

Luminaire

Code YUMA
Name YUMA

Measurerm.

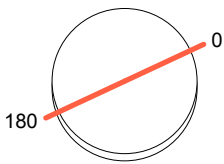
Code 0053FT20
Name YUMA

Luminaire Flux	449.33 lm	Luminaire Power	13.50 W	Efficacy	33.28 lm/W	Efficiency	29.54%
Sources Flux	1521.00 lm	Maximum value	101.17 cd/klm	Position	C=0.00 G=19.00	CG	Rotosymmetrical
Round Luminaire		Diam.	105 mm	Height	230 mm		
Round Luminous Area		Diam.	98 mm	Height	50 mm		
Horizontal Luminous Area	0.007543 m2			Emitting area on Plane 180°	0.004900 m2		
Emitting area on Plane 0°	0.004900 m2			Emitting area on Plane 270°	0.004900 m2		
Emitting area on Plane 90°	0.004900 m2			Glare area at 76°	0.006579 m2		
Coordinate system	CG	Symmetry Type		Maximum Gamma Angle	180	Measurement Distance	1521.00 lm
Date	28-04-2020						
Measurement Distance	0.00						

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.	49 80 96 98 30			
F UTE	0.29 E			
		D DIN 5040	A31	
		B NBN	BZ 4	

Diam=105mm



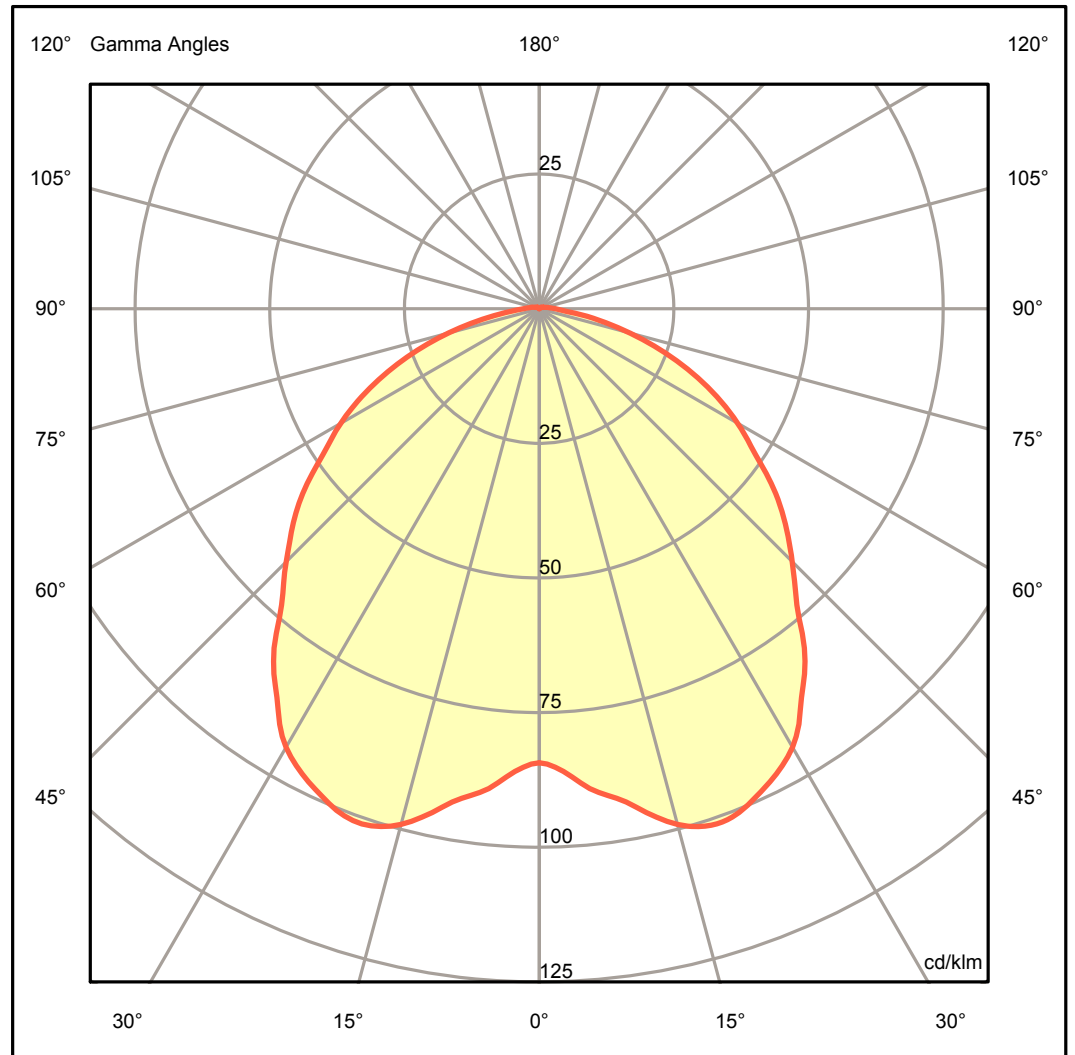
C Halfplanes

180.0 — 0.0

ULOR 0.49 %

DLOR 29.06 %

RN 1.64 %



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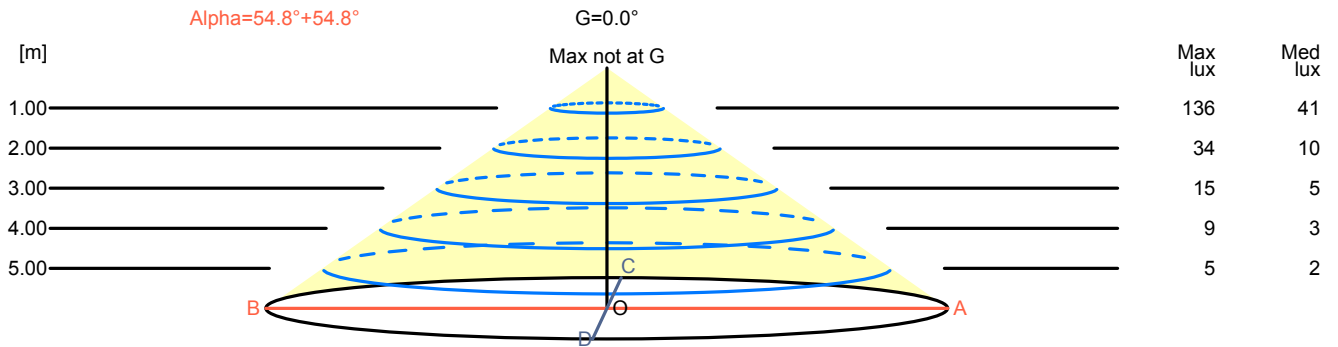
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Width at 50.00 % of Max Intensity

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	1.42	2.84	4.25	5.67	7.09	OC	1.42	2.84	4.25	5.67	7.09
OB	1.42	2.84	4.25	5.67	7.09	OD	1.42	2.84	4.25	5.67	7.09

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	128.23	134.42	150.76	149.71	129.92	101.04	76.39	52.56	26.50	7.54
OB	128.23	134.42	150.76	149.71	129.92	101.04	76.39	52.56	26.50	7.54
OC	128.23	134.42	150.76	149.71	129.92	101.04	76.39	52.56	26.50	7.54
OD	128.23	134.42	150.76	149.71	129.92	101.04	76.39	52.56	26.50	7.54



H[m]	D[m]	Max lux	Med lux	Alpha=54.8°+54.8°	G=0.0 Max not at G
1.00	2.84	136	41		
2.00	5.67	34	10		
3.00	8.51	15	5		
4.00	11.34	9	3		
5.00	14.18	5	2		

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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	21.0	22.2	21.3	22.5	22.8	21.0	22.2	21.3	22.5	22.8
x=2H y=3H	22.2	23.4	22.6	23.7	24.0	22.2	23.4	22.6	23.7	24.0
x=2H y=4H	22.7	23.8	23.0	24.1	24.4	22.7	23.8	23.0	24.1	24.4
x=2H y=6H	22.9	24.0	23.3	24.3	24.7	22.9	24.0	23.3	24.3	24.7
x=2H y=8H	23.0	24.0	23.4	24.3	24.7	23.0	24.0	23.4	24.3	24.7
x=2H y=12H	23.0	24.0	23.4	24.3	24.7	23.0	24.0	23.4	24.3	24.7
x=4H y=2H	20.8	21.9	21.2	22.3	22.5	20.8	21.9	21.2	22.3	22.5
x=4H y=3H	22.2	23.1	22.6	23.5	23.8	22.2	23.1	22.6	23.5	23.8
x=4H y=4H	22.7	23.5	23.1	23.9	24.3	22.7	23.5	23.1	23.9	24.3
x=4H y=6H	23.0	23.8	23.5	24.2	24.6	23.0	23.8	23.5	24.2	24.6
x=4H y=8H	23.2	23.8	23.6	24.3	24.7	23.2	23.8	23.6	24.3	24.7
x=4H y=12H	23.2	23.8	23.7	24.2	24.7	23.2	23.8	23.7	24.2	24.7
x=8H y=4H	22.9	23.5	23.3	24.0	24.4	22.9	23.5	23.3	24.0	24.4
x=8H y=6H	23.2	23.7	23.7	24.2	24.7	23.2	23.7	23.7	24.2	24.7
x=8H y=8H	23.3	23.8	23.8	24.2	24.7	23.3	23.8	23.8	24.2	24.7
x=8H y=12H	23.4	23.8	23.9	24.3	24.8	23.4	23.8	23.9	24.3	24.8
x=12H y=4H	22.8	23.4	23.3	23.8	24.3	22.8	23.4	23.3	23.8	24.3
x=12H y=6H	23.2	23.6	23.7	24.1	24.6	23.2	23.6	23.7	24.1	24.6
x=12H y=8H	23.3	23.7	23.8	24.2	24.7	23.3	23.7	23.8	24.2	24.7

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Isolux (Floor)

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

