

Luminaire

Code AD16301
Name PICTO 100 New led Orizzontale DIM Bianco 3000K very wide flood

Measurem.

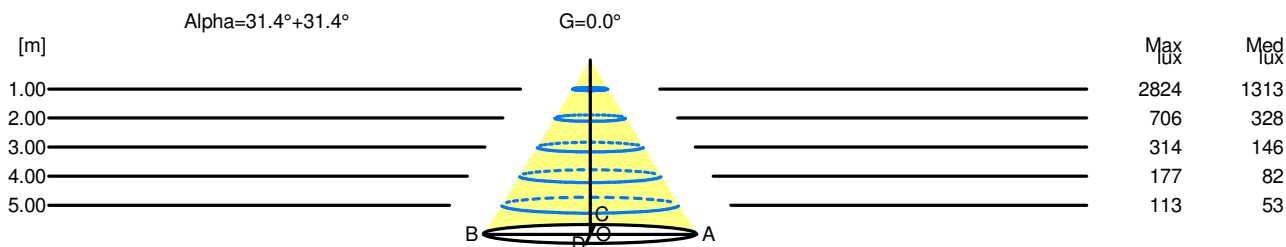
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Luminaire Flux	2835.80 lm	Luminaire Power	35.00 W	Efficacy	81.02 lm/W	Efficiency	100.00%
Lamps Flux	2835.80 lm	Maximum value	995.88 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire Round Luminous Area		Diam. Diam.	100 mm 80 mm	Height Height	100 mm 0 mm		
Horizontal Luminous Area Emitting area on Plane 0° Emitting area on Plane 90°		0.005027 m2 0.000000 m2 0.000000 m2		Emitting area on Plane 180° Emitting area on Plane 270° Glare area at 76°		0.000000 m2 0.000000 m2 0.001216 m2	
Coordinate system Date Measurement Distance		CG 20-04-2017 0.00		Symmetry Type Maximum Gamma Angle Measurement Flux		Rotosymmetrical 180 2835.80 lm	
LED Flux=3501lm LED Power=31W Eff=81% EfcLed=113lm/W EfcLum=81lm/W Ra=90 SDCM=3 L70(6K)=50000h							
C.I.E. F UTE	84 94 99 100 100 1.00 A			D DIN 5040 B NBN	A60 BZ 1		

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	0.61	1.22	1.83	2.44	3.05	OC	0.61	1.22	1.83	2.44	3.05
OB	0.61	1.22	1.83	2.44	3.05	OD	0.61	1.22	1.83	2.44	3.05

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	2824.11	2691.77	2200.00	1716.06	1134.21	264.17	139.32	82.61	55.06	15.96
OB	2824.11	2691.77	2200.00	1716.06	1134.21	264.17	139.32	82.61	55.06	15.96
OC	2824.11	2691.77	2200.00	1716.06	1134.21	264.17	139.32	82.61	55.06	15.96
OD	2824.11	2691.77	2200.00	1716.06	1134.21	264.17	139.32	82.61	55.06	15.96



H[m]	D[m]	Max lux	Med lux	Alpha=31.4°+31.4°	G=0.0	
1.00	1.22	2824	1313			
2.00	2.44	706	328			
3.00	3.67	314	146			
4.00	4.89	177	82			
5.00	6.11	113	53			

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Measur.

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Luminaire Flux	2835.80 lm	Luminaire Power	35.00 W	Efficacy	81.02 lm/W	Efficiency	100.00%
Lamps Flux	2835.80 lm	Maximum value	995.88 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

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	24.5	25.3	24.8	25.5	25.7	24.5	25.3	24.8	25.5	25.7
x=2H y=3H	25.1	25.8	25.4	26.1	26.3	25.1	25.8	25.4	26.1	26.3
x=2H y=4H	25.5	26.2	25.8	26.5	26.7	25.5	26.2	25.8	26.5	26.7
x=2H y=6H	25.9	26.5	26.2	26.8	27.1	25.9	26.5	26.2	26.8	27.1
x=2H y=8H	26.0	26.6	26.3	26.9	27.2	26.0	26.6	26.3	26.9	27.2
x=2H y=12H	26.1	26.7	26.4	27.0	27.3	26.1	26.7	26.4	27.0	27.3
x=4H y=2H	24.7	25.4	25.0	25.6	25.9	24.7	25.4	25.0	25.6	25.9
x=4H y=3H	25.5	26.1	25.9	26.4	26.7	25.5	26.1	25.9	26.4	26.7
x=4H y=4H	26.1	26.6	26.5	26.9	27.3	26.1	26.6	26.5	26.9	27.3
x=4H y=6H	26.6	27.1	27.0	27.4	27.8	26.6	27.1	27.0	27.4	27.8
x=4H y=8H	26.8	27.2	27.2	27.6	28.0	26.8	27.2	27.2	27.6	28.0
x=4H y=12H	27.0	27.3	27.4	27.7	28.1	27.0	27.3	27.4	27.7	28.1
x=8H y=4H	26.4	26.8	26.8	27.1	27.5	26.4	26.8	26.8	27.1	27.5
x=8H y=6H	27.0	27.3	27.5	27.7	28.2	27.0	27.3	27.5	27.7	28.2
x=8H y=8H	27.3	27.5	27.7	28.0	28.5	27.3	27.5	27.7	28.0	28.5
x=8H y=12H	27.5	27.7	28.0	28.2	28.7	27.5	27.7	28.0	28.2	28.7
x=12H y=4H	26.4	26.7	26.8	27.1	27.6	26.4	26.7	26.8	27.1	27.6
x=12H y=6H	27.1	27.3	27.5	27.8	28.2	27.1	27.3	27.5	27.8	28.2
x=12H y=8H	27.4	27.6	27.9	28.1	28.6	27.4	27.6	27.9	28.1	28.6