

## Luminaire

Code TRIPOD CEILING  
Name TRIPOD CEILING

## Measurerm.

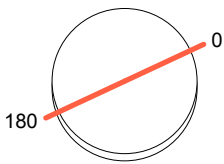
Code 0032FT20  
Name TRIPOD CEILING

Luminaire Flux	3886.74 lm	Luminaire Power	40.50 W	Efficacy	95.97 lm/W	Efficiency	85.18%
Sources Flux	4563.00 lm	Maximum value	238.08 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire		Diam.	550 mm	Height	280 mm		
Round Luminous Area		Diam.	550 mm	Height	280 mm		
Horizontal Luminous Area	0.237583 m2			Emitting area on Plane 180°	0.154000 m2		
Emitting area on Plane 0°	0.154000 m2			Emitting area on Plane 270°	0.154000 m2		
Emitting area on Plane 90°	0.154000 m2			Glare area at 76°	0.206902 m2		
Coordinate system	CG			Symmetry Type			Rotosymmetrical
Date	01-05-2020			Maximum Gamma Angle			180
Measurement Distance	0.00			Measurement Flux			4563.00 lm

## Luminaire Sources

Line		Flux [lm]	Pow. [W]	Q.ty
PHILIPS E27 LED SOURCE - 13,5W - Nominal Lumen 1521lm - 2700K - CR180		1521.00	13.50	3
C.I.E.	46 82 95 91 85			
F UTE	0.77 F + 0.08 T			
		D DIN 5040	A31	
		B NBN	BZ 5 / 1 / BZ 4	

Diam=550mm



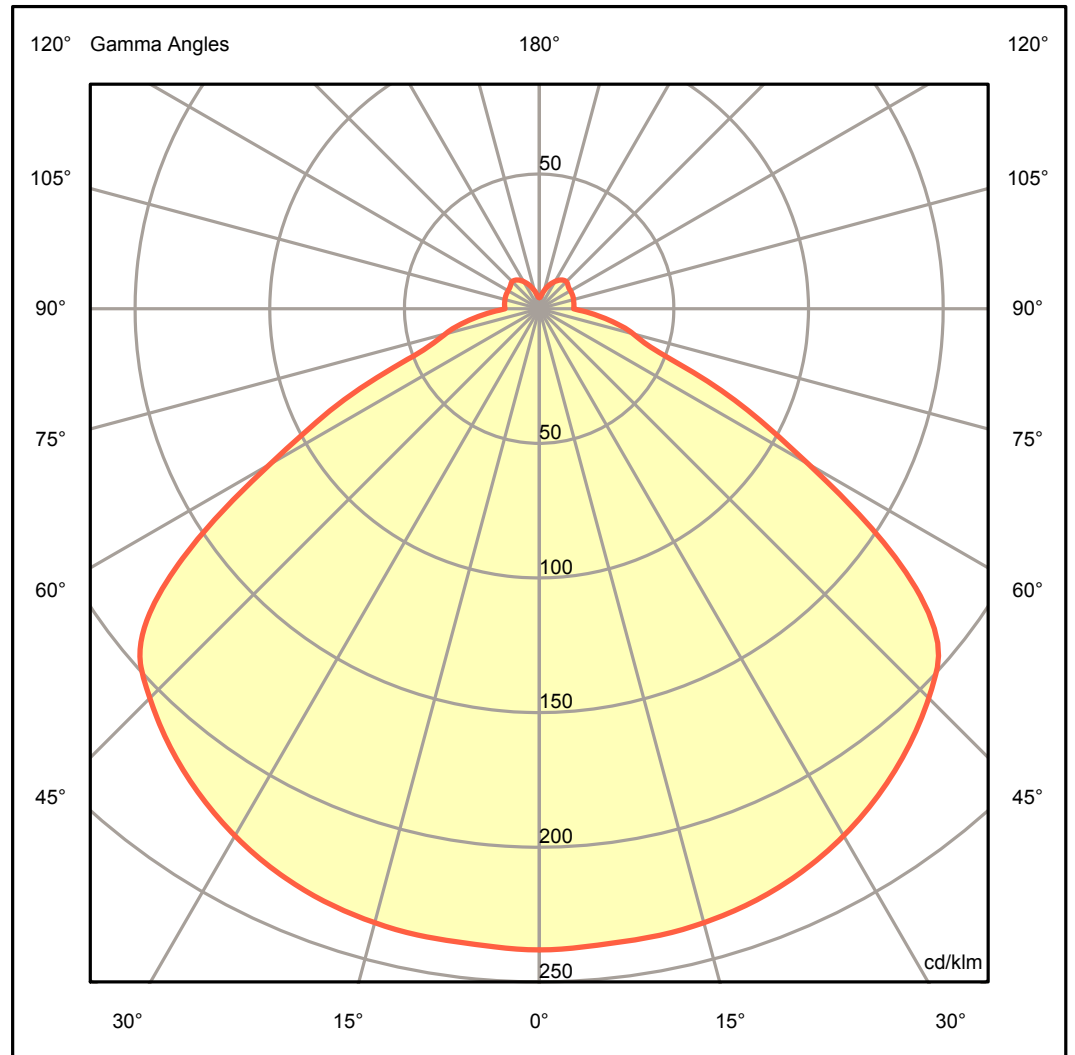
C Halfplanes

180.0 — 0.0

ULOR 7.97 %

DLOR 77.21 %

RN 9.36 %



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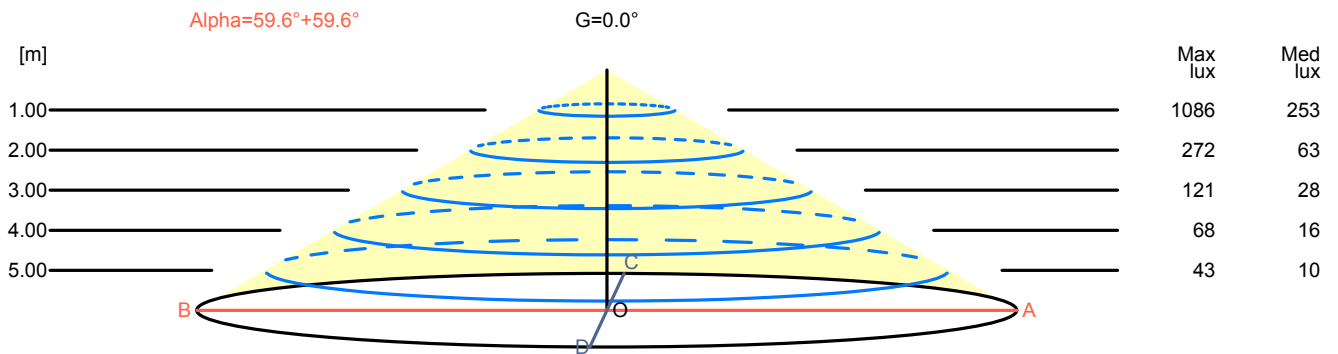
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Width at 50.00 % of Max Intensity

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	1.71	3.41	5.12	6.82	8.53	OC	1.71	3.41	5.12	6.82	8.53
OB	1.71	3.41	5.12	6.82	8.53	OD	1.71	3.41	5.12	6.82	8.53

	Luminous Intensities [ cd/klm ]									
	0	5	15	25	35	45	55	65	75	85
OA	1086.38	1082.97	1077.02	1052.48	1003.73	932.84	737.90	364.27	165.44	87.65
OB	1086.38	1082.97	1077.02	1052.48	1003.73	932.84	737.90	364.27	165.44	87.65
OC	1086.38	1082.97	1077.02	1052.48	1003.73	932.84	737.90	364.27	165.44	87.65
OD	1086.38	1082.97	1077.02	1052.48	1003.73	932.84	737.90	364.27	165.44	87.65



H[m]	D[m]	Max lux	Med lux	Alpha=59.6°+59.6°	G=0.0
1.00	3.41	1086	253		
2.00	6.82	272	63		
3.00	10.23	121	28		
4.00	13.64	68	16		
5.00	17.05	43	10		

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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	16.3	17.5	16.7	17.9	18.3	16.3	17.5	16.7	17.9	18.3
x=2H y=3H	16.8	17.9	17.3	18.4	18.8	16.8	17.9	17.3	18.4	18.8
x=2H y=4H	17.1	18.1	17.5	18.5	19.0	17.1	18.1	17.5	18.5	19.0
x=2H y=6H	17.3	18.2	17.8	18.7	19.2	17.3	18.2	17.8	18.7	19.2
x=2H y=8H	17.4	18.3	17.9	18.8	19.3	17.4	18.3	17.9	18.8	19.3
x=2H y=12H	17.5	18.3	18.0	18.8	19.3	17.5	18.3	18.0	18.8	19.3
x=4H y=2H	16.0	17.0	16.5	17.5	18.0	16.0	17.0	16.5	17.5	18.0
x=4H y=3H	16.7	17.5	17.2	18.0	18.5	16.7	17.5	17.2	18.0	18.5
x=4H y=4H	17.0	17.7	17.5	18.2	18.8	17.0	17.7	17.5	18.2	18.8
x=4H y=6H	17.3	18.0	17.9	18.5	19.1	17.3	18.0	17.9	18.5	19.1
x=4H y=8H	17.5	18.1	18.1	18.6	19.2	17.5	18.1	18.1	18.6	19.2
x=4H y=12H	17.6	18.2	18.2	18.7	19.4	17.6	18.2	18.2	18.7	19.4
x=8H y=4H	17.1	17.7	17.7	18.2	18.9	17.1	17.7	17.7	18.2	18.9
x=8H y=6H	17.4	17.9	18.0	18.5	19.2	17.4	17.9	18.0	18.5	19.2
x=8H y=8H	17.6	18.1	18.2	18.7	19.4	17.6	18.1	18.2	18.7	19.4
x=8H y=12H	17.8	18.2	18.5	18.8	19.5	17.8	18.2	18.5	18.8	19.5
x=12H y=4H	17.0	17.6	17.6	18.2	18.8	17.0	17.6	17.6	18.2	18.8
x=12H y=6H	17.4	17.8	18.0	18.4	19.1	17.4	17.8	18.0	18.4	19.1
x=12H y=8H	17.6	18.0	18.2	18.6	19.3	17.6	18.0	18.2	18.6	19.3

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Isolux (Floor)

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

