

**Luminaire**

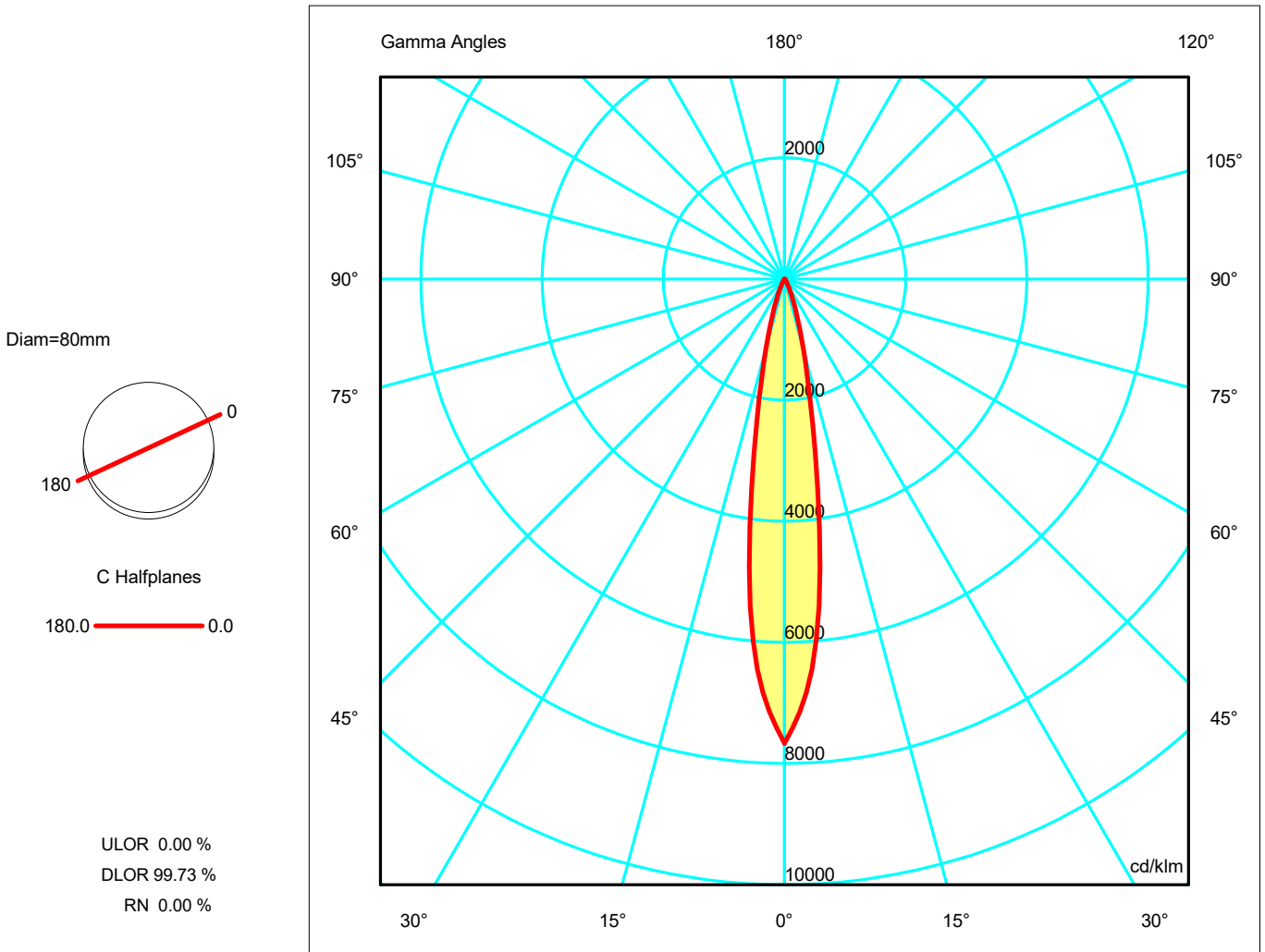
 Code GD23NW15-50, 15  
 Name XGROUND

**Measur.**

 Code GD23NW15-50, 15  
 Name XGROUND

Luminaire Flux	232.38 lm	Luminaire Power	7.80 W	Efficacy	29.79 lm/W	Efficiency	99.73%
Lamps Flux	233.00 lm	Maximum value	7663.44 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire Round Luminous Area		Diam. Diam.	80 mm 50 mm	Height Height	91 mm 0 mm		
Horizontal Luminous Area Emitting area on Plane 0° Emitting area on Plane 90°		0.001963 m2 0.000000 m2 0.000000 m2		Emitting area on Plane 180° Emitting area on Plane 270° Glare area at 76°		0.000000 m2 0.000000 m2 0.000475 m2	
Coordinate system Date Measurement Distance		CG 09-08-2021 0.00		Symmetry Type Maximum Gamma Angle Measurement Flux		Rotosymmetrical 180 192.00 lm	
Operator Temperature Humidity Notes		25.00 °C 60.00 %		Source Voltage [V] Source current [A] Photocell			

Line		Code	Luminaire Lamps		Flux [lm]	Pow. [W]	Q.ty
		GD23NW15-50, 15	Name	XGROUND	233.00	7.80	1
C.I.E.	100 100 100 100 100		D DIN 5040		A60		
F UTE	--		B NBN		BZ 1		



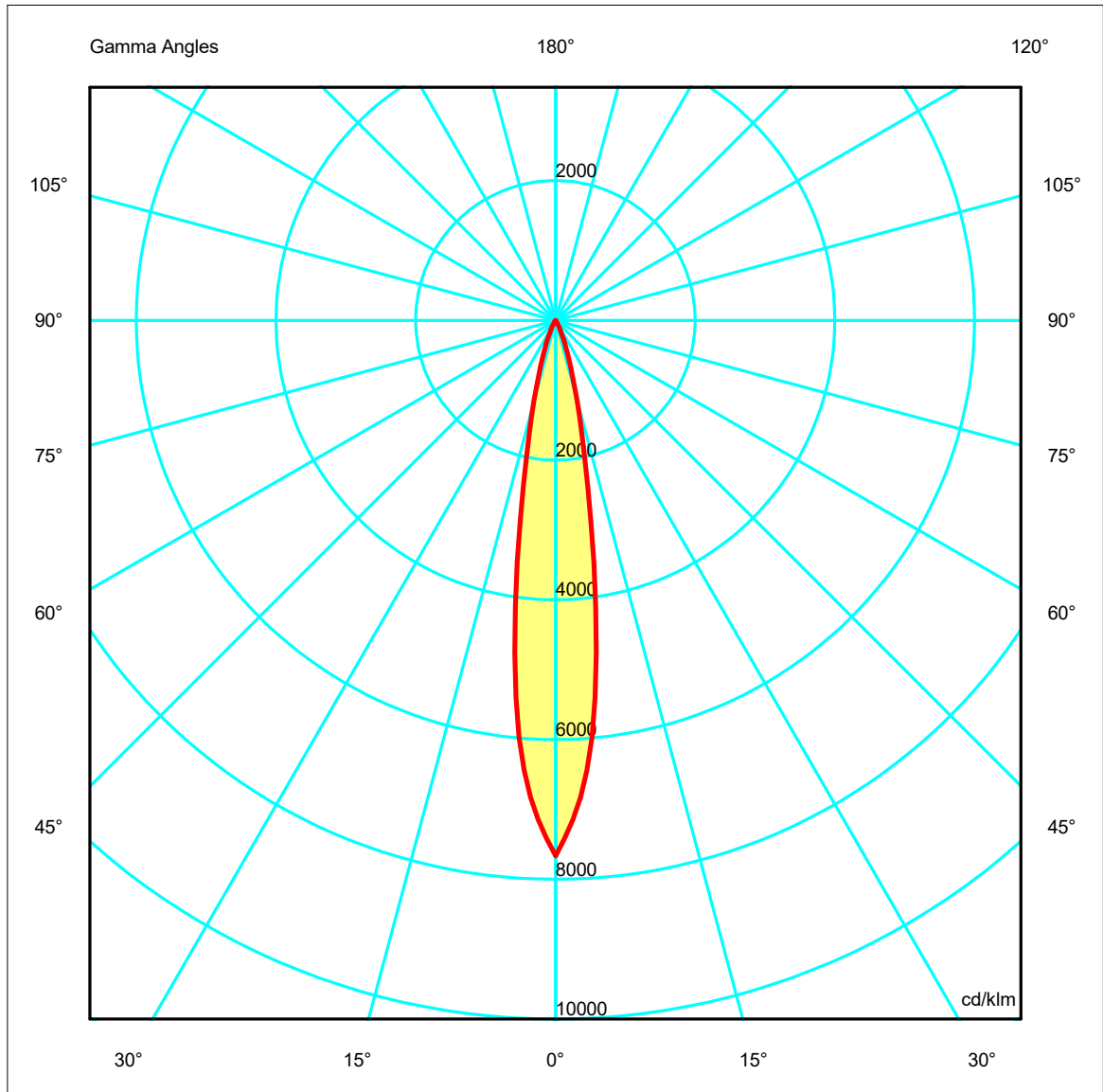
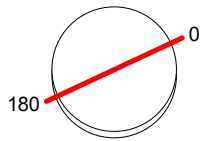
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Diam=80mm

C Halfplanes

180.0  0.0



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**Measurement**

Code GD23NW15-50, 15  
Name XGROUND

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Lamps Flux	233.00 lm	Maximum value	7663.44 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	< 0	< 0	< 0	0.1	0.3	< 0	< 0	< 0	0.1	0.3
x=2H y=3H	< 0	< 0	< 0	< 0	0.2	< 0	< 0	< 0	< 0	0.2
x=2H y=4H	< 0	< 0	< 0	< 0	0.1	< 0	< 0	< 0	< 0	0.1
x=2H y=6H	< 0	< 0	< 0	< 0	0.1	< 0	< 0	< 0	< 0	0.1
x=2H y=8H	< 0	< 0	< 0	< 0	0.0	< 0	< 0	< 0	< 0	0.0
x=2H y=12H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=4H y=2H	< 0	< 0	< 0	< 0	0.1	< 0	< 0	< 0	< 0	0.1
x=4H y=3H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=4H y=4H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=4H y=6H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=4H y=8H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=4H y=12H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=8H y=4H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=8H y=6H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=8H y=8H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=8H y=12H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=12H y=4H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=12H y=6H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=12H y=8H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0