OxyTech

Luminaire
Code   RPU50NW36
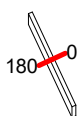Name   XROPE UGR D (DOWN)
Measurem.
Code   RPU50NW36
Name   XROPE UGR D (DOWN)

Luminaire Flux	2931.01 lm	Luminaire Power	36.00 W	Efficacy	81.42 lm/W	Efficiency	99.59%

Lamps Flux	2943.00 lm	Maximum value	630.23 cd/klm	Position	C=0.00 G=0.00	CG Rotosymmetrical	

Rectangular Luminaire	Length	1200 mm	Width	50 mm	Height	75 mm
Rectangular Luminous Area	Length	1200 mm	Width	50 mm	Height	75 mm

Horizontal Luminous Area	0.060000 m2	Emitting area on Plane 180°	0.090000 m2
Emitting area on Plane 0°	0.090000 m2	Emitting area on Plane 270°	0.003750 m2
Emitting area on Plane 90°	0.003750 m2	Glare area at 76°	0.101842 m2

Coordinate system	CG	Symmetry Type	Rotosymmetrical
Date	29-07-2023	Maximum Gamma Angle	180
Measurement Distance	0.00	Measurement Flux	2943.00 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
	RPU50NW36	XROPE UGR D (DOWN)	2943.00	36.00	1

C.I.E.	64 87 97 100 100	D DIN 5040	A50
F UTE	0.99 C	B NBN	BZ 2 / 1 / BZ 3

1200mm x 50mm

180 — 0

C Halfplanes

180.0 ———— 0.0

ULOR 0.09 %

DLOR 99.50 %

RN 0.09 %
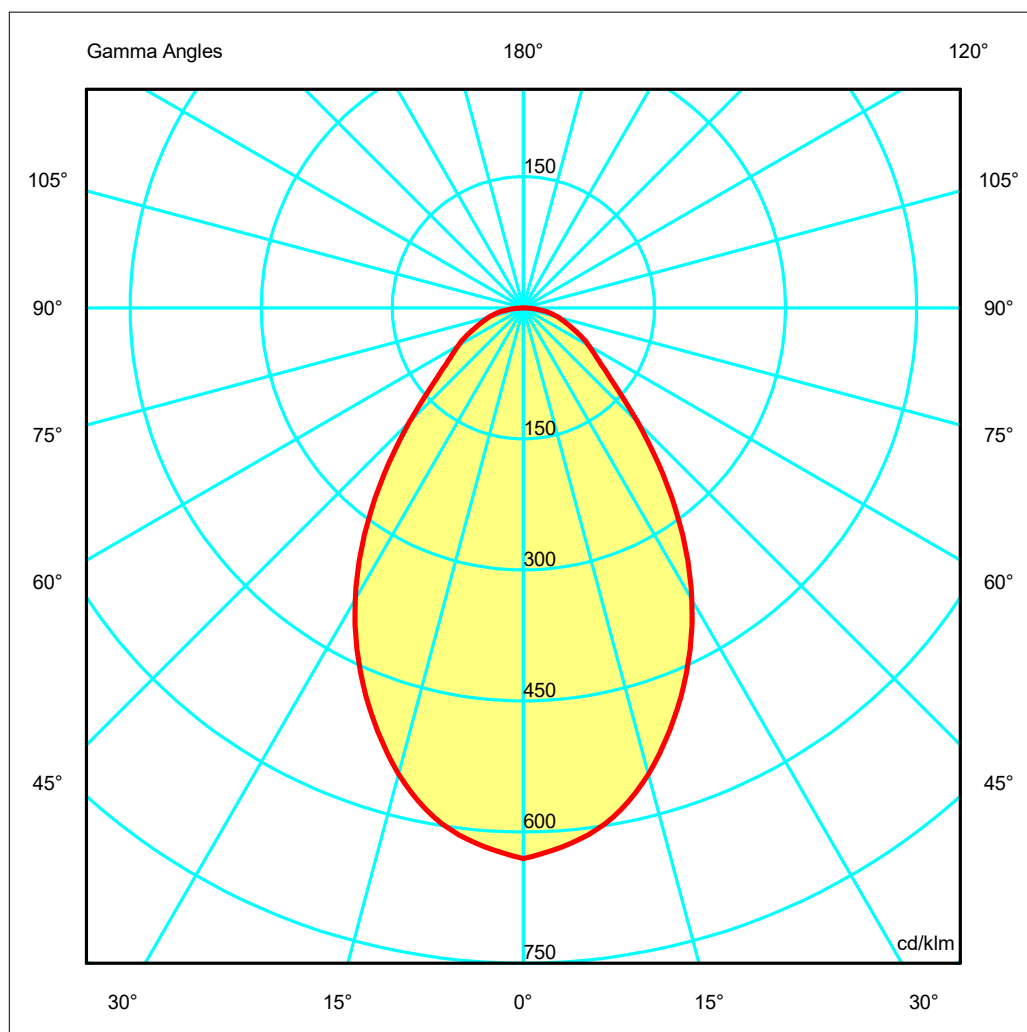
Gamma Angles   180°   120°

105°   105°

90°   90°

75°   75°

60°   60°

45°   45°

150
150
300
450
600
750

cd/klm

30°   15°   0°   15°   30°

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1200mm x 50mm

C Halfplanes

180.0 ———————— 0.0

180 —— 0

Gamma Angles   180°   120°

105°   150   105°

90°   90°

75°   150   75°

60°   300   60°

                  450

45°   600   45°

                        cd/klm

750

30°   15°   0°   15°   30°

Luminaire
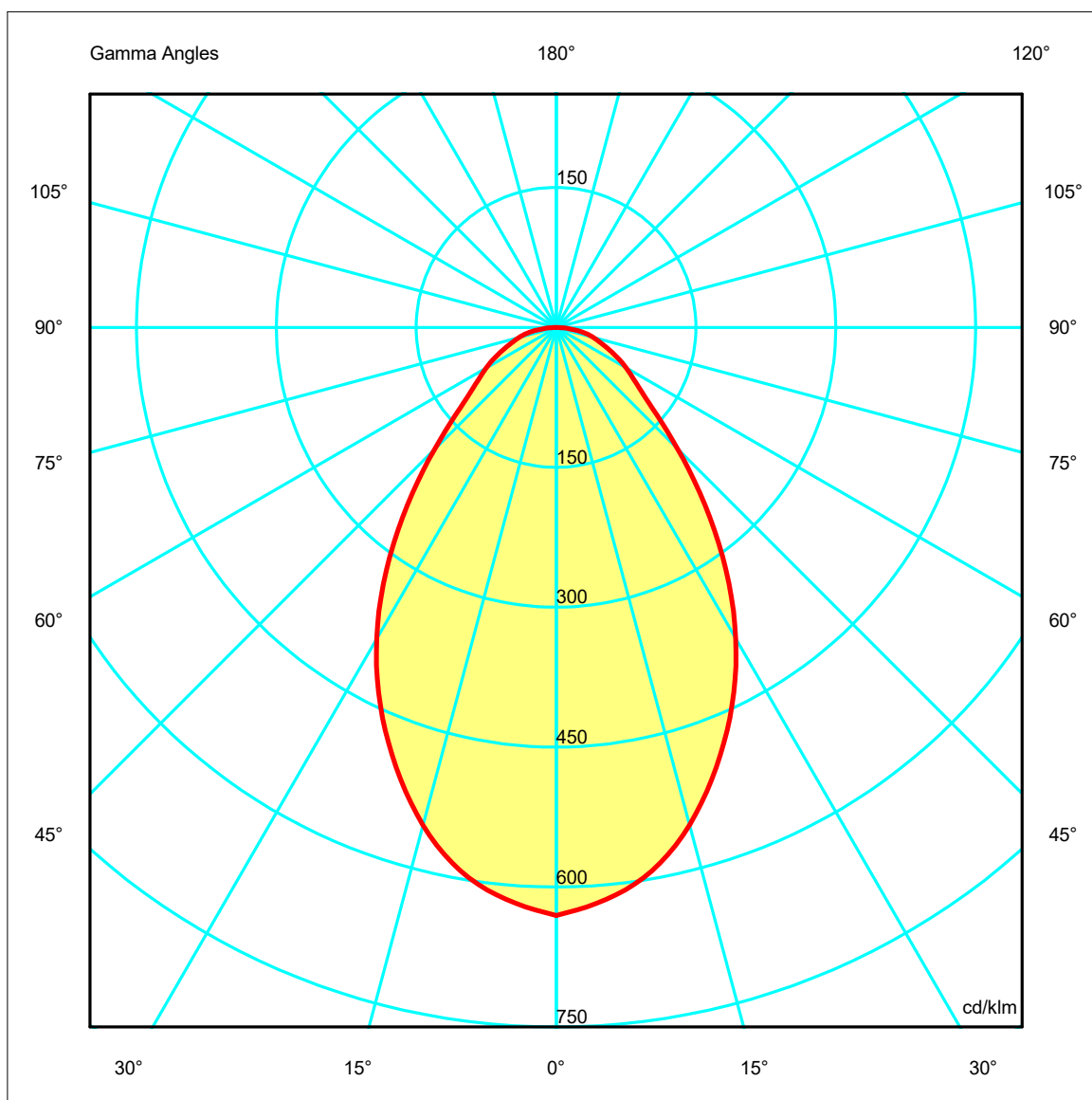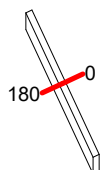Code   RPU50NW36
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Lamps Flux	2943.00 lm	Maximum value	630.23 cd/klm	Position	C=0.00 G=0.00	CG Rotosymmetrical	

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	15.6	16.7	15.9	16.9	19.0	17.4	18.5	17.7	18.7	19.0
x=2H y=3H	16.3	17.3	16.6	17.6	20.1	18.6	19.5	18.9	19.8	20.1
x=2H y=4H	16.6	17.5	17.0	17.8	20.6	19.1	20.0	19.5	20.3	20.6
x=2H y=6H	16.9	17.7	17.2	18.0	21.1	19.7	20.5	20.0	20.8	21.1
x=2H y=8H	16.9	17.8	17.3	18.1	21.3	19.9	20.7	20.2	21.0	21.3
x=2H y=12H	16.9	17.7	17.3	18.1	21.4	20.0	20.8	20.3	21.1	21.4
x=4H y=2H	16.1	17.0	16.4	17.3	19.1	17.6	18.5	17.9	18.8	19.1
x=4H y=3H	17.0	17.8	17.3	18.1	20.3	18.9	19.7	19.3	20.0	20.3
x=4H y=4H	17.4	18.1	17.8	18.4	21.0	19.6	20.3	20.0	20.6	21.0
x=4H y=6H	17.7	18.3	18.2	18.7	21.6	20.2	20.8	20.6	21.2	21.6
x=4H y=8H	17.8	18.4	18.3	18.8	21.8	20.5	21.0	20.9	21.4	21.8
x=4H y=12H	17.9	18.4	18.3	18.8	22.0	20.6	21.1	21.1	21.5	22.0
x=8H y=4H	17.7	18.2	18.1	18.6	21.0	19.7	20.2	20.1	20.6	21.0
x=8H y=6H	18.1	18.6	18.6	19.0	21.7	20.4	20.8	20.8	21.3	21.7
x=8H y=8H	18.2	18.6	18.7	19.1	22.0	20.7	21.1	21.2	21.5	22.0
x=8H y=12H	18.3	18.7	18.8	19.1	22.2	20.9	21.2	21.4	21.7	22.2
x=12H y=4H	17.7	18.2	18.1	18.6	21.0	19.6	20.2	20.1	20.5	21.0
x=12H y=6H	18.2	18.5	18.6	19.0	21.7	20.4	20.8	20.9	21.2	21.7
x=12H y=8H	18.3	18.7	18.8	19.1	22.0	20.7	21.0	21.2	21.5	22.0