

Luminaire

Code EN05NW
Name XEON

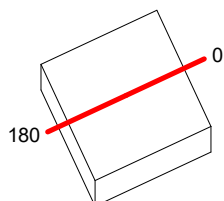
Measurement

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Luminaire Flux	2774.22 lm	Luminaire Power	36.00 W	Efficacy	77.06 lm/W	Efficiency	99.97%
Lamps Flux	2775.00 lm	Maximum value	274.03 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Rectangular Luminaire		Length	430 mm	Width	430 mm	Height	70 mm
Rectangular Luminous Area		Length	430 mm	Width	430 mm	Height	0 mm
Horizontal Luminous Area		0.184900 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°		0.044731 m2	
Coordinate system		CG		Symmetry Type		Rotosymmetrical	
Date		03-09-2021		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		2775.00 lm	
Operator				Source Voltage [V]			
Temperature		25.00 °C		Source current [A]			
Humidity		60.00 %		Photocell			
Notes							

Line		Code		Luminaire Lamps		Flux [lm]	Pow. [W]	Q.ty
		EN05NW		Name XEON		2775.00	36.00	1
C.I.E.	42 72 91 90 100			D DIN 5040		B31		
F UTE	0.90 G + 0.10 T			B NBN		BZ 5		

430mm x 430mm



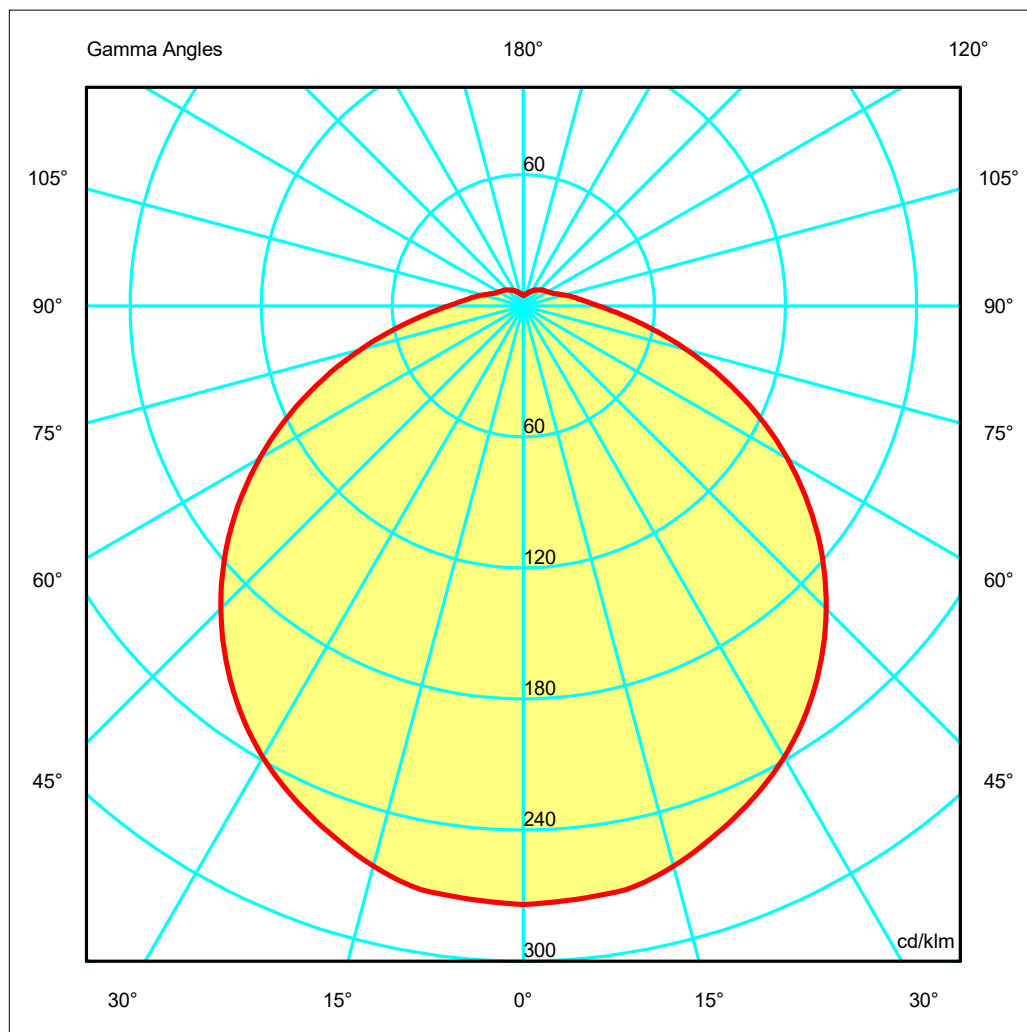
C Halfplanes

180.0 — 0.0

ULOR 9.69 %

DLOR 90.28 %

RN 9.69 %



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Measurem.

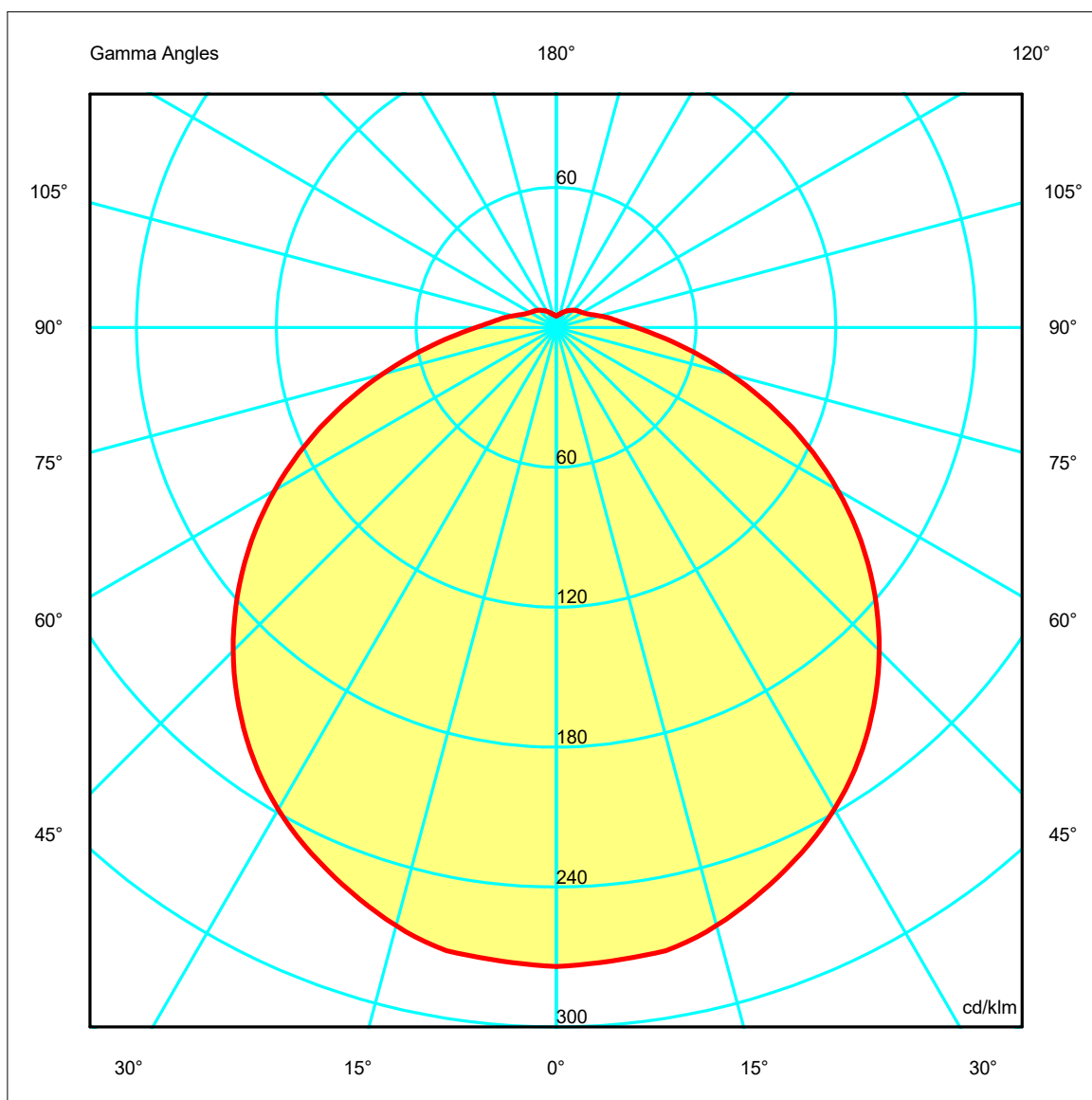
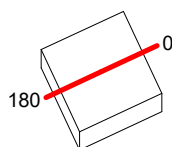
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430mm x 430mm

C Halfplanes

180.0  0.0



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Lamps Flux	2775.00 lm	Maximum value	274.03 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	16.8	18.1	17.3	18.5	18.9	16.8	18.1	17.3	18.5	18.9
x=2H y=3H	18.8	19.9	19.2	20.4	20.8	18.8	19.9	19.2	20.4	20.8
x=2H y=4H	19.7	20.8	20.2	21.2	21.7	19.7	20.8	20.2	21.2	21.7
x=2H y=6H	20.6	21.6	21.1	22.1	22.6	20.6	21.6	21.1	22.1	22.6
x=2H y=8H	21.1	22.0	21.6	22.5	23.1	21.1	22.0	21.6	22.5	23.1
x=2H y=12H	21.6	22.5	22.1	23.0	23.6	21.6	22.5	22.1	23.0	23.6
x=4H y=2H	17.6	18.7	18.1	19.2	19.7	17.6	18.7	18.1	19.2	19.7
x=4H y=3H	19.8	20.7	20.3	21.2	21.8	19.8	20.7	20.3	21.2	21.8
x=4H y=4H	20.8	21.7	21.4	22.2	22.8	20.8	21.7	21.4	22.2	22.8
x=4H y=6H	21.9	22.7	22.5	23.2	23.8	21.9	22.7	22.5	23.2	23.8
x=4H y=8H	22.5	23.2	23.1	23.7	24.3	22.5	23.2	23.1	23.7	24.3
x=4H y=12H	23.1	23.7	23.7	24.3	25.0	23.1	23.7	23.7	24.3	25.0
x=8H y=4H	21.3	22.0	21.9	22.6	23.2	21.3	22.0	21.9	22.6	23.2
x=8H y=6H	22.6	23.2	23.2	23.8	24.5	22.6	23.2	23.2	23.8	24.5
x=8H y=8H	23.4	23.9	24.0	24.5	25.1	23.4	23.9	24.0	24.5	25.1
x=8H y=12H	24.2	24.6	24.8	25.2	25.9	24.2	24.6	24.8	25.2	25.9
x=12H y=4H	21.4	22.0	22.0	22.6	23.3	21.4	22.0	22.0	22.6	23.3
x=12H y=6H	22.8	23.3	23.4	23.9	24.6	22.8	23.3	23.4	23.9	24.6
x=12H y=8H	23.6	24.1	24.3	24.7	25.4	23.6	24.1	24.3	24.7	25.4