

Luminaire

Code GIASS 50

Name GIASS 50

Measurment.

Code 0063FT20

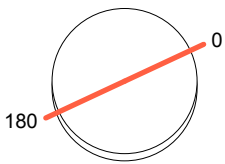
Name GIASS 50

Luminaire Flux	1809.40 lm	Luminaire Power	46.00 W	Efficacy	39.33 lm/W	Efficiency	100.00%
Sources Flux	1809.40 lm	Maximum value	492.10 cd/klm	Position	C=0.00 G=0.00	CG Rotosymmetrical	
Round Luminaire		Diam.	500 mm	Height	260 mm		
Round Luminous Area		Diam.	430 mm	Height	0 mm		
Horizontal Luminous Area	0.145220 m2			Emitting area on Plane 180°	0.000000 m2		
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°	0.035132 m2		
Coordinate system	CG			Symmetry Type	Rotosymmetrical		
Date	01-06-2020			Maximum Gamma Angle	180		
Measurement Distance	0.00			Measurement Flux	1809.40 lm		

Luminaire Sources

Line		Flux [lm]	Pow. [W]	Q.ty
Board LED SMD - 40,5W - Nominal Lumen 3920lm - 2700K - CRI90		1809.40	46.00	1
C.I.E.	58 86 97 100 100			
F UTE	1.00 D			
		D DIN 5040	A40	
		B NBN	BZ 3	

Diam=500mm



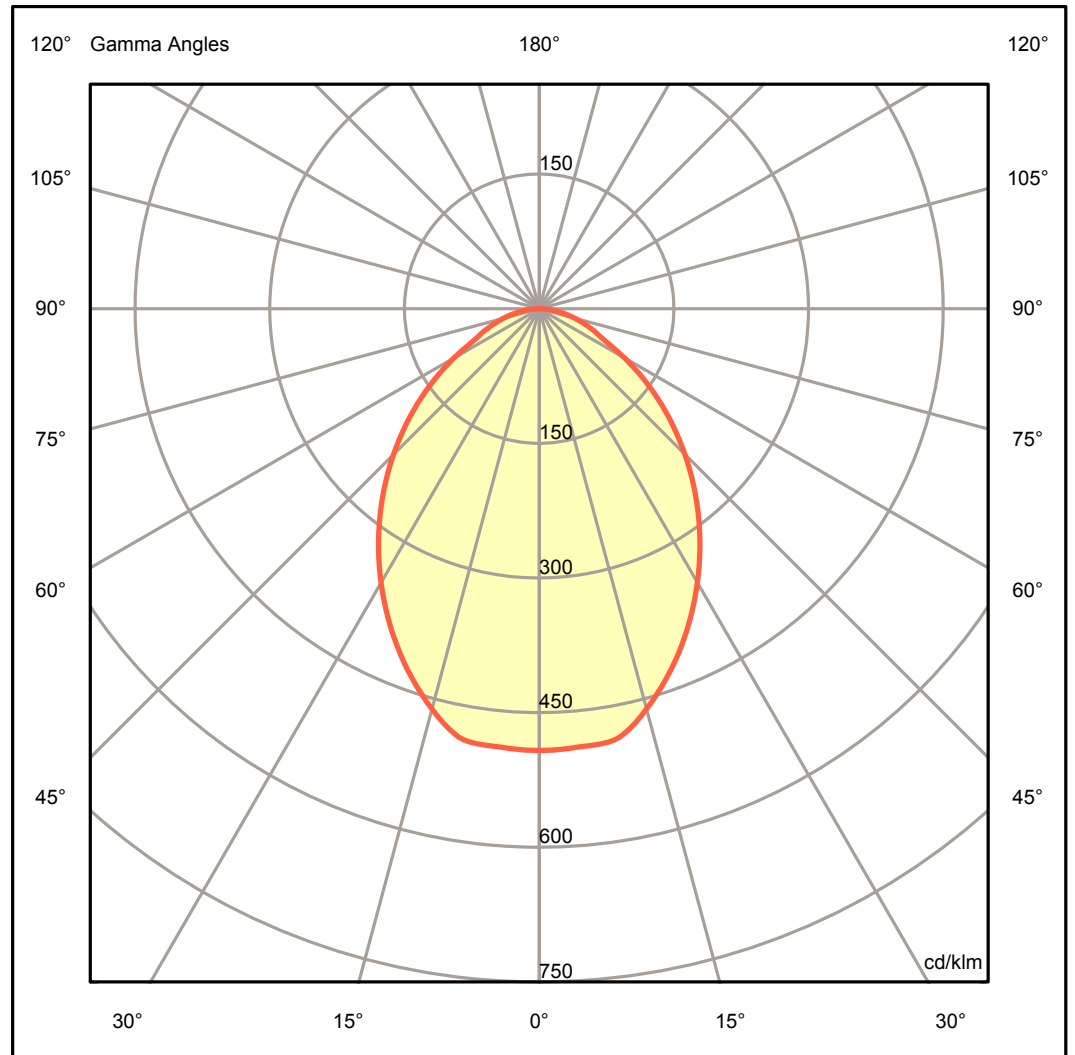
C Halfplanes

180.0 — 0.0

ULOR 0.33 %

DLOR 99.67 %

RN 0.33 %



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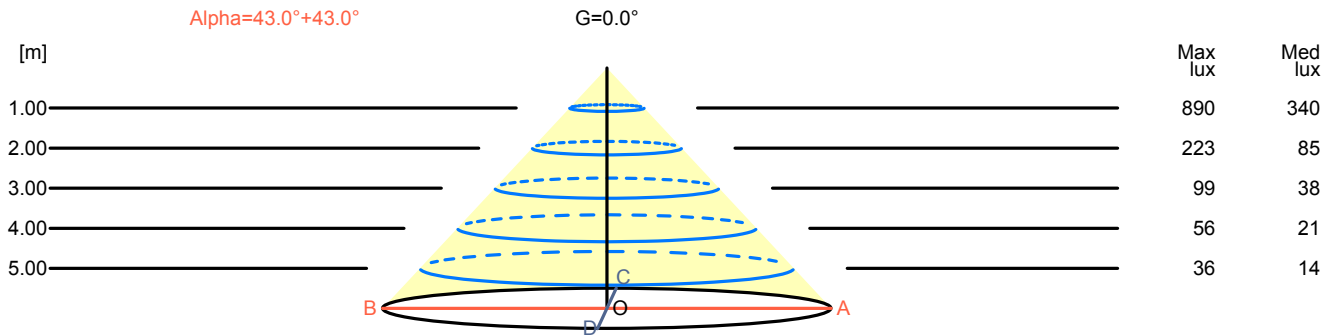
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Width at 50.00 % of Max Intensity

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	0.93	1.87	2.80	3.73	4.66	OC	0.93	1.87	2.80	3.73	4.66
OB	0.93	1.87	2.80	3.73	4.66	OD	0.93	1.87	2.80	3.73	4.66

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	890.40	887.22	835.32	708.19	564.55	415.47	268.31	138.05	75.04	21.52
OB	890.40	887.22	835.32	708.19	564.55	415.47	268.31	138.05	75.04	21.52
OC	890.40	887.22	835.32	708.19	564.55	415.47	268.31	138.05	75.04	21.52
OD	890.40	887.22	835.32	708.19	564.55	415.47	268.31	138.05	75.04	21.52



H[m]	D[m]	Max lux	Med lux	Alpha=43.0°+43.0°	G=0.0	
1.00	1.87	890	340			
2.00	3.73	223	85			
3.00	5.60	99	38			
4.00	7.46	56	21			
5.00	9.33	36	14			

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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	16.7	17.9	17.0	18.1	18.3	16.7	17.9	17.0	18.1	18.3
x=2H y=3H	17.8	18.9	18.2	19.1	19.4	17.8	18.9	18.2	19.1	19.4
x=2H y=4H	18.4	19.4	18.7	19.7	19.9	18.4	19.4	18.7	19.7	19.9
x=2H y=6H	18.9	19.8	19.2	20.1	20.4	18.9	19.8	19.2	20.1	20.4
x=2H y=8H	19.0	19.9	19.4	20.2	20.6	19.0	19.9	19.4	20.2	20.6
x=2H y=12H	19.2	20.0	19.5	20.3	20.7	19.2	20.0	19.5	20.3	20.7
x=4H y=2H	16.6	17.6	16.9	17.9	18.2	16.6	17.6	16.9	17.9	18.2
x=4H y=3H	17.8	18.7	18.2	19.0	19.3	17.8	18.7	18.2	19.0	19.3
x=4H y=4H	18.5	19.2	18.9	19.6	19.9	18.5	19.2	18.9	19.6	19.9
x=4H y=6H	19.1	19.8	19.5	20.1	20.5	19.1	19.8	19.5	20.1	20.5
x=4H y=8H	19.4	20.0	19.8	20.4	20.8	19.4	20.0	19.8	20.4	20.8
x=4H y=12H	19.6	20.1	20.0	20.5	21.0	19.6	20.1	20.0	20.5	21.0
x=8H y=4H	18.8	19.4	19.2	19.8	20.2	18.8	19.4	19.2	19.8	20.2
x=8H y=6H	19.4	19.9	19.8	20.3	20.8	19.4	19.9	19.8	20.3	20.8
x=8H y=8H	19.7	20.1	20.2	20.5	21.0	19.7	20.1	20.2	20.5	21.0
x=8H y=12H	19.9	20.3	20.4	20.8	21.3	19.9	20.3	20.4	20.8	21.3
x=12H y=4H	18.7	19.3	19.2	19.7	20.1	18.7	19.3	19.2	19.7	20.1
x=12H y=6H	19.4	19.8	19.8	20.2	20.7	19.4	19.8	19.8	20.2	20.7
x=12H y=8H	19.7	20.0	20.2	20.5	21.0	19.7	20.0	20.2	20.5	21.0

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Isolux (Floor)

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

