

Luminaire

Code OPYO SUSPENSION
Name OPYO SUSPENSION

Measurement

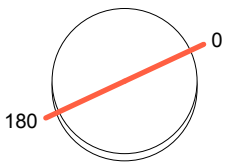
Code 0031FT20
Name OPYO SUSPENSION

Luminaire Flux	1287.36 lm	Luminaire Power	13.50 W	Efficacy	95.36 lm/W	Efficiency	84.64%
Sources Flux	1521.00 lm	Maximum value	236.56 cd/klm	Position	C=0.00 G=0.00	CG Rotosymmetrical	
Round Luminaire		Diam.	220 mm	Height	270 mm		
Round Luminous Area		Diam.	220 mm	Height	270 mm		
Horizontal Luminous Area		0.038013 m2		Emitting area on Plane 180°	0.059400 m2		
Emitting area on Plane 0°		0.059400 m2		Emitting area on Plane 270°	0.059400 m2		
Emitting area on Plane 90°		0.059400 m2		Glare area at 76°	0.066832 m2		
Coordinate system		CG		Symmetry Type	Rotosymmetrical		
Date		24-02-2020		Maximum Gamma Angle	180		
Measurement Distance		0.00		Measurement Flux	1521.00 lm		

Luminaire Sources

Line		Flux [lm]	Pow. [W]	Q.ty
PHILIPS E27 LED SOURCE - 13,5W - Nominal Lumen 1521lm - 2700K - CRI80		1521.00	13.50	1
C.I.E.	41 60 81 60 85			
F UTE	0.51 G + 0.34 T			
		D DIN 5040	C31	
		B NBN	BZ 5 / 1 / BZ 6	

Diam=220mm



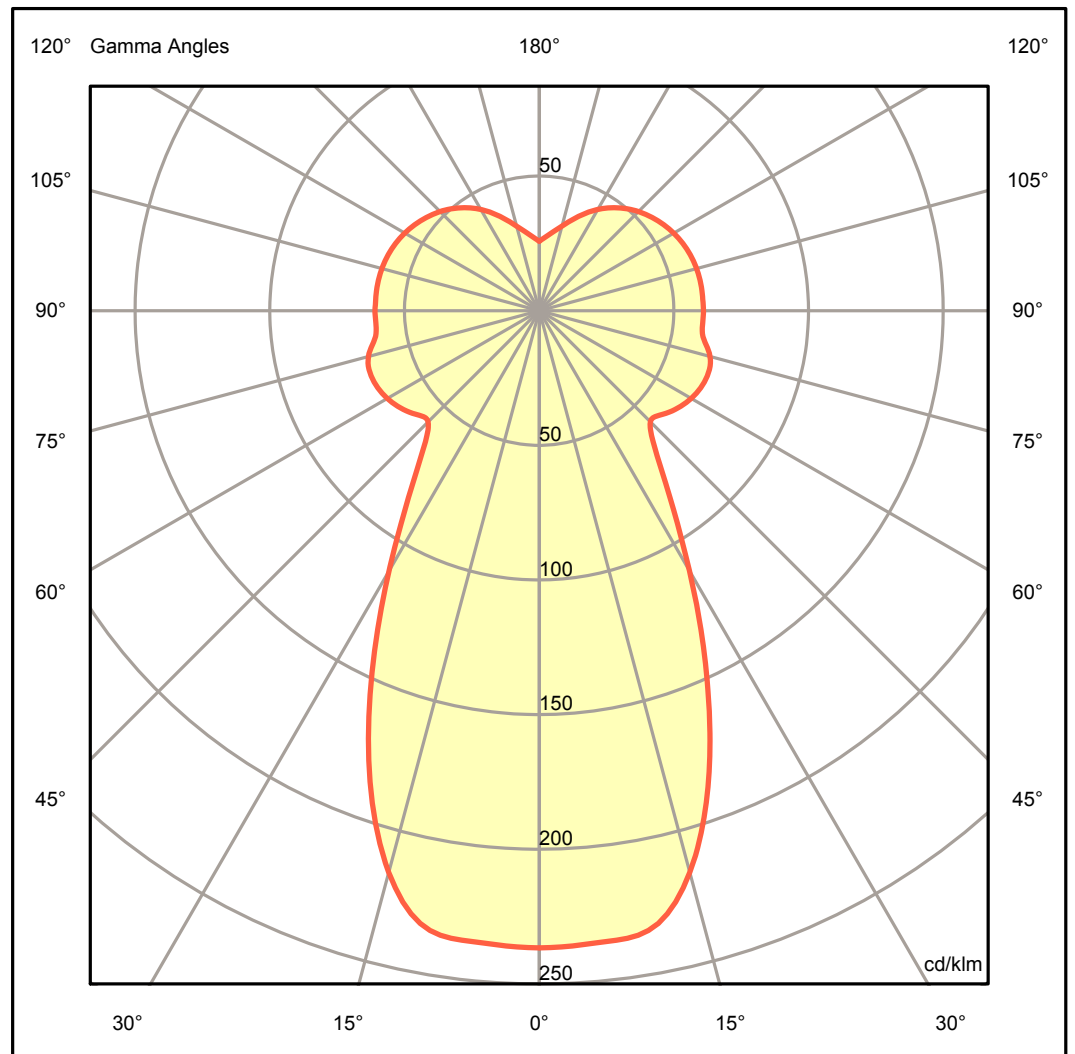
C Halfplanes

180.0 — 0.0

ULOR 33.93 %

DLOR 50.71 %

RN 40.09 %



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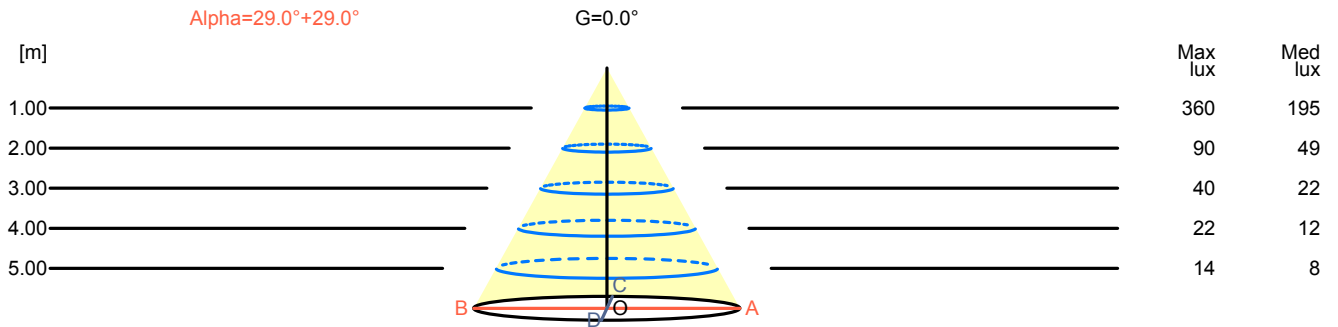
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Width at 50.00 % of Max Intensity

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	0.55	1.11	1.66	2.21	2.77	OC	0.55	1.11	1.66	2.21	2.77
OB	0.55	1.11	1.66	2.21	2.77	OD	0.55	1.11	1.66	2.21	2.77

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	359.80	358.53	328.36	222.80	128.66	88.77	95.63	101.16	99.83	92.55
OB	359.80	358.53	328.36	222.80	128.66	88.77	95.63	101.16	99.83	92.55
OC	359.80	358.53	328.36	222.80	128.66	88.77	95.63	101.16	99.83	92.55
OD	359.80	358.53	328.36	222.80	128.66	88.77	95.63	101.16	99.83	92.55



H[m]	D[m]	Max lux	Med lux	Alpha=29.0°+29.0°	G=0.0
1.00	1.11	360	195		
2.00	2.21	90	49		
3.00	3.32	40	22		
4.00	4.43	22	12		
5.00	5.53	14	8		

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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
Working Plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room Dimensions	Lateral View					Viewed Endwise				
x=2H y=2H	11.5	12.4	12.3	13.2	14.2	11.5	12.4	12.3	13.2	14.2
x=2H y=3H	14.2	15.1	15.1	15.9	17.0	14.2	15.1	15.1	15.9	17.0
x=2H y=4H	15.7	16.5	16.5	17.3	18.4	15.7	16.5	16.5	17.3	18.4
x=2H y=6H	17.0	17.8	17.9	18.6	19.7	17.0	17.8	17.9	18.6	19.7
x=2H y=8H	17.6	18.4	18.5	19.2	20.3	17.6	18.4	18.5	19.2	20.3
x=2H y=12H	18.3	19.0	19.1	19.9	20.9	18.3	19.0	19.1	19.9	20.9
x=4H y=2H	11.5	12.3	12.4	13.2	14.2	11.5	12.3	12.4	13.2	14.2
x=4H y=3H	14.4	15.1	15.3	16.0	17.1	14.4	15.1	15.3	16.0	17.1
x=4H y=4H	16.0	16.6	16.9	17.5	18.6	16.0	16.6	16.9	17.5	18.6
x=4H y=6H	17.5	18.1	18.4	19.0	20.1	17.5	18.1	18.4	19.0	20.1
x=4H y=8H	18.3	18.8	19.2	19.7	20.9	18.3	18.8	19.2	19.7	20.9
x=4H y=12H	19.1	19.6	20.1	20.5	21.7	19.1	19.6	20.1	20.5	21.7
x=8H y=4H	16.8	17.3	17.7	18.2	19.3	16.8	17.3	17.7	18.2	19.3
x=8H y=6H	18.1	18.6	19.1	19.5	20.7	18.1	18.6	19.1	19.5	20.7
x=8H y=8H	18.9	19.3	19.9	20.3	21.5	18.9	19.3	19.9	20.3	21.5
x=8H y=12H	19.9	20.2	20.8	21.2	22.4	19.9	20.2	20.8	21.2	22.4
x=12H y=4H	16.7	17.2	17.6	18.1	19.3	16.7	17.2	17.6	18.1	19.3
x=12H y=6H	18.1	18.5	19.1	19.5	20.7	18.1	18.5	19.1	19.5	20.7
x=12H y=8H	19.0	19.3	19.9	20.3	21.5	19.0	19.3	19.9	20.3	21.5

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Measur.

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Isolux (Floor)

Luminaire position X=0.00m Y=0.00m Z=2.50m

