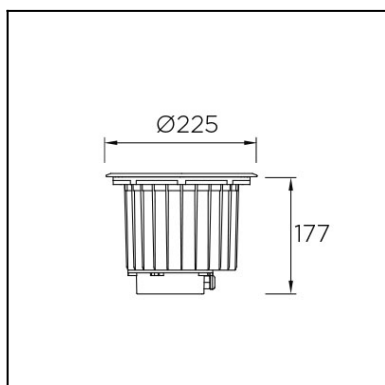
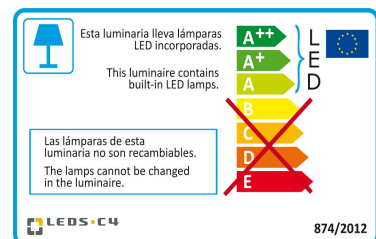




The photograph may not match the reference exactly. Please read the product description to identify the finish.



Download photometric file .ldt / .ies



Click on image to download energy label

TECHNICAL CHARACTERISTICS

Type:	UPLIGHT RECESSED
Adjustable:	Adjustable $\pm 15^\circ$ on the vertical axis
IP Protection degrees:	IP67
IK Protection degrees:	IK10
Recessed in-ground suitable for pedestrian crossing:	Si
Light source 1:	1 x LED Cree 23W Warm White - 3000K 2784 lm ^(N) CRI 80
Total power consumption (W):	27.6W
Angle of the optics / Reflector:	15°, 60°
Voltage / Frequency:	100-240V/50-60Hz
Warranty (Years):	2
Option to extend the guarantee (Years):	5
Units per box:	4
Net Weight (Kg):	3.31
EAN:	8435381439972



MATERIALS / FINISHES

Structure material:	Stainless steel AISI316 High purity aluminium	Diffuser material:	Glass
Structure finish:	Polished Black	Diffuser finish:	Tempered

GEAR

Multi-voltage electronic gear included (100-240V / 50-60Hz)

Lm^(N): Nominal flow of light in actual working conditions. Its actual flow will depend on the environmental conditions and the efficiency of the optics and/or diffuser.

LED S-C4 reserves the right to make the necessary technical changes they deem adequate, in order to improve the features of the product.

Please consult the sales team to clarify any doubt.

(+34) 973 468 100
leds-c4@leds-c4.com
www.leds-c4.com

Luminaire

Code 55-9909-CA-CL 15° AN
Name Uplight GEA led 23W 15° antid.

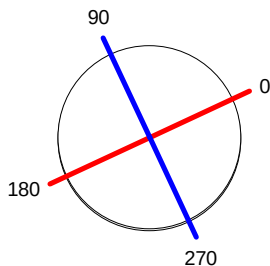
Measur.

Code 55-9909-CA-CL 15 AN
Name Uplight GEA led 23W 15° antid.

Luminaire Flux	1444.83 lm	Luminaire Power	27.00 W	Efficacy	53.51 lm/W	Efficiency	96.92%
Lamps Flux	1490.76 lm	Maximum value	4545.28 cd/klm	Position	C=0.00 G=180.00	CG	Asymmetrical
Round Luminaire		Diam.	223 mm	Height	5 mm		
Round Luminous Area		Diam.	155 mm	Height	0 mm		
Horizontal Luminous Area		0.018869 m2		Emitting area on Plane 180°		0.000000 m2	
Emitting area on Plane 0°		0.000000 m2		Emitting area on Plane 270°		0.000000 m2	
Emitting area on Plane 90°		0.000000 m2		Glare area at 76°		0.004565 m2	
Coordinate system		CG		Symmetry Type		Asymmetrical	
Date		01-09-2016		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		1490.76 lm	
Operator		Asselum T2		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	
	55-9909-CA-CL 15° AN	55-9909-CA-CL 15° AN - 27.00 W	1490.76	27.00	1	
C.I.E.	0 0 0 0 97	D DIN 5040	--			
F UTE	0.97 T	B NBN	BZ 10			

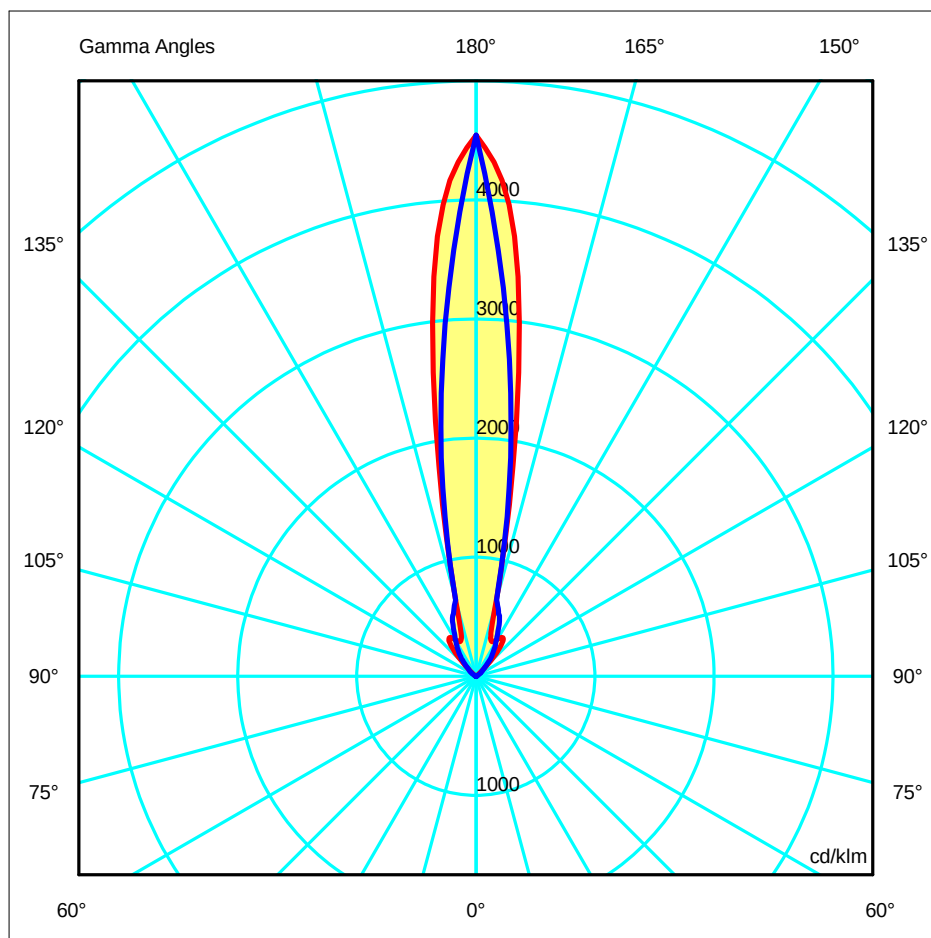
Diam=223mm



C Halfplanes

180.0 — 0.0
270.0 — 90.0

ULOR 96.91 %
DLOR 0.01 %
RN 99.99 %



Luminaire

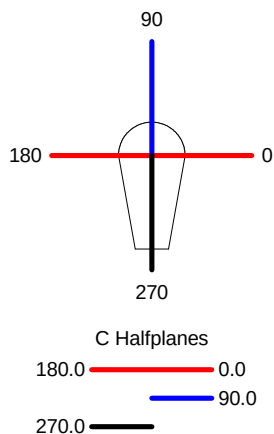
Code 55-9909-CA-CL 15° AS
Name Uplight GEA led 23W 15° asimet

Measurem.

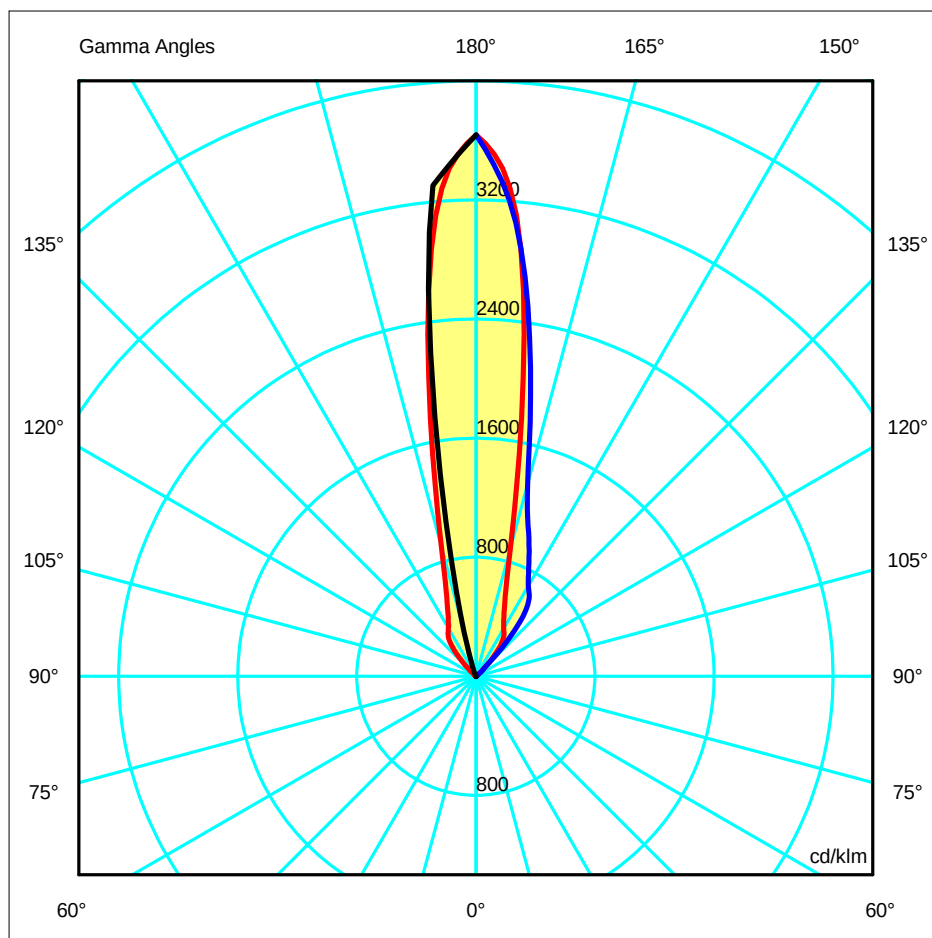
Code 55-9909-CA-CL 15 AS
Name Uplight GEA led 23W 15° asimet

Luminaire Flux	1100.61 lm	Luminaire Power	27.00 W	Efficacy	40.76 lm/W	Efficiency	100.01%
Lamps Flux	1100.50 lm	Maximum value	3638.97 cd/klm	Position	C=0.00 G=180.00	CG	Asymmetrical
Round Luminaire		Diam.	223 mm	Height	5 mm		
Round Luminous Area		Diam.	155 mm	Height	0 mm		
Horizontal Luminous Area		0.018869 m2		Emitting area on Plane 180°		0.000000 m2	
Emitting area on Plane 0°		0.000000 m2		Emitting area on Plane 270°		0.000000 m2	
Emitting area on Plane 90°		0.000000 m2		Glare area at 76°		0.004565 m2	
Coordinate system		CG Roads		Symmetry Type		Asymmetrical	
Date		31-08-2016		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		1100.50 lm	
Operator		Asselum T2		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	
	55-9909-CA-CL 15° AS	55-9909-CA-CL 15° AS - 27.00 W	1100.50	27.00	1	
C.I.E.	0 0 0 0 100	D DIN 5040	--			



ULOR 100.00 %
DLOR 0.01 %
RN 99.99 %



Luminaire

Code 55-9909-CA-CL 60° AN
Name Uplight GEA led 23W 60° antid.

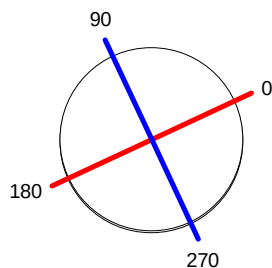
Measur.

Code 55-9909-CA-CL 60 AN
Name Uplight GEA led 23W 60° antid.

Luminaire Flux	1430.61 lm	Luminaire Power	27.00 W	Efficacy	52.99 lm/W	Efficiency	99.24%
Lamps Flux	1441.50 lm	Maximum value	1415.20 cd/klm	Position	C=0.00 G=180.00	CG	Asymmetrical
Round Luminaire Round Luminous Area		Diam. Diam.	223 mm 155 mm	Height Height	5 mm 0 mm		
Horizontal Luminous Area Emitting area on Plane 0° Emitting area on Plane 90°		0.018869 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 0.004565 m2	
Coordinate system Date Measurement Distance		CG 01-09-2016 0.00		Symmetry Type Maximum Gamma Angle Measurement Flux		Asymmetrical 180 1441.50 lm	
Operator Temperature Humidity Notes		Asselum T2 25.00 °C 60.00 %		Source Voltage [V] Source current [A] Photocell			

Luminaire Lamps						
Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty	
	55-9909-CA-CL 60° AN	55-9909-CA-CL 60° AN - 27.00 W	1441.50	27.00	1	
C.I.E. F UTE	0 0 0 0 99 0.99 T	D DIN 5040 B NBN	-- BZ 10			

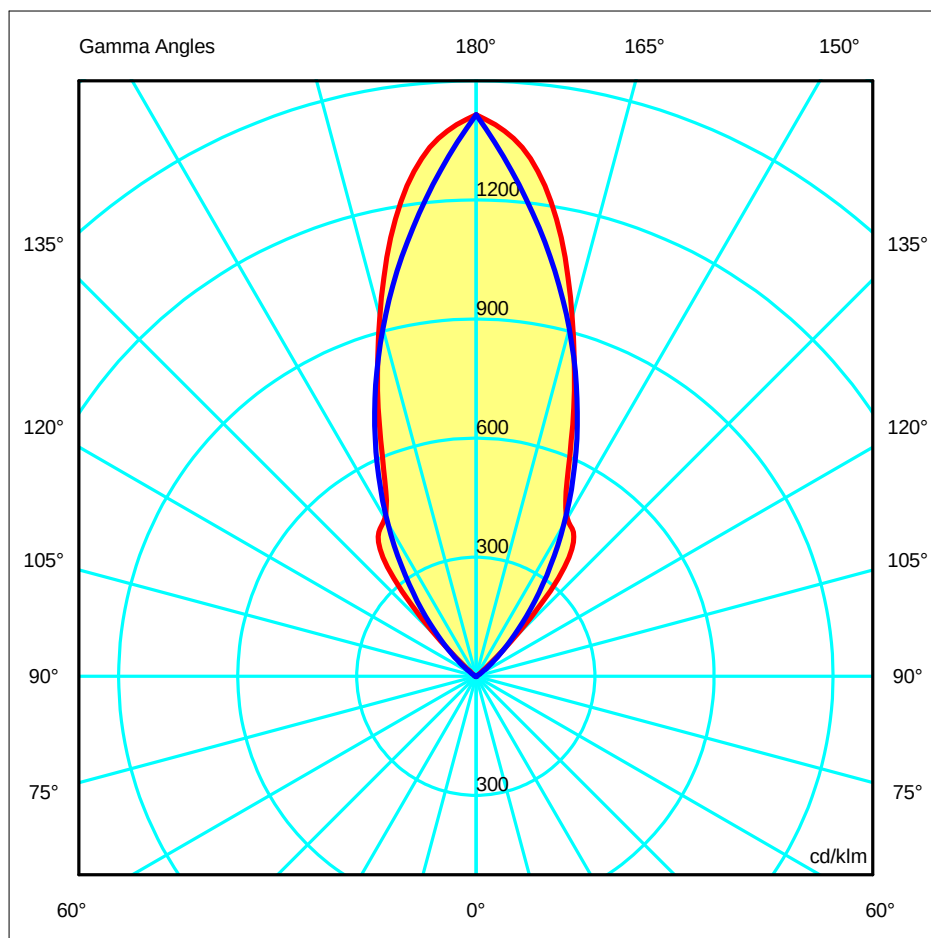
Diam=223mm



C Halfplanes

180.0 — 0.0
270.0 — 90.0

ULOR 99.23 %
DLOR 0.01 %
RN 99.99 %



Luminaire

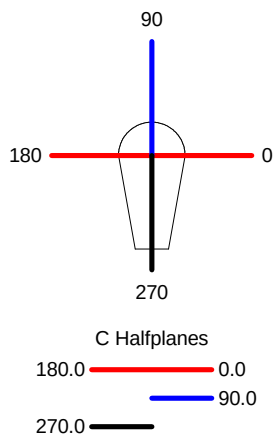
Code 55-9909-CA-CL 60° AS
Name Uplight GEA led 23W 60° asimtr

Measurem.

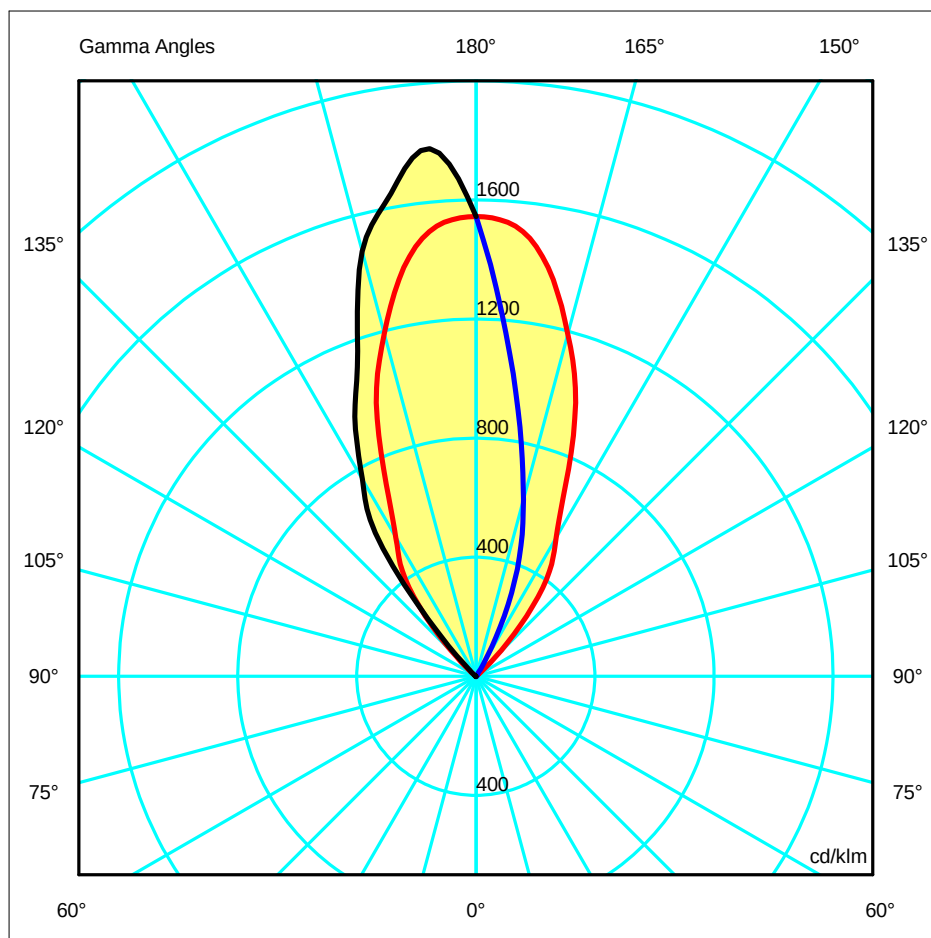
Code 55-9909-CA-CL 60 AS
Name Uplight GEA led 23W 60° asimtr

Luminaire Flux	1100.13 lm	Luminaire Power	27.00 W	Efficacy	40.75 lm/W	Efficiency	100.01%
Lamps Flux	1100.05 lm	Maximum value	1780.04 cd/klm	Position	C=270.00 G=175.00	CG	Asymmetrical
Round Luminaire		Diam.	223 mm	Height	5 mm		
Round Luminous Area		Diam.	155 mm	Height	0 mm		
Horizontal Luminous Area		0.018869 m2		Emitting area on Plane 180°		0.000000 m2	
Emitting area on Plane 0°		0.000000 m2		Emitting area on Plane 270°		0.000000 m2	
Emitting area on Plane 90°		0.000000 m2		Glare area at 76°		0.004565 m2	
Coordinate system		CG Roads		Symmetry Type		Asymmetrical	
Date		02-09-2016		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		1100.05 lm	
Operator		Asselum T2		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	
	55-9909-CA-CL 60° AS	55-9909-CA-CL 60° AS - 27.00 W	1100.05	27.00	1	
C.I.E.	0 0 0 0 100	D DIN 5040	--			



ULOR 100.00 %
DLOR 0.01 %
RN 99.99 %



Luminaire

Code 55-9909-CA-CL 60°
Name Empotrable GEA 23W 60° 3000K

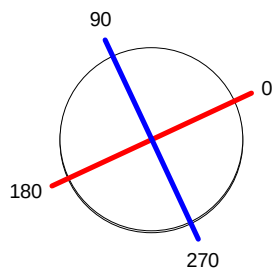
Measur.

Code 55-9909-CA-CL 60
Name Empotrable GEA 23W 60° 3000K

Luminaire Flux	2207.66 lm	Luminaire Power	27.00 W	Efficacy	81.77 lm/W	Efficiency	100.00%
Lamps Flux	2207.57 lm	Maximum value	1413.10 cd/klm	Position	C=0.00 G=180.00	CG	Asymmetrical
Round Luminaire		Diam.	223 mm	Height	5 mm		
Round Luminous Area		Diam.	155 mm	Height	0 mm		
Horizontal Luminous Area		0.018869 m2		Emitting area on Plane 180°		0.000000 m2	
Emitting area on Plane 0°		0.000000 m2		Emitting area on Plane 270°		0.000000 m2	
Emitting area on Plane 90°		0.000000 m2		Glare area at 76°		0.004565 m2	
Coordinate system		CG		Symmetry Type		Asymmetrical	
Date		11-04-2016		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		2207.57 lm	
Operator		Asselum T2		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	
	55-9909-CA-CL 60°	55-9909-CA-CL 60° - 27.00 W	2207.57	27.00	1	
C.I.E.	0 0 0 0 100	D DIN 5040	--			
F UTE	1.00 T	B NBN	BZ 10			

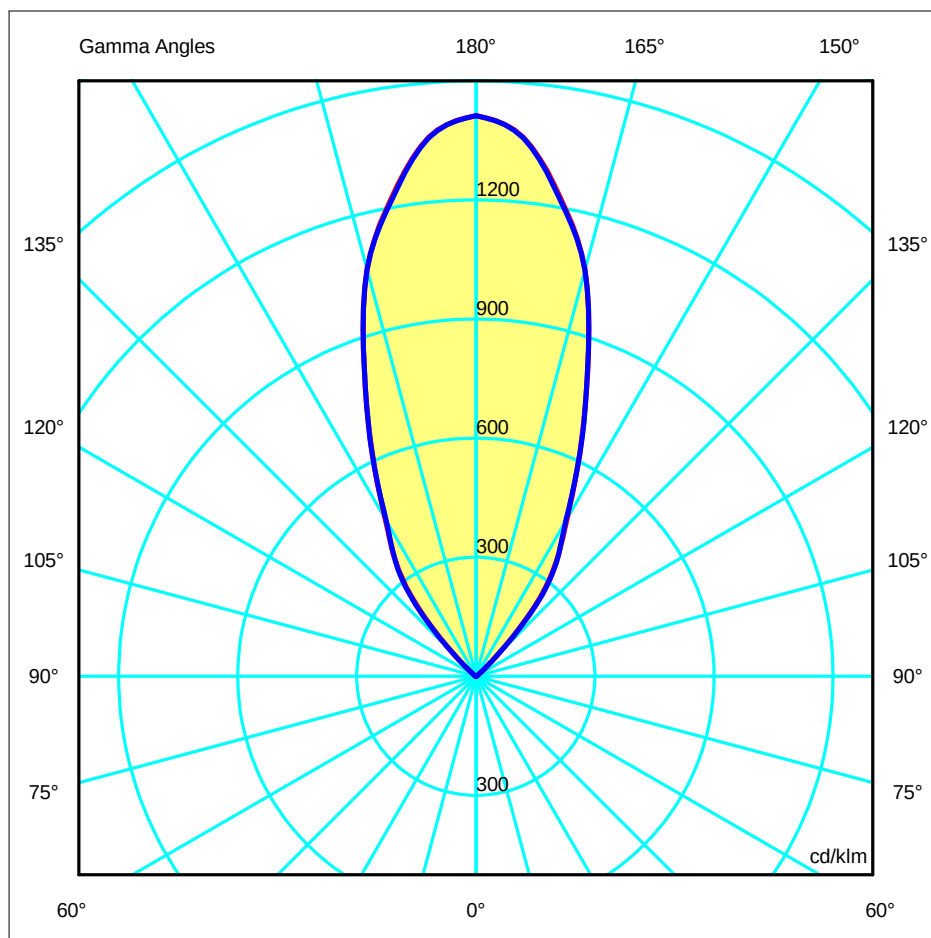
Diam=223mm



C Halfplanes

180.0 — 0.0
270.0 — 90.0

ULOR 100.00 %
DLOR 0.00 %
RN 100.00 %



LED'S C4

REF. ENSAYO	REFERENCIA	POTENCIA NOMINAL (W)	POTENCIA (W)	POTENCIA APARENTE (VA)	POTENCIA REACTIVA (VAR)	COSENO DE PHI (PF)	CURRENT (A)
684/2016	55-9909-CA-CL 15° AS	23	27,3	28,98	9,72	0,942	0,126
685/2016	55-9909-CA-CL 15° AN	23	27,3	28,98	9,72	0,942	0,126
686/2016	55-9909-CA-CL 60° AN	23	27,3	28,98	9,72	0,942	0,126
687/2016	55-9909-CA-CL 60° AS	23	27,3	28,98	9,72	0,942	0,126

Luminaire

Code 55-9909-CA-CM 15° AN
Name Uplight GEA led 23W 15° antid.

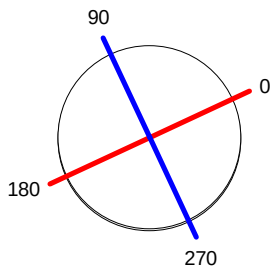
Measur.

Code 55-9909-CA-CL 15 AN
Name Uplight GEA led 23W 15° antid.

Luminaire Flux	1661.55 lm	Luminaire Power	27.00 W	Efficacy	61.54 lm/W	Efficiency	96.92%
Lamps Flux	1714.37 lm	Maximum value	4545.28 cd/klm	Position	C=0.00 G=180.00	CG	Asymmetrical
Round Luminaire		Diam.	223 mm	Height	5 mm		
Round Luminous Area		Diam.	155 mm	Height	0 mm		
Horizontal Luminous Area		0.018869 m2		Emitting area on Plane 180°		0.000000 m2	
Emitting area on Plane 0°		0.000000 m2		Emitting area on Plane 270°		0.000000 m2	
Emitting area on Plane 90°		0.000000 m2		Glare area at 76°		0.004565 m2	
Coordinate system		CG		Symmetry Type		Asymmetrical	
Date		01-09-2016		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		1714.37 lm	
Operator		Asselum T2		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	
	55-9909-CA-CL 15° AN	55-9909-CA-CL 15° AN - 27.00 W	1714.37	27.00	1	
C.I.E.	0 0 0 0 97	D DIN 5040	--			
F UTE	0.97 T	B NBN	BZ 10			

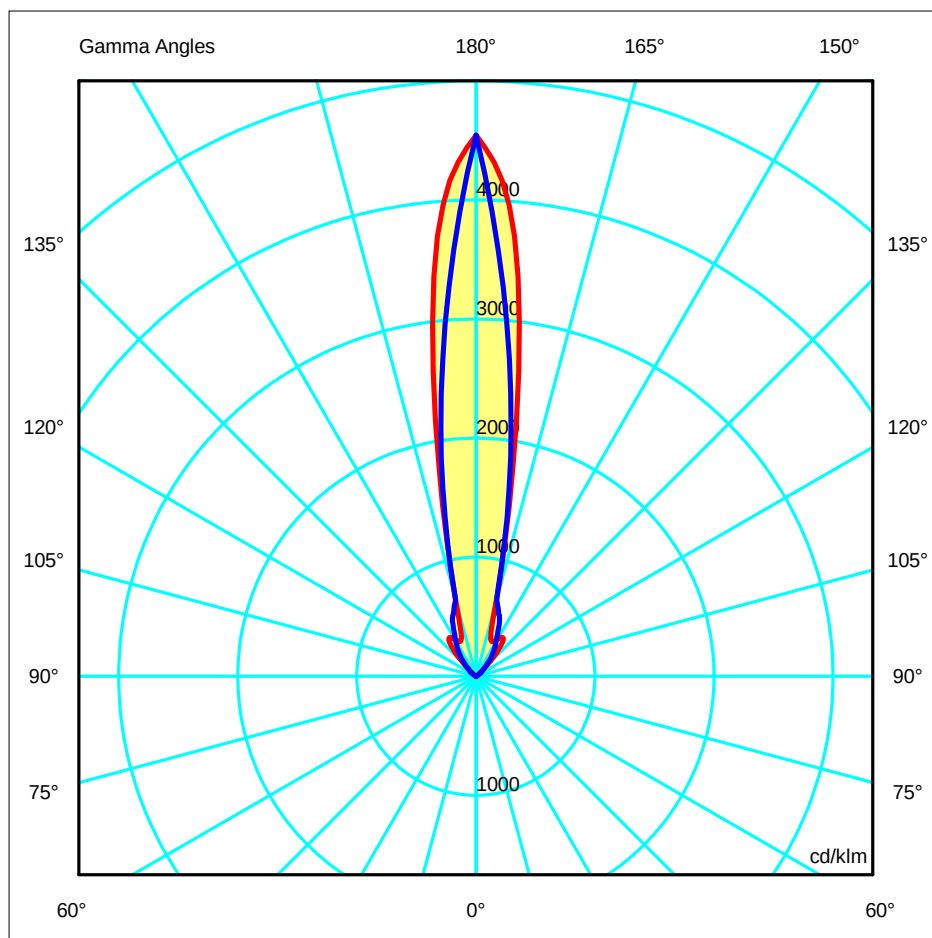
Diam=223mm



C Halfplanes

180.0 — 0.0
270.0 — 90.0

ULOR 96.91 %
DLOR 0.01 %
RN 99.99 %



Luminaire

Code 55-9909-CA-CM 15° AS
Name Uplight GEA led 23W 15° asimet

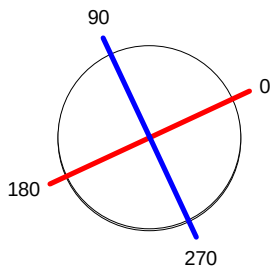
Measur.

Code 55-9909-CA-CL 15 AS
Name Uplight GEA led 23W 15° asimet

Luminaire Flux	1265.69 lm	Luminaire Power	27.00 W	Efficacy	46.88 lm/W	Efficiency	100.01%
Lamps Flux	1265.57 lm	Maximum value	3638.97 cd/klm	Position	C=0.00 G=180.00	CG	Asymmetrical
Round Luminaire		Diam.	223 mm	Height	5 mm		
Round Luminous Area		Diam.	155 mm	Height	0 mm		
Horizontal Luminous Area		0.018869 m2		Emitting area on Plane 180°		0.000000 m2	
Emitting area on Plane 0°		0.000000 m2		Emitting area on Plane 270°		0.000000 m2	
Emitting area on Plane 90°		0.000000 m2		Glare area at 76°		0.004565 m2	
Coordinate system		CG		Symmetry Type		Asymmetrical	
Date		31-08-2016		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		1265.57 lm	
Operator		Asselum T2		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	
	55-9909-CA-CM 15° AS	55-9909-CA-CM 15° AS - 27.00 W	1265.57	27.00	1	
C.I.E.	0 0 0 0 100	D DIN 5040	--			
F UTE	1.00 T	B NBN	BZ 10			

Diam=223mm



C Halfplanes

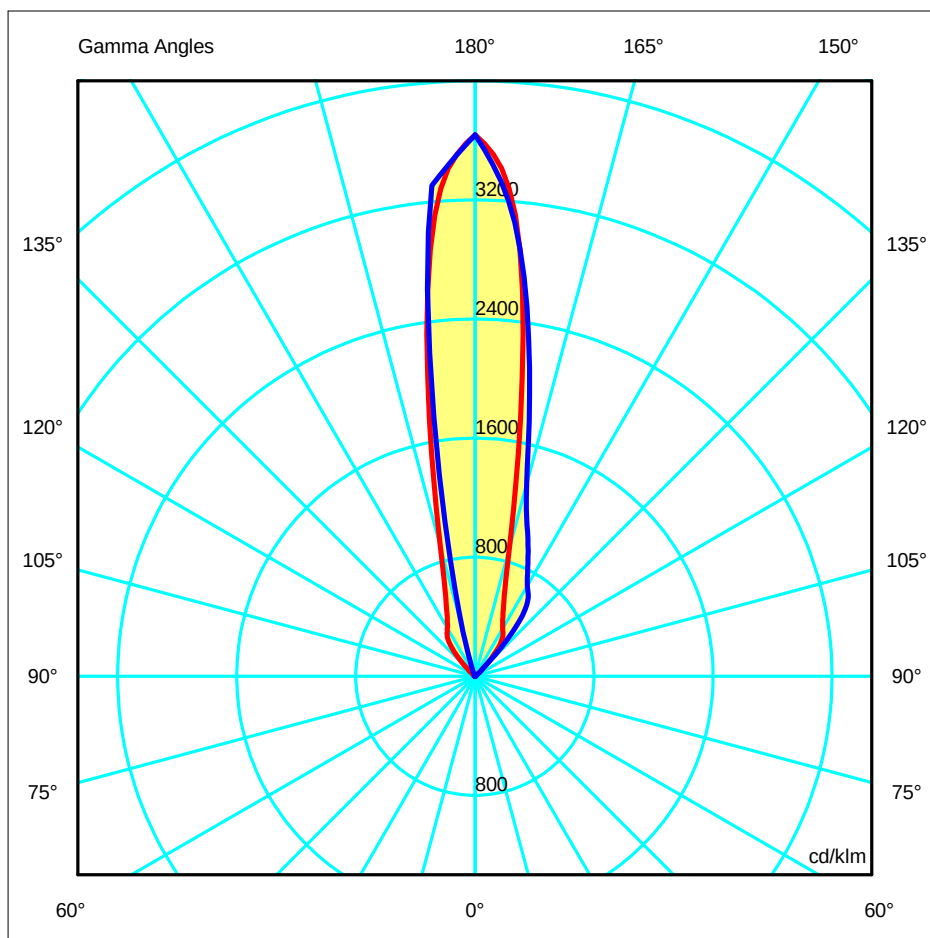
180.0 — 0.0

270.0 — 90.0

ULOR 100.00 %

DLOR 0.01 %

RN 99.99 %



Luminaire

Code 55-9909-CA-CM 15°
Name Empotrable GEA 23W 15° 4000K

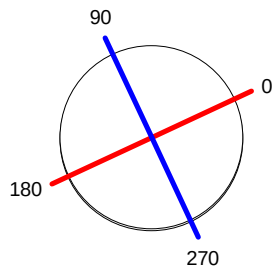
Measur.

Code 55-9909-CA-CM15
Name Empotrable GEA 23W 15° 4000K

Luminaire Flux	2347.28 lm	Luminaire Power	27.00 W	Efficacy	86.94 lm/W	Efficiency	100.00%
Lamps Flux	2347.18 lm	Maximum value	3641.02 cd/klm	Position	C=0.00 G=180.00	CG	Asymmetrical
Round Luminaire		Diam.	223 mm	Height	5 mm		
Round Luminous Area		Diam.	155 mm	Height	0 mm		
Horizontal Luminous Area		0.018869 m2		Emitting area on Plane 180°		0.000000 m2	
Emitting area on Plane 0°		0.000000 m2		Emitting area on Plane 270°		0.000000 m2	
Emitting area on Plane 90°		0.000000 m2		Glare area at 76°		0.004565 m2	
Coordinate system		CG		Symmetry Type		Asymmetrical	
Date		11-04-2016		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		2347.18 lm	
Operator		Asselum T2		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	
	55-9909-CA-CM 15°	55-9909-CA-CM 15° - 27.00 W	2347.18	27.00	1	
C.I.E.	0 0 0 0 100	D DIN 5040	--			
F UTE	1.00 T	B NBN	BZ 10			

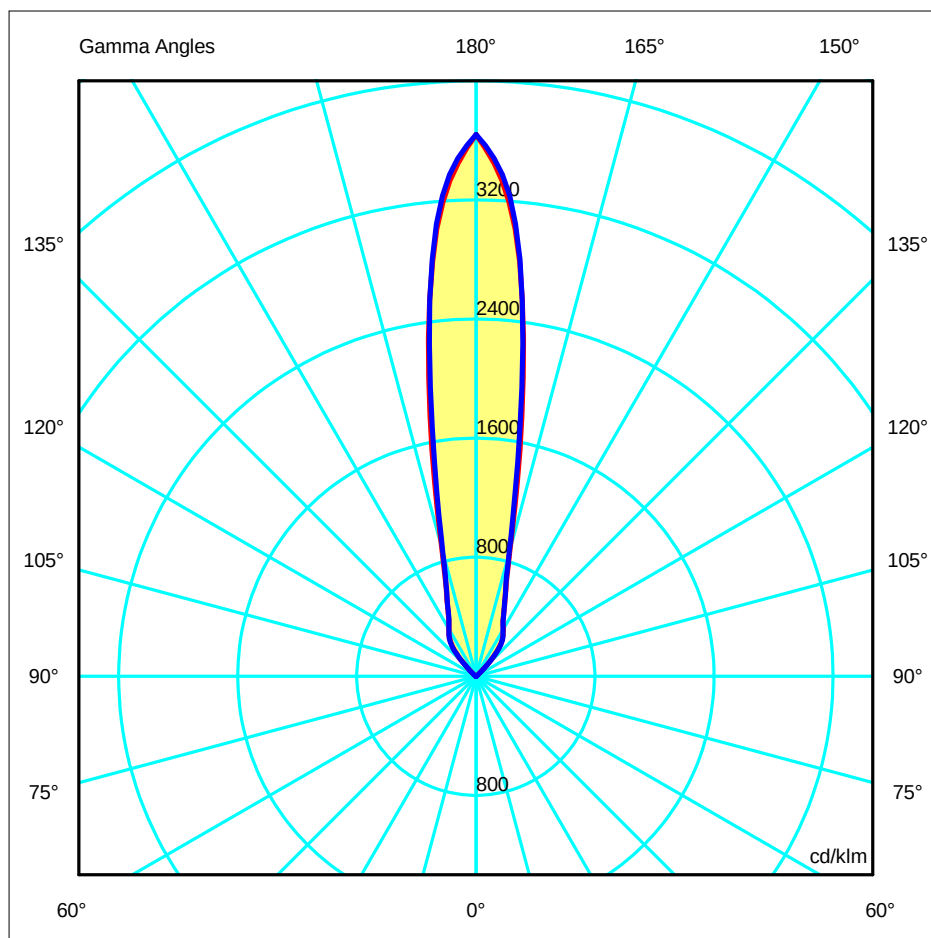
Diam=223mm



C Halfplanes

180.0 — 0.0
270.0 — 90.0

ULOR 100.00 %
DLOR 0.00 %
RN 100.00 %



Luminaire

Code 55-9909-CA-CM 60° AN
Name Uplight GEA led 23W 60° antid.

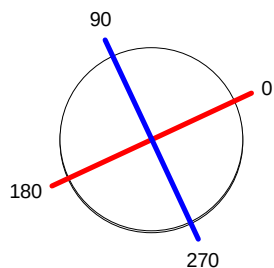
Measur.

Code 55-9909-CA-CL 60 AN
Name Uplight GEA led 23W 60° antid.

Luminaire Flux	1430.61 lm	Luminaire Power	27.00 W	Efficacy	52.99 lm/W	Efficiency	86.30%
Lamps Flux	1657.73 lm	Maximum value	1230.61 cd/klm	Position	C=0.00 G=180.00	CG	Asymmetrical
Round Luminaire Round Luminous Area		Diam. Diam.	223 mm 155 mm	Height Height	5 mm 0 mm		
Horizontal Luminous Area Emitting area on Plane 0° Emitting area on Plane 90°		0.018869 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 0.004565 m2	
Coordinate system Date Measurement Distance		CG 01-09-2016 0.00		Symmetry Type Maximum Gamma Angle Measurement Flux		Asymmetrical 180 1657.73 lm	
Operator Temperature Humidity Notes		Asselum T2 25.00 °C 60.00 %		Source Voltage [V] Source current [A] Photocell			

Luminaire Lamps						
Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty	
	55-9909-CA-CM 60° AN	55-9909-CA-CM 60° AN - 27.00 W	1657.73	27.00	1	
C.I.E. F UTE	0 0 0 0 86 0.86 T					
		D DIN 5040 B NBN	-- BZ 10			

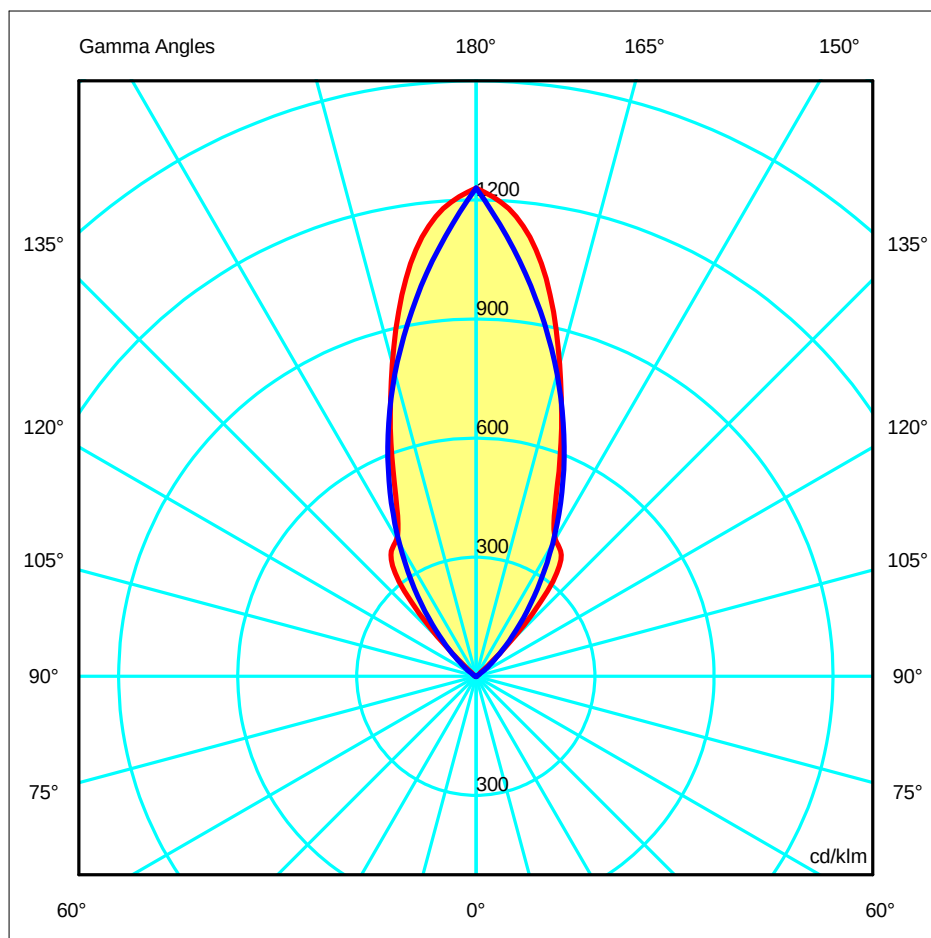
Diam=223mm



C Halfplanes

180.0 — 0.0
270.0 — 90.0

ULOR 86.29 %
DLOR 0.01 %
RN 99.99 %



Luminaire

Code 55-9909-CA-CM 60° AS
Name Uplight GEA led 23W 60° asimtr

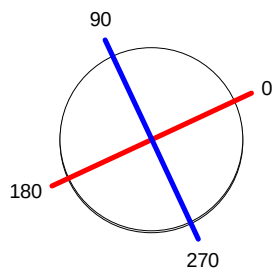
Measur.

Code 55-9909-CA-CL 60 AS
Name Uplight GEA led 23W 60° asimtr

Luminaire Flux	1100.13 lm	Luminaire Power	27.00 W	Efficacy	40.75 lm/W	Efficiency	86.96%
Lamps Flux	1265.05 lm	Maximum value	1547.87 cd/klm	Position	C=270.00 G=175.00	CG	Asymmetrical
Round Luminaire Round Luminous Area		Diam. Diam.	223 mm 155 mm	Height Height	5 mm 0 mm		
Horizontal Luminous Area Emitting area on Plane 0° Emitting area on Plane 90°		0.018869 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 0.004565 m2	
Coordinate system Date Measurement Distance		CG 02-09-2016 0.00		Symmetry Type Maximum Gamma Angle Measurement Flux		Asymmetrical 180 1265.05 lm	
Operator Temperature Humidity Notes		Asselum T2 25.00 °C 60.00 %		Source Voltage [V] Source current [A] Photocell			

Luminaire Lamps						
Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty	
	55-9909-CA-CM 60° AS	55-9909-CA-CM 60° AS - 27.00 W	1265.05	27.00	1	
C.I.E. F UTE	0 0 0 0 87 0.87 T	D DIN 5040 B NBN	-- BZ 10			

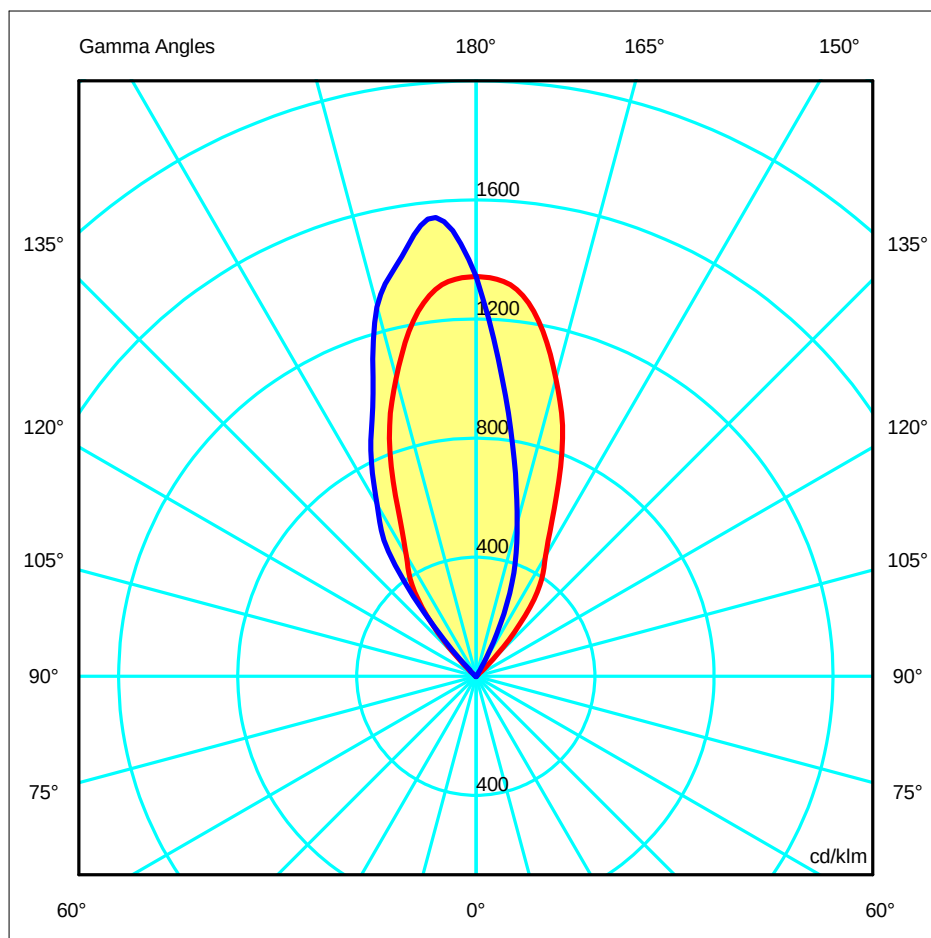
Diam=223mm



C Halfplanes

180.0 — 0.0
270.0 — 90.0

ULOR 86.96 %
DLOR 0.01 %
RN 99.99 %



Luminaire

Code 55-9909-CA-CM 60°
Name Empotrable GEA 23W 60° 4000K

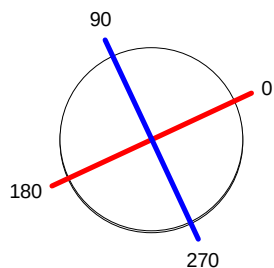
Measur.

Code 55-9909-CA-CL 60
Name Empotrable GEA 23W 60° 4000K

Luminaire Flux	2317.44 lm	Luminaire Power	27.00 W	Efficacy	85.83 lm/W	Efficiency	100.00%
Lamps Flux	2317.35 lm	Maximum value	1413.10 cd/klm	Position	C=0.00 G=180.00	CG	Asymmetrical
Round Luminaire		Diam.	223 mm	Height	5 mm		
Round Luminous Area		Diam.	155 mm	Height	0 mm		
Horizontal Luminous Area		0.018869 m2		Emitting area on Plane 180°		0.000000 m2	
Emitting area on Plane 0°		0.000000 m2		Emitting area on Plane 270°		0.000000 m2	
Emitting area on Plane 90°		0.000000 m2		Glare area at 76°		0.004565 m2	
Coordinate system		CG		Symmetry Type		Asymmetrical	
Date		11-04-2016		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		2317.35 lm	
Operator		Asselum T2		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	
	55-9909-CA-CM 60°	55-9909-CA-CM 60° - 27.00 W	2317.35	27.00	1	
C.I.E.	0 0 0 0 100	D DIN 5040	--			
F UTE	1.00 T	B NBN	BZ 10			

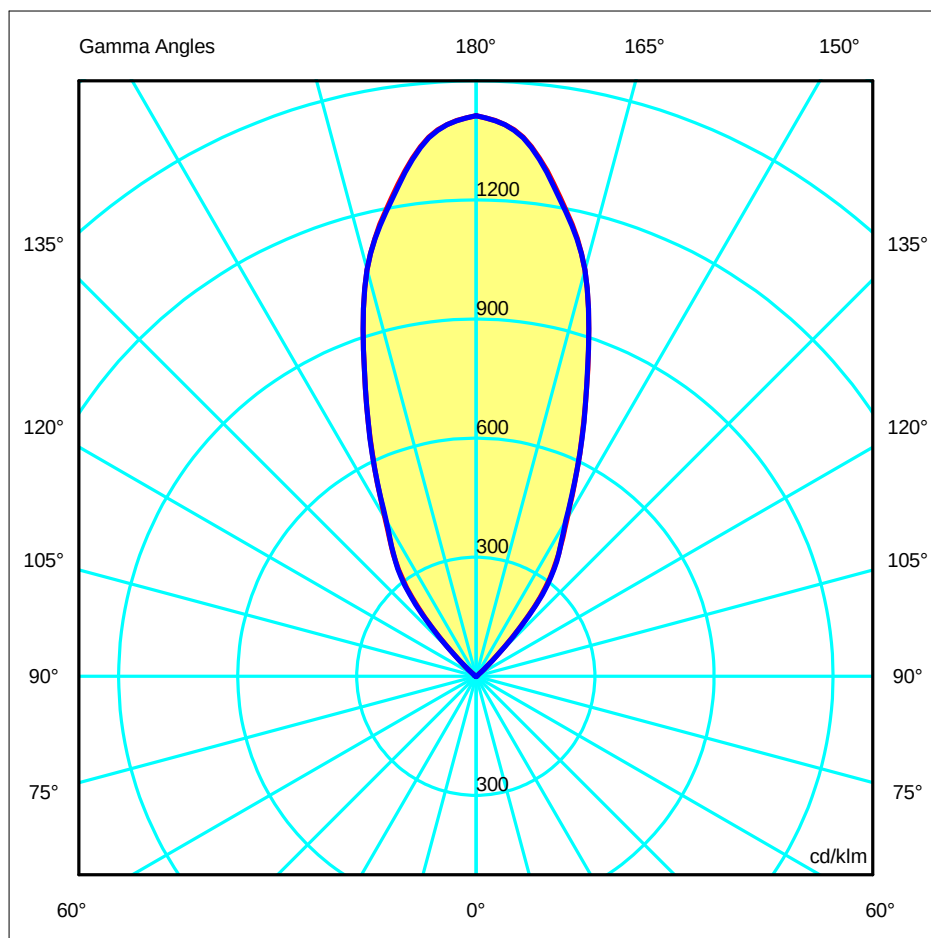
Diam=223mm

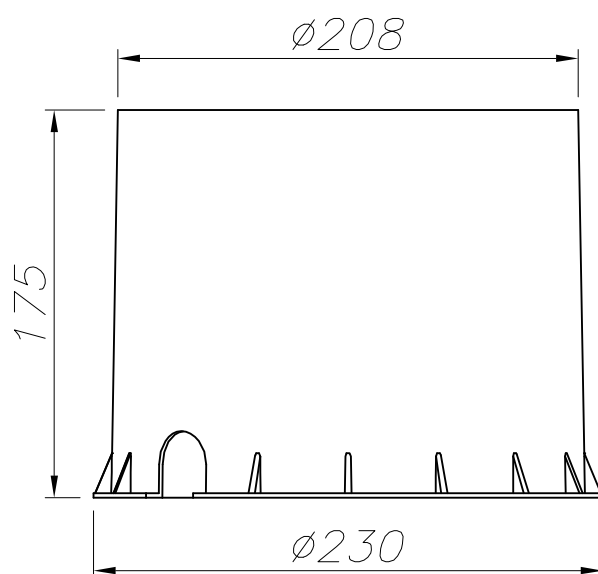
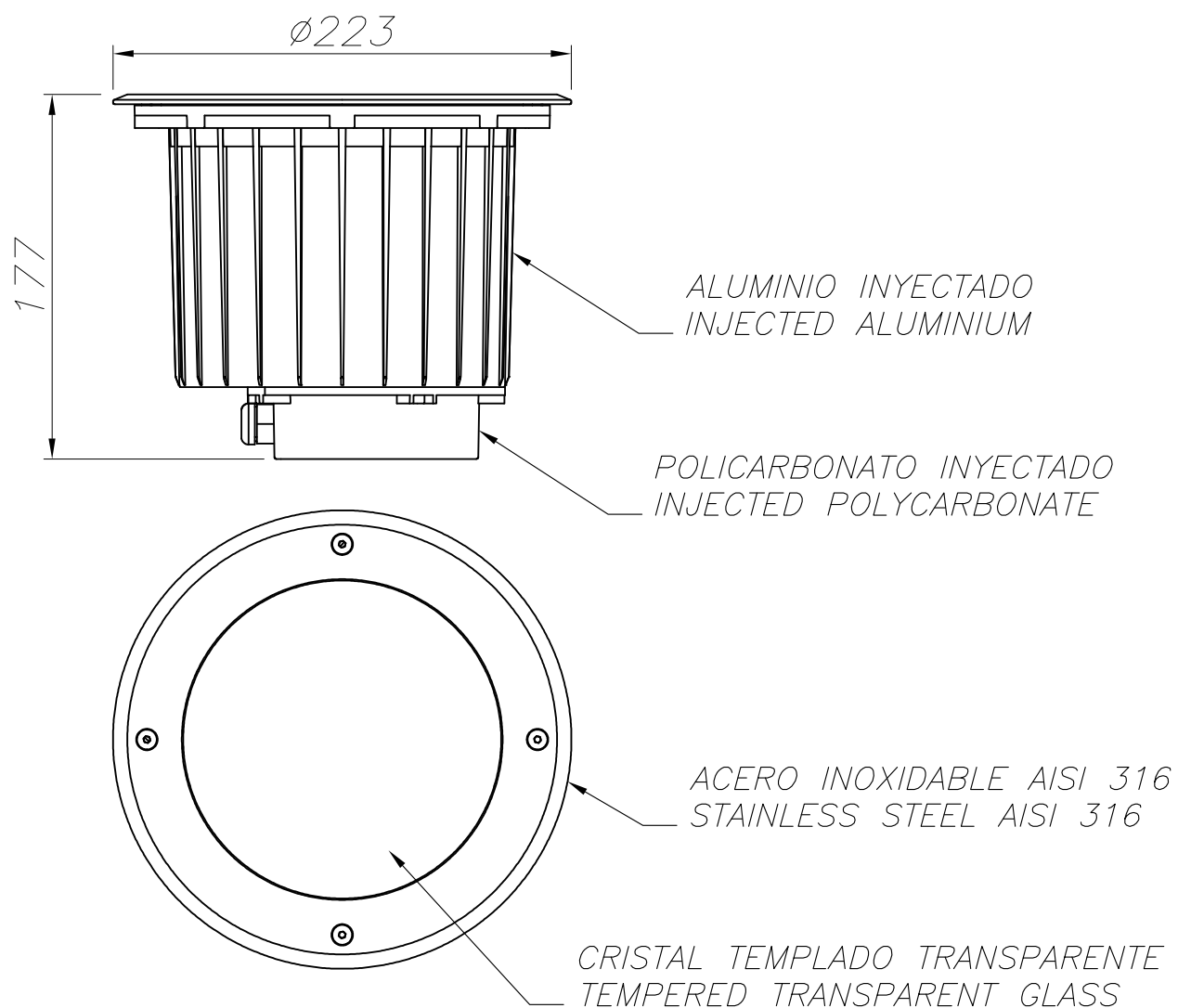


C Halfplanes

180.0 — 0.0
270.0 — 90.0

ULOR 100.00 %
DLOR 0.00 %
RN 100.00 %





CAJA DE EMPOTRAR
FLUSH FITTING BOX

