

Luminaire

Code AR03NW, 45
Name XARTE RECESSED

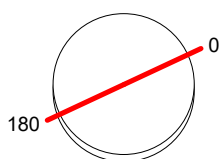
Measurem.

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Luminaire Flux	1302.28 lm	Luminaire Power		15.00 W	Efficacy	86.82 lm/W	Efficiency	98.88%
Lamps Flux	1317.00 lm	Maximum value		1362.70 cd/klm	Position	C=0.00 G=0.00	CG Rotosymmetrical	
Round Luminaire		Diam.	80 mm	Height	40 mm			
Round Luminous Area		Diam.	80 mm	Height	10 mm			
Horizontal Luminous Area		0.005027 m2		Emitting area on Plane 180°		0.000800 m2		
Emitting area on Plane 0°		0.000800 m2		Emitting area on Plane 270°		0.000800 m2		
Emitting area on Plane 90°		0.000800 m2		Glare area at 76°		0.001992 m2		
Coordinate system		CG		Symmetry Type		Rotosymmetrical		
Date		03-03-2022		Maximum Gamma Angle		90		
Measurement Distance		0.00		Measurement Flux		1317.00 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
		AR03NW, 45	Name	XARTE	1317.00	15.00	1
C.I.E.	92 99 100 100 99			D DIN 5040	A60		
F UTE	0.99 A			B NBN	BZ 1		

Diam=80mm



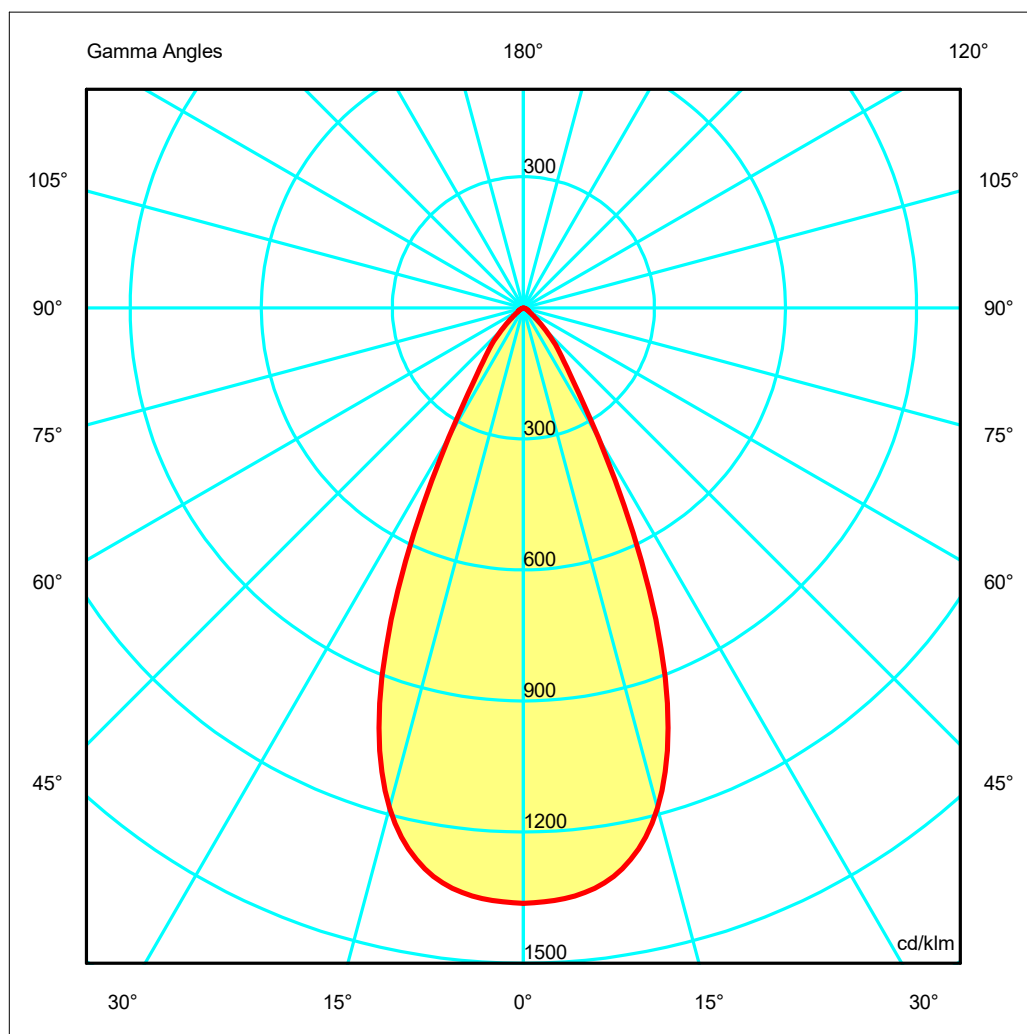
C Halfplanes

180.0 — 0.0

ULOR 0.00 %

DLOR 98.88 %

RN 0.00 %



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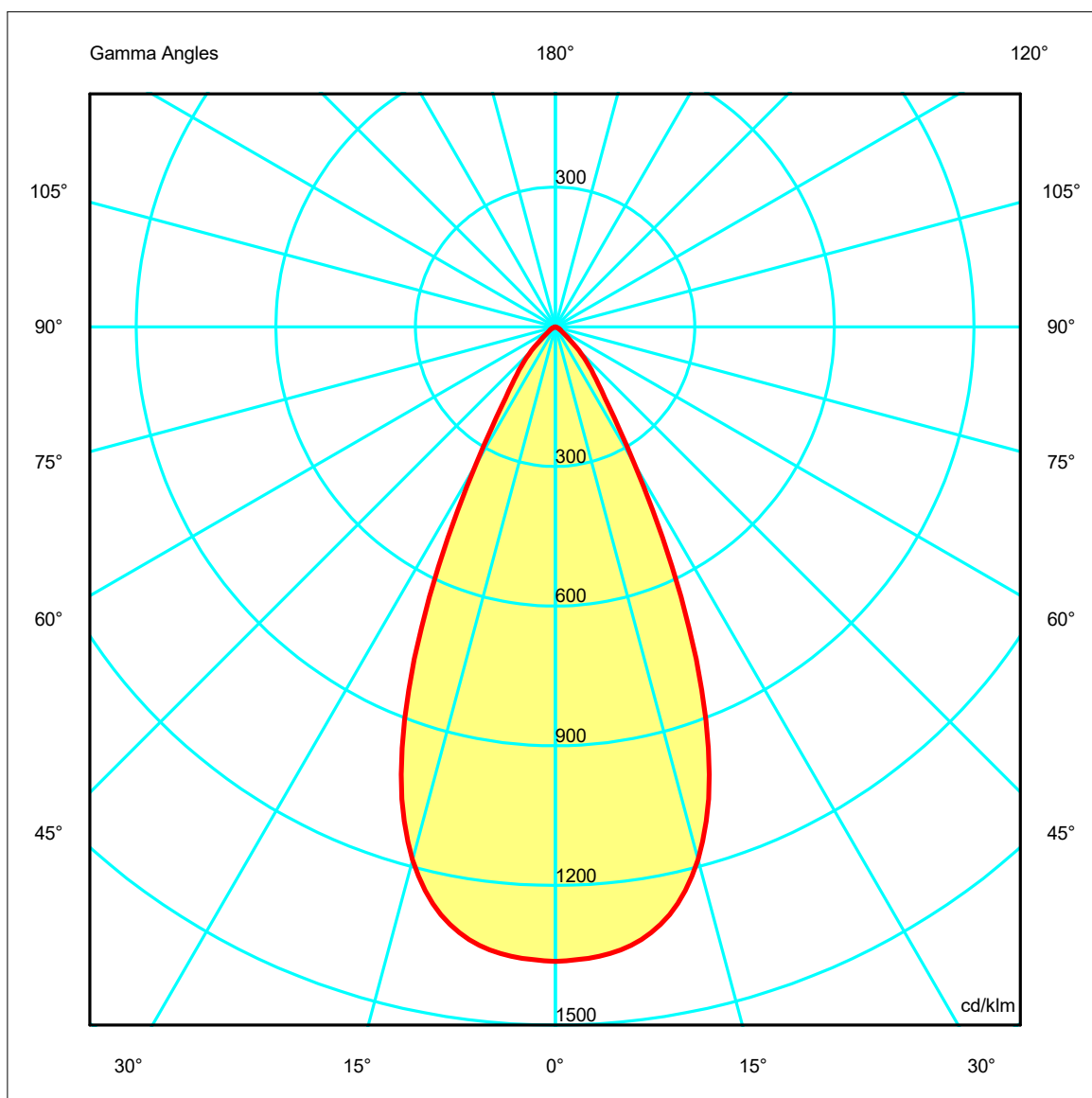
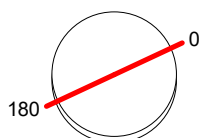
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Measurement

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Luminaire Flux	1302.28 lm	Luminaire Power	15.00 W	Efficacy	86.82 lm/W	Efficiency	98.88%
Lamps Flux	1317.00 lm	Maximum value	1362.70 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	16.9	17.6	17.1	17.8	18.0	16.9	17.6	17.1	17.8	18.0
x=2H y=3H	16.9	17.6	17.2	17.8	18.0	16.9	17.6	17.2	17.8	18.0
x=2H y=4H	16.9	17.5	17.2	17.7	18.0	16.9	17.5	17.2	17.7	18.0
x=2H y=6H	16.8	17.4	17.1	17.6	17.9	16.8	17.4	17.1	17.6	17.9
x=2H y=8H	16.8	17.3	17.1	17.6	17.9	16.8	17.3	17.1	17.6	17.9
x=2H y=12H	16.7	17.2	17.1	17.5	17.8	16.7	17.2	17.1	17.5	17.8
x=4H y=2H	16.8	17.4	17.1	17.7	17.9	16.8	17.4	17.1	17.7	17.9
x=4H y=3H	16.9	17.4	17.2	17.7	18.0	16.9	17.4	17.2	17.7	18.0
x=4H y=4H	16.8	17.3	17.2	17.6	18.0	16.8	17.3	17.2	17.6	18.0
x=4H y=6H	16.8	17.1	17.2	17.5	17.9	16.8	17.1	17.2	17.5	17.9
x=4H y=8H	16.7	17.1	17.1	17.4	17.9	16.7	17.1	17.1	17.4	17.9
x=4H y=12H	16.7	17.0	17.1	17.4	17.8	16.7	17.0	17.1	17.4	17.8
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	16.9	17.1	17.3	17.8	16.7	16.9	17.1	17.3	17.8
x=8H y=8H	16.6	16.8	17.1	17.3	17.7	16.6	16.8	17.1	17.3	17.7
x=8H y=12H	16.6	16.7	17.1	17.2	17.7	16.6	16.7	17.1	17.2	17.7
x=12H y=4H	16.7	17.0	17.2	17.4	17.8	16.7	17.0	17.2	17.4	17.8
x=12H y=6H	16.6	16.8	17.1	17.3	17.7	16.6	16.8	17.1	17.3	17.7
x=12H y=8H	16.6	16.7	17.1	17.2	17.7	16.6	16.7	17.1	17.2	17.7