

Luminaire

Code RPU50NW45
Name XROPE UGR D (DOWN)

Measurem.

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Luminaire Flux	3663.00 lm	Luminaire Power	45.00 W	Efficacy	81.40 lm/W	Efficiency	99.59%
Lamps Flux	3678.00 lm	Maximum value	630.23 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Rectangular Luminaire		Length	1517 mm	Width	50 mm	Height	75 mm
Rectangular Luminous Area		Length	1517 mm	Width	50 mm	Height	75 mm
Horizontal Luminous Area		0.075850 m2		Emitting area on Plane 180°		0.113775 m2	
Emitting area on Plane 0°		0.113775 m2		Emitting area on Plane 270°		0.003750 m2	
Emitting area on Plane 90°		0.003750 m2		Glare area at 76°		0.128745 m2	
Coordinate system		CG		Symmetry Type		Rotosymmetrical	
Date		29-07-2023		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		3678.00 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
		RPU50NW45		Name XROPE UGR D (DOWN)		3678.00	45.00	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			

1517mm x 50mm



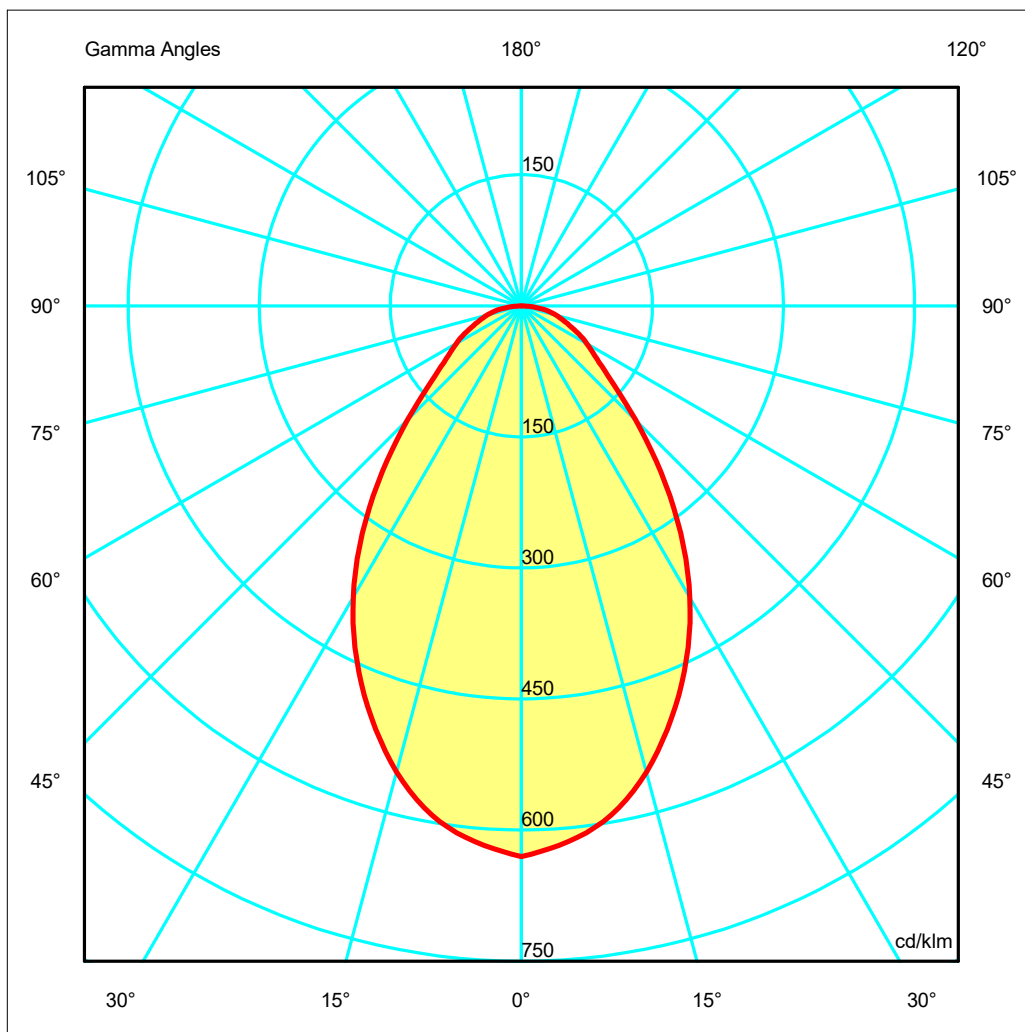
C Halfplanes

180.0 — 0.0

ULOR 0.09 %

DLOR 99.50 %

RN 0.09 %



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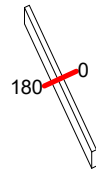
Measur.

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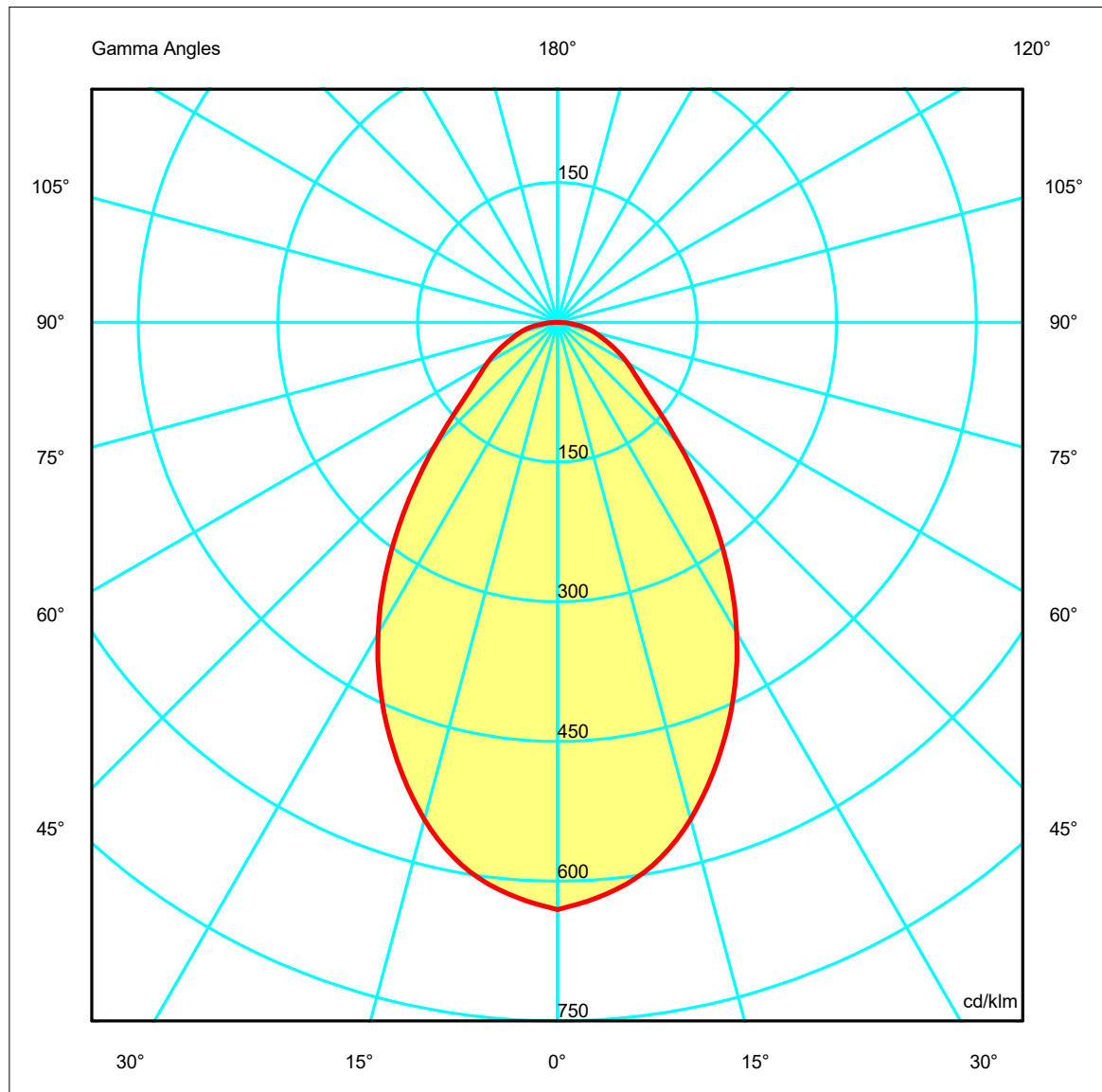
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180.0 0.0



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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	17.5	20.1	18.6	19.5	18.9	19.8	20.1
x=2H y=4H	16.6	17.5	16.9	17.8	20.6	19.1	20.1	19.5	20.3	20.6
x=2H y=6H	16.8	17.7	17.2	18.0	21.1	19.7	20.5	20.0	20.8	21.1
x=2H y=8H	16.9	17.7	17.2	18.0	21.3	19.9	20.7	20.2	21.0	21.3
x=2H y=12H	16.9	17.7	17.3	18.0	21.5	20.0	20.8	20.4	21.1	21.5
x=4H y=2H	16.0	17.0	16.4	17.2	19.1	17.6	18.5	17.9	18.8	19.1
x=4H y=3H	16.9	17.7	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	18.1	18.7	21.6	20.2	20.8	20.7	21.2	21.6
x=4H y=8H	17.8	18.4	18.2	18.7	21.9	20.5	21.1	20.9	21.4	21.9
x=4H y=12H	17.9	18.4	18.3	18.7	22.0	20.7	21.2	21.1	21.6	22.0
x=8H y=4H	17.6	18.2	18.1	18.6	21.0	19.7	20.2	20.1	20.6	21.0
x=8H y=6H	18.1	18.5	18.5	18.9	21.7	20.4	20.9	20.9	21.3	21.7
x=8H y=8H	18.2	18.6	18.7	19.0	22.0	20.7	21.1	21.2	21.5	22.0
x=8H y=12H	18.3	18.6	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	19.7	20.2	20.1	20.6	21.0
x=12H y=6H	18.1	18.5	18.6	19.0	21.7	20.4	20.8	20.9	21.2	21.7
x=12H y=8H	18.3	18.6	18.8	19.1	22.0	20.7	21.1	21.2	21.5	22.0