OxyTech

Luminaire
Code   PE01WW
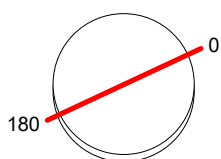Name   XPIPE
Measurem.
Code   PE01WW
Name   XPIPE

Luminaire Flux	691.35 lm	Luminaire Power	11.00 W	Efficacy	62.85 lm/W	Efficiency	99.47%

Lamps Flux	695.00 lm	Maximum value	3186.63 cd/klm	Position	C=0.00 G=0.00	CG Rotosymmetrical

Round Luminaire	Diam.	45 mm	Height	112 mm		
Round Luminous Area	Diam.	45 mm	Height	10 mm		
Horizontal Luminous Area	0.001590 m2		Emitting area on Plane 180°	0.000450 m2		
Emitting area on Plane 0°	0.000450 m2		Emitting area on Plane 270°	0.000450 m2		
Emitting area on Plane 90°	0.000450 m2		Glare area at 76°	0.000821 m2		

Coordinate system	CG	Symmetry Type	Rotosymmetrical
Date	30-08-2021	Maximum Gamma Angle	180
Measurement Distance	0.00	Measurement Flux	695.00 lm

Operator		Source Voltage [V]	
Temperature	25.00 °C	Source current [A]	
Humidity	60.00 %	Photocell	
Notes			

Luminaire Lamps

Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty
	PE01WW	XPIPE	695.00	11.00	1

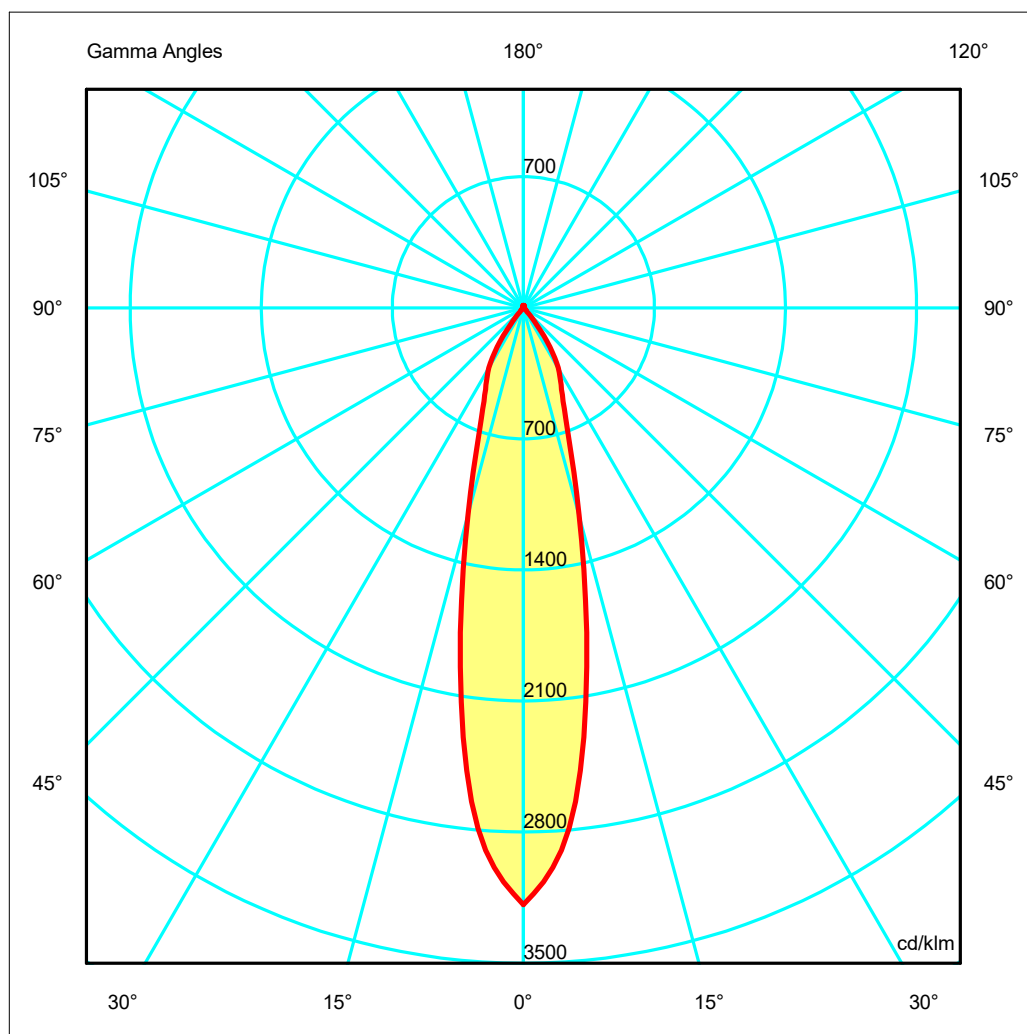|			
C.I.E.	97 99 100 98 99	D DIN 5040	A61
F UTE	0.98 A + 0.02 T	B NBN	BZ 1

Diam=45mm

C Halfplanes

180.0 ———— 0.0

ULOR 1.64 %

DLOR 97.84 %

RN 1.64 %

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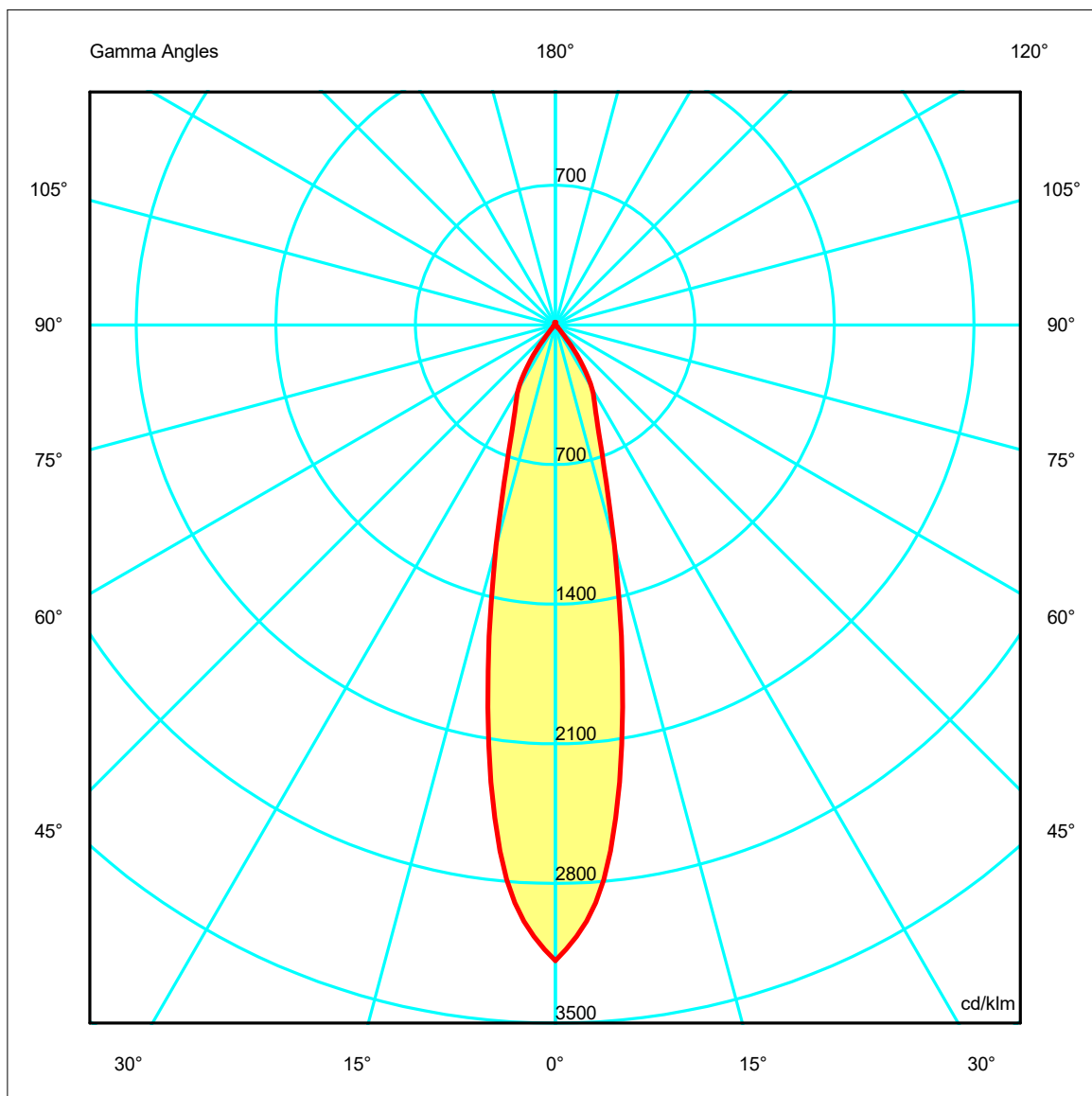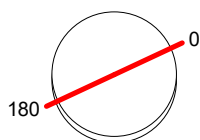Name   XPIPE
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Diam=45mm

C Halfplanes

180.0 ———————— 0.0

0
180

Gamma Angles   180°   120°

105°   105°

90°   90°

75°   700   75°

60°   1400   60°

45°   2100   45°

                            2800

                            3500   cd/klm

30°   15°   0°   15°   30°

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Lamps Flux	695.00 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	17.3	17.9	17.5	18.2	18.4	17.3	17.9	17.5	18.2	18.4
x=2H y=3H	17.1	17.8	17.5	18.0	18.3	17.1	17.8	17.5	18.0	18.3
x=2H y=4H	17.1	17.7	17.4	17.9	18.2	17.1	17.7	17.4	17.9	18.2
x=2H y=6H	17.0	17.6	17.4	17.9	18.2	17.0	17.6	17.4	17.9	18.2
x=2H y=8H	17.0	17.5	17.3	17.8	18.1	17.0	17.5	17.3	17.8	18.1
x=2H y=12H	16.9	17.4	17.3	17.8	18.1	16.9	17.4	17.3	17.8	18.1
x=4H y=2H	17.1	17.7	17.4	17.9	18.2	17.1	17.7	17.4	17.9	18.2
x=4H y=3H	17.0	17.4	17.3	17.8	18.1	17.0	17.4	17.3	17.8	18.1
x=4H y=4H	16.9	17.3	17.3	17.7	18.0	16.9	17.3	17.3	17.7	18.0
x=4H y=6H	16.8	17.2	17.3	17.6	18.0	16.8	17.2	17.3	17.6	18.0
x=4H y=8H	16.8	17.1	17.2	17.5	17.9	16.8	17.1	17.2	17.5	17.9
x=4H y=12H	16.8	17.0	17.2	17.4	17.9	16.8	17.0	17.2	17.4	17.9
x=8H y=4H	16.8	17.1	17.2	17.5	17.9	16.8	17.1	17.2	17.5	17.9
x=8H y=6H	16.7	17.0	17.2	17.4	17.9	16.7	17.0	17.2	17.4	17.9
x=8H y=8H	16.7	16.9	17.2	17.3	17.8	16.7	16.9	17.2	17.3	17.8
x=8H y=12H	16.6	16.8	17.1	17.3	17.8	16.6	16.8	17.1	17.3	17.8
x=12H y=4H	16.8	17.0	17.2	17.4	17.9	16.8	17.0	17.2	17.4	17.9
x=12H y=6H	16.7	16.9	17.2	17.3	17.8	16.7	16.9	17.2	17.3	17.8
x=12H y=8H	16.6	16.8	17.1	17.3	17.8	16.6	16.8	17.1	17.3	17.8