W Eff=60% EfcLed=132lm/W EfcLum=63lm/W CCT=6500K Ra=80 - L70(6K)=60000 h							
C.I.E.	32 64 89 49 100			D DIN 5040	C22		
F UTE	0.49 I + 0.51 T			B NBN	BZ 6		



ULOR 51.23 %
DLOR 48.77 %
RN 51.23 %



Luminaire

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Measurerm.

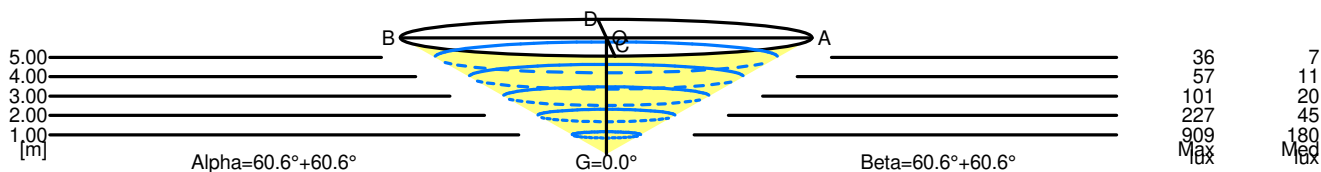
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Emitting area on Plane 0°			0.000000 m2	Emitting area on Plane 270°			0.000000 m2
Emitting area on Plane 90°			0.000000 m2	Glare area at 76°			0.346284 m2
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C.I.E.	32 64 89 49 100			D DIN 5040	C22		
F UTE	0.49 I + 0.51 T			B NBN	BZ 6		

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	1.77	3.55	5.32	7.09	8.86	OC	1.77	3.55	5.32	7.09	8.86
OB	1.77	3.55	5.32	7.09	8.86	OD	1.77	3.55	5.32	7.09	8.86

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	909.24	905.99	880.06	829.15	753.23	653.48	531.18	390.92	239.59	73.49
OB	909.24	905.99	880.06	829.15	753.23	653.48	531.18	390.92	239.59	73.49
OC	909.24	905.99	880.06	829.15	753.23	653.48	531.18	390.92	239.59	73.49
OD	909.24	905.99	880.06	829.15	753.23	653.48	531.18	390.92	239.59	73.49



5.00	17.73	36	7		
4.00	14.18	57	11		
3.00	10.64	101	20		
2.00	7.09	227	45		
1.00	3.55	909	180		
H[m]	D[m]	Max lux	Med lux	Alpha=60.6°+60.6°	G=0.0

5.00	17.73	36	7		
4.00	14.18	57	11		
3.00	10.64	101	20		
2.00	7.09	227	45		
1.00	3.55	909	180		
H[m]	D[m]	Max lux	Med lux	Beta=60.6°+60.6°	G=0.0