

**Luminaire**

Code PE01UWW  
Name XPIPE

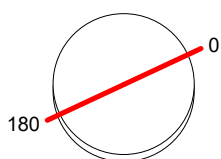
**Measur.**

Code PE01UWW  
Name XPIPE

Luminaire Flux	672.45 lm	Luminaire Power	11.00 W	Efficacy	61.13 lm/W	Efficiency	99.47%
Lamps Flux	676.00 lm	Maximum value	3186.63 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire Round Luminous Area	Diam. 45 mm Diam. 45 mm	Height	112 mm	Height	10 mm		
Horizontal Luminous Area Emitting area on Plane 0° Emitting area on Plane 90°	0.001590 m2 0.000450 m2 0.000450 m2	Emitting area on Plane 180° Emitting area on Plane 270° Glare area at 76°	0.000450 m2 0.000450 m2 0.000821 m2				
Coordinate system Date Measurement Distance	CG 30-08-2021 0.00	Symmetry Type Maximum Gamma Angle Measurement Flux	Rotosymmetrical 180 695.00 lm				
Operator Temperature Humidity Notes	25.00 °C 60.00 %	Source Voltage [V] Source current [A] Photocell					

Luminaire Lamps						
Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty	
	PE01UWW	XPIPE	676.00	11.00	1	
C.I.E.	97 99 100 98 99	D DIN 5040	A61			
F UTE	0.98 A + 0.02 T	B NBN	BZ 1			

Diam=45mm



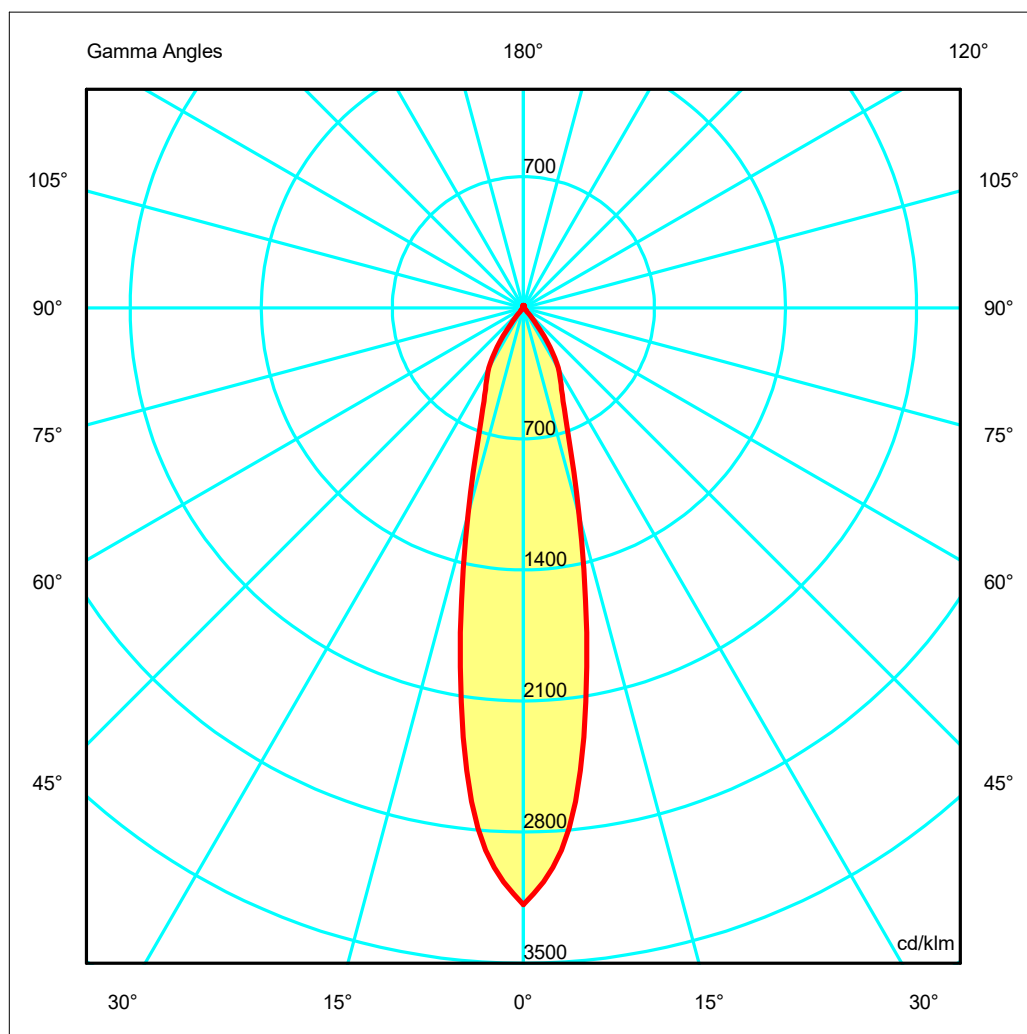
C Halfplanes

180.0 — 0.0

ULOR 1.64 %

DLOR 97.84 %

RN 1.64 %



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**Measurem.**

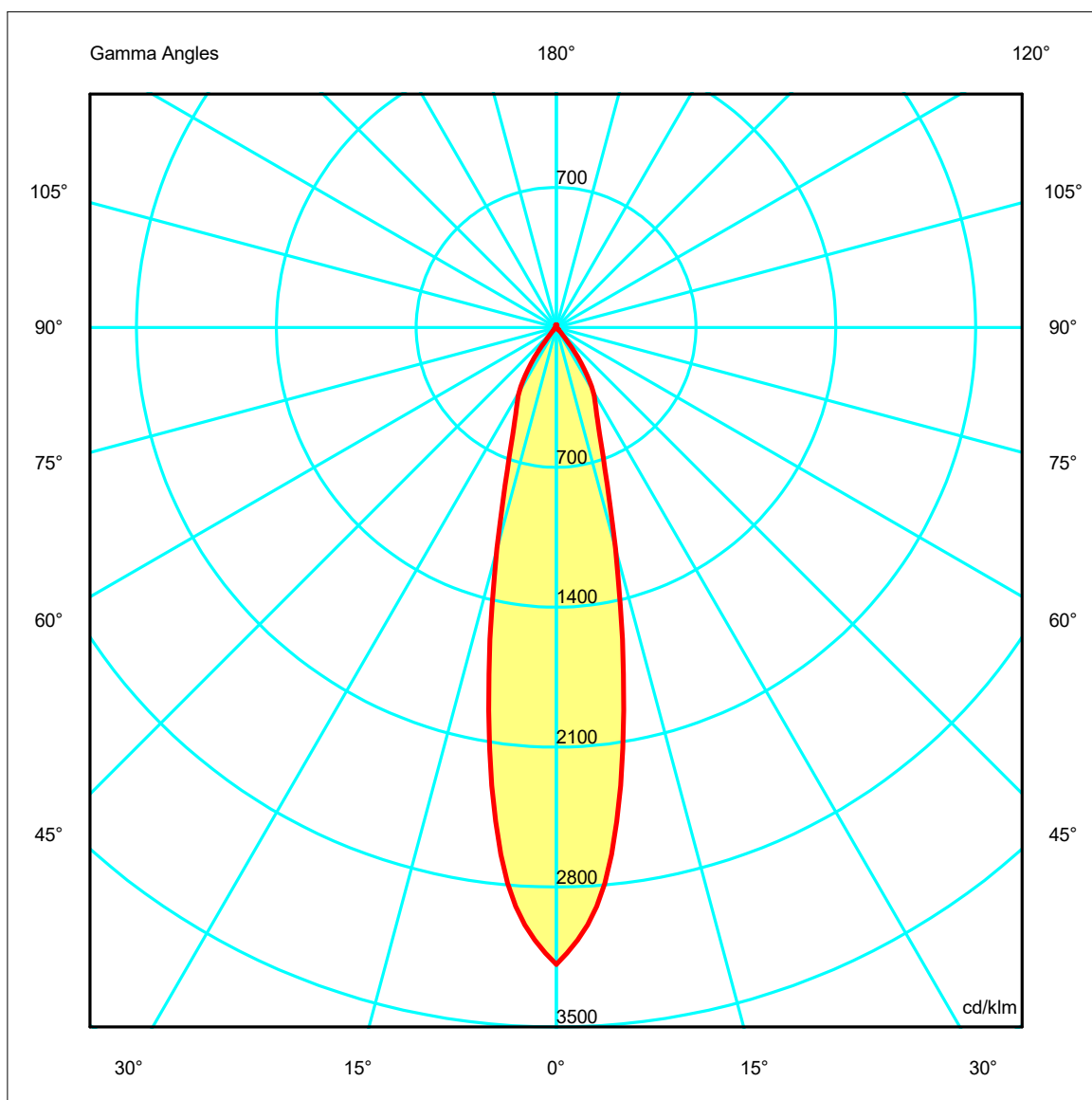
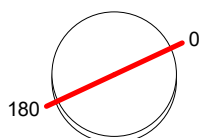
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Diam=45mm

C Halfplanes

180.0 ————— 0.0



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**Measurement**

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Luminaire Flux	672.45 lm	Luminaire Power	11.00 W	Efficacy	61.13 lm/W	Efficiency	99.47%
Lamps Flux	676.00 lm	Maximum value	3186.63 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	17.2	17.8	17.4	18.1	18.3	17.2	17.8	17.4	18.1	18.3
x=2H y=3H	17.1	17.7	17.4	17.9	18.2	17.1	17.7	17.4	17.9	18.2
x=2H y=4H	17.0	17.6	17.3	17.8	18.1	17.0	17.6	17.3	17.8	18.1
x=2H y=6H	16.9	17.5	17.3	17.8	18.1	16.9	17.5	17.3	17.8	18.1
x=2H y=8H	16.9	17.4	17.2	17.7	18.0	16.9	17.4	17.2	17.7	18.0
x=2H y=12H	16.9	17.3	17.2	17.7	18.0	16.9	17.3	17.2	17.7	18.0
x=4H y=2H	17.0	17.6	17.3	17.8	18.1	17.0	17.6	17.3	17.8	18.1
x=4H y=3H	16.9	17.3	17.2	17.7	18.0	16.9	17.3	17.2	17.7	18.0
x=4H y=4H	16.8	17.2	17.2	17.6	18.0	16.8	17.2	17.2	17.6	18.0
x=4H y=6H	16.7	17.1	17.2	17.5	17.9	16.7	17.1	17.2	17.5	17.9
x=4H y=8H	16.7	17.0	17.2	17.4	17.9	16.7	17.0	17.2	17.4	17.9
x=4H y=12H	16.7	16.9	17.1	17.3	17.8	16.7	16.9	17.1	17.3	17.8
x=8H y=4H	16.7	17.0	17.1	17.4	17.8	16.7	17.0	17.1	17.4	17.8
x=8H y=6H	16.6	16.9	17.1	17.3	17.8	16.6	16.9	17.1	17.3	17.8
x=8H y=8H	16.6	16.8	17.1	17.2	17.7	16.6	16.8	17.1	17.2	17.7
x=8H y=12H	16.5	16.7	17.0	17.2	17.7	16.5	16.7	17.0	17.2	17.7
x=12H y=4H	16.7	16.9	17.1	17.3	17.8	16.7	16.9	17.1	17.3	17.8
x=12H y=6H	16.6	16.8	17.1	17.2	17.7	16.6	16.8	17.1	17.2	17.7
x=12H y=8H	16.5	16.7	17.0	17.2	17.7	16.5	16.7	17.0	17.2	17.7