

Luminaire

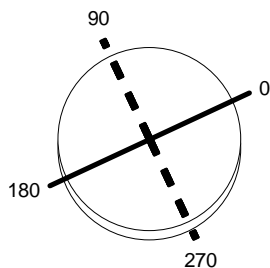
Code 1607010A
Name IPPARCO LED T NERO

Measur.

Code FTS0002503
Name IPPARCO LED T NERO

Luminaire Flux	453.62 lm	Luminaire Power	8.00 W	Efficacy	56.70 lm/W	Efficiency	100.00%
Lamps Flux	453.62 lm	Maximum value	326.99 cd/klm	Position	C=80.00 G=0.00	CG	Double Symmetrical
Round Luminaire		Diam.	170 mm	Height	20 mm		
Round Luminous Area		Diam.	165 mm	Height	17 mm		
Horizontal Luminous Area	0.021382 m2	Emitting area on Plane 180°		Emitting area on Plane 270°	0.002805 m2		
Emitting area on Plane 0°	0.002805 m2	Emitting area on Plane 90°	0.002805 m2	Glare area at 76°	0.007895 m2		
Coordinate system	CG	Symmetry Type		Double Symmetrical			
Date	01-02-2013	Maximum Gamma Angle	180				
Measurement Distance	0.00	Measurement Flux	453.62 lm				
ALDER							
C.I.E.	46 75 94 83 100	D DIN 5040	B31				
F UTE	0.83 E + 0.17 T	B NBN	BZ 5				

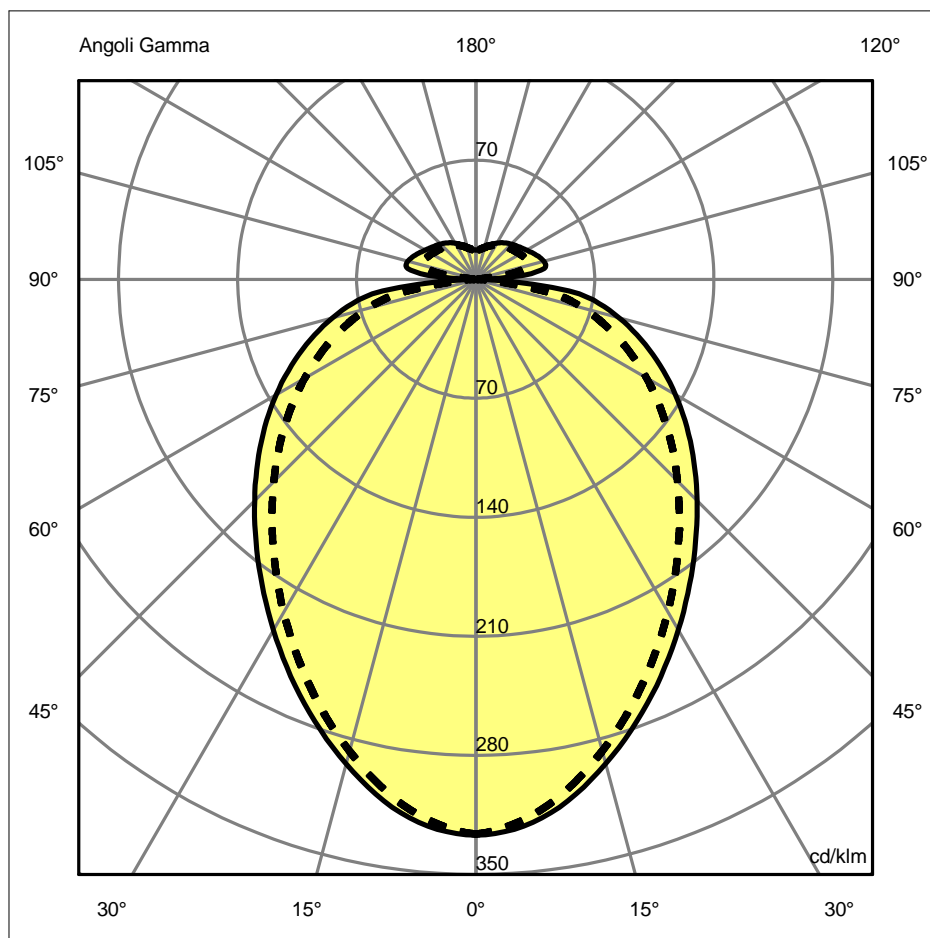
Diam=170mm



Semipiani C

180.0 ——— 0.0
270.0 - - - - 90.0

ULOR 17.01 %
DLOR 82.99 %
RN 17.01 %



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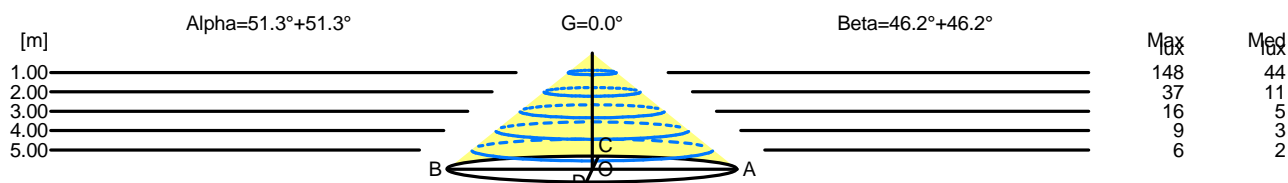
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Coordinate system	CG			Symmetry Type		Double Symmetrical	
Date	01-02-2013			Maximum Gamma Angle		180	
Measurement Distance	0.00			Measurement Flux		453.62 lm	
ALDER							
C.I.E.	46 75 94 83 100			D DIN 5040	B31		
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Width 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	1.25	2.49	3.74	4.99	6.24	OC	1.04	2.09	3.13	4.18	5.22
OB	1.25	2.49	3.74	4.99	6.24	OD	1.04	2.09	3.13	4.18	5.22

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	148.21	146.39	133.78	116.80	99.41	83.42	68.71	54.21	39.55	15.19
OB	148.21	146.39	133.78	116.80	99.41	83.42	68.71	54.21	39.55	15.19
OC	148.02	144.86	130.31	111.89	93.33	76.13	60.26	44.98	29.64	3.37
OD	148.02	144.86	130.31	111.89	93.33	76.13	60.26	44.98	29.64	3.37



H[m]	D[m]	Max lux	Med lux	Alpha=51.3°+51.3°	G=0.0
1.00	2.49	148	44		
2.00	4.99	37	11		
3.00	7.48	16	5		
4.00	9.98	9	3		
5.00	12.47	6	2		

H[m]	D[m]	Max lux	Med lux	Beta=46.2°+46.2°	G=0.0
1.00	2.09	148	44		
2.00	4.18	37	11		
3.00	6.26	16	5		
4.00	8.35	9	3		
5.00	10.44	6	2		

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Measurement

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Lamps Flux	453.62 lm	Maximum value	326.99 cd/klm	Position	C=80.00 G=0.00	CG	Double Symmetrical

UGR
S = 0.250

Reflectancies										
Ceiling/Cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
WorkingPlane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
RoomDimensions	ViewedCrosswise					ViewedEndwise				
x=2H y=2H	16.7	17.9	17.3	18.4	18.4	16.2	17.3	16.7	17.8	18.4
x=2H y=3H	18.7	19.8	19.3	20.3	20.1	17.9	19.0	18.5	19.5	20.1
x=2H y=4H	19.7	20.7	20.3	21.2	20.9	18.8	19.7	19.3	20.3	20.9
x=2H y=6H	20.6	21.5	21.2	22.1	21.5	19.4	20.3	20.0	20.9	21.5
x=2H y=8H	21.0	21.8	21.6	22.4	21.6	19.5	20.3	20.1	20.9	21.6
x=2H y=12H	21.1	21.9	21.7	22.5	21.6	19.5	20.3	20.1	20.9	21.6
x=4H y=2H	17.4	18.4	18.0	19.0	19.2	17.0	18.0	17.6	18.5	19.2
x=4H y=3H	19.6	20.5	20.3	21.1	21.1	19.0	19.8	19.6	20.4	21.1
x=4H y=4H	20.8	21.5	21.4	22.1	22.0	19.9	20.6	20.5	21.3	22.0
x=4H y=6H	21.8	22.5	22.5	23.1	22.7	20.7	21.3	21.3	22.0	22.7
x=4H y=8H	22.2	22.8	22.9	23.5	22.8	20.8	21.4	21.5	22.1	22.8
x=4H y=12H	22.4	23.0	23.1	23.6	22.8	20.8	21.4	21.5	22.0	22.8
x=8H y=4H	21.1	21.7	21.8	22.4	22.4	20.4	21.0	21.1	21.6	22.4
x=8H y=6H	22.4	22.9	23.1	23.5	23.3	21.3	21.8	22.0	22.5	23.3
x=8H y=8H	22.9	23.3	23.6	24.0	23.5	21.5	22.0	22.3	22.7	23.5
x=8H y=12H	23.1	23.5	23.8	24.2	23.5	21.6	21.9	22.3	22.7	23.5
x=12H y=4H	21.2	21.7	21.9	22.4	22.5	20.5	21.0	21.2	21.7	22.5
x=12H y=6H	22.4	22.9	23.2	23.6	23.4	21.5	21.9	22.2	22.6	23.4
x=12H y=8H	23.0	23.3	23.7	24.1	23.6	21.7	22.1	22.4	22.8	23.6