

Luminaire

Code PXRU02CCT SWH
Name XPILL ROUND UGR

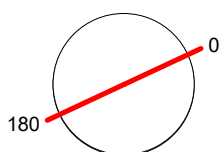
Measurem.

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Luminaire Flux	5091.69 lm	Luminaire Power	50.00 W	Efficacy	101.83 lm/W	Efficiency	99.97%
Lamps Flux	5093.00 lm	Maximum value	520.14 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire	Diam.	500 mm	Height	5 mm			
Round Luminous Area	Diam.	500 mm	Height	5 mm			
Horizontal Luminous Area	0.196350 m2		Emitting area on Plane 180°		0.002500 m2		
Emitting area on Plane 0°	0.002500 m2		Emitting area on Plane 270°		0.002500 m2		
Emitting area on Plane 90°	0.002500 m2		Glare area at 76°		0.049927 m2		
Coordinate system	CG	Symmetry Type		Rotosymmetrical			
Date	11-11-2022	Maximum Gamma Angle		180			
Measurement Distance	0.00	Measurement Flux		5093.00 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
		PXRU02CCT SWH SWH		Name XPILL ROUND UGR		5093.00	50.00	1
C.I.E.	64 89 97 99 100			D DIN 5040		A51		
F UTE	0.99 C + 0.01 T			B NBN		BZ 3		

Diam=500mm



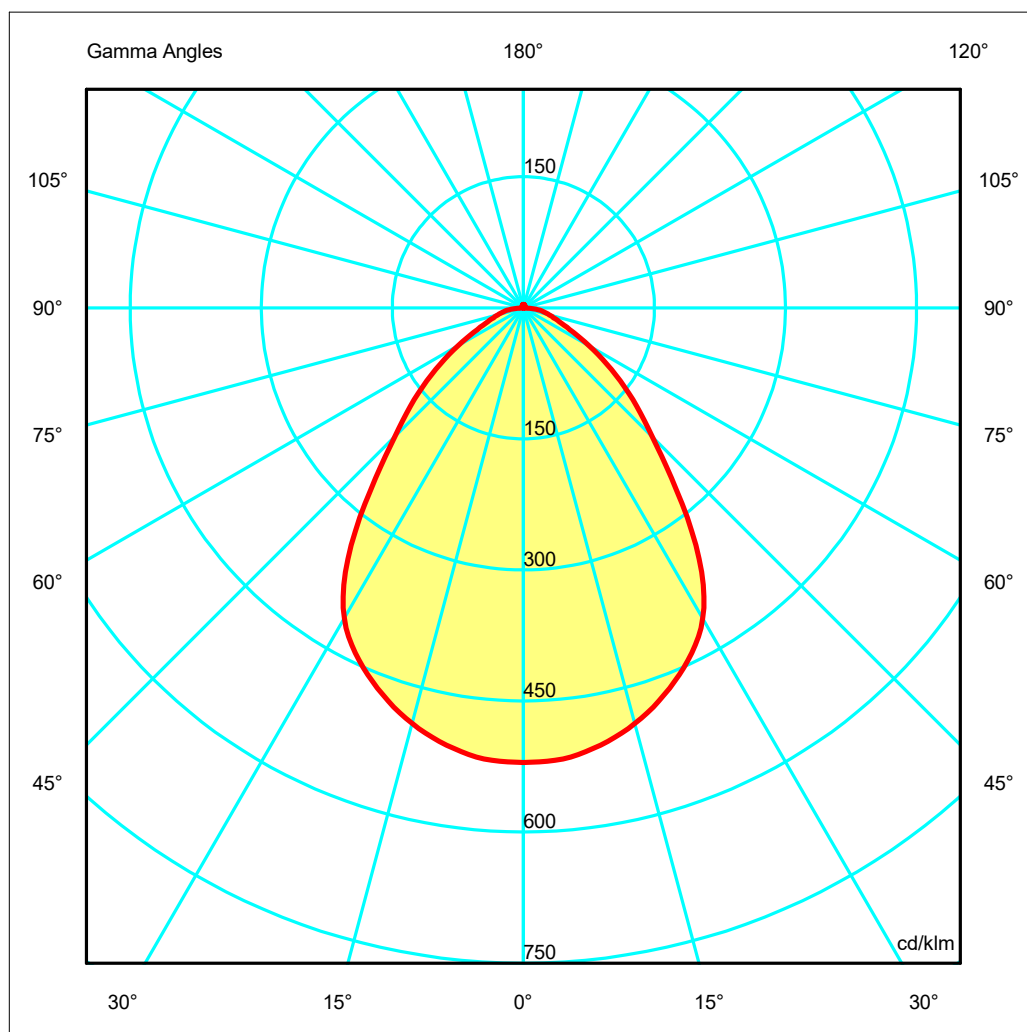
C Halfplanes

180.0 — 0.0

ULOR 1.04 %

DLOR 98.94 %

RN 1.04 %



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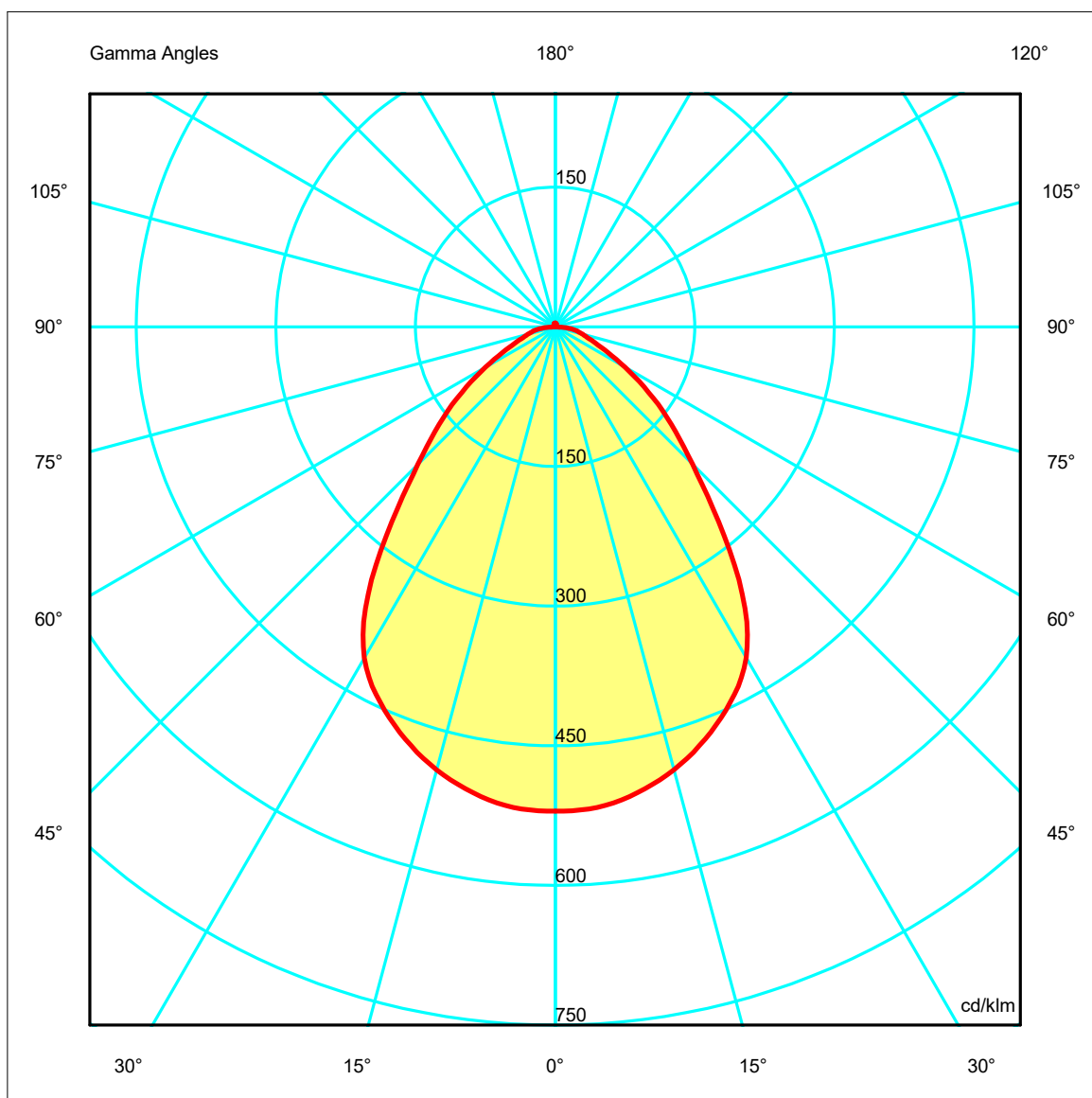
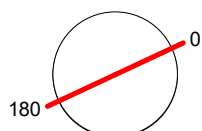
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180.0  0.0



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Measurement

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Lamps Flux	5093.00 lm	Maximum value	520.14 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	17.4	18.5	17.7	18.7	18.9	17.4	18.5	17.7	18.7	18.9
x=2H y=3H	18.0	19.0	18.4	19.3	19.6	18.0	19.0	18.4	19.3	19.6
x=2H y=4H	18.4	19.3	18.7	19.5	19.9	18.4	19.3	18.7	19.5	19.9
x=2H y=6H	18.7	19.6	19.1	19.9	20.2	18.7	19.6	19.1	19.9	20.2
x=2H y=8H	18.9	19.7	19.3	20.0	20.4	18.9	19.7	19.3	20.0	20.4
x=2H y=12H	19.0	19.8	19.4	20.1	20.5	19.0	19.8	19.4	20.1	20.5
x=4H y=2H	17.7	18.6	18.1	18.9	19.2	17.7	18.6	18.1	18.9	19.2
x=4H y=3H	18.6	19.3	18.9	19.7	20.0	18.6	19.3	18.9	19.7	20.0
x=4H y=4H	19.0	19.7	19.4	20.1	20.4	19.0	19.7	19.4	20.1	20.4
x=4H y=6H	19.5	20.1	20.0	20.5	20.9	19.5	20.1	20.0	20.5	20.9
x=4H y=8H	19.8	20.3	20.2	20.7	21.2	19.8	20.3	20.2	20.7	21.2
x=4H y=12H	20.0	20.5	20.4	20.9	21.4	20.0	20.5	20.4	20.9	21.4
x=8H y=4H	19.2	19.8	19.7	20.2	20.6	19.2	19.8	19.7	20.2	20.6
x=8H y=6H	19.9	20.3	20.4	20.8	21.3	19.9	20.3	20.4	20.8	21.3
x=8H y=8H	20.3	20.6	20.8	21.1	21.6	20.3	20.6	20.8	21.1	21.6
x=8H y=12H	20.6	20.9	21.1	21.4	21.9	20.6	20.9	21.1	21.4	21.9
x=12H y=4H	19.3	19.7	19.7	20.2	20.6	19.3	19.7	19.7	20.2	20.6
x=12H y=6H	20.0	20.4	20.5	20.8	21.3	20.0	20.4	20.5	20.8	21.3
x=12H y=8H	20.4	20.7	20.9	21.2	21.7	20.4	20.7	20.9	21.2	21.7