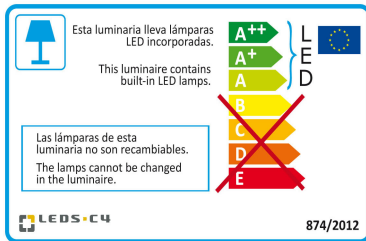




The photograph may not match the reference exactly. Please read the product description to identify the finish.

[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 Neutral white - 4000K 2993 lm <sup>(N)</sup> 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:	8435381439989



### MATERIALS / FINISHES

<b>Structure material:</b>	Stainless steel AISI316 High purity aluminium	<b>Diffuser material:</b>	Glass
<b>Structure finish:</b>	Polished Black	<b>Diffuser finish:</b>	Tempered

### GEAR

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

Lm<sup>(N)</sup>: 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.

LEDS-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.

**Luminaire**

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

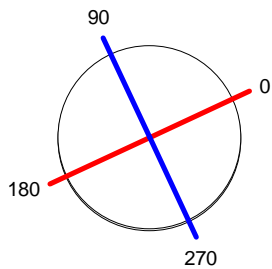
**Measur.**

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 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 1490.76 lm	
Operator Temperature Humidity Notes		Asselum T2 25.00 °C 60.00 %		Source Voltage [V] Source current [A] Photocell			

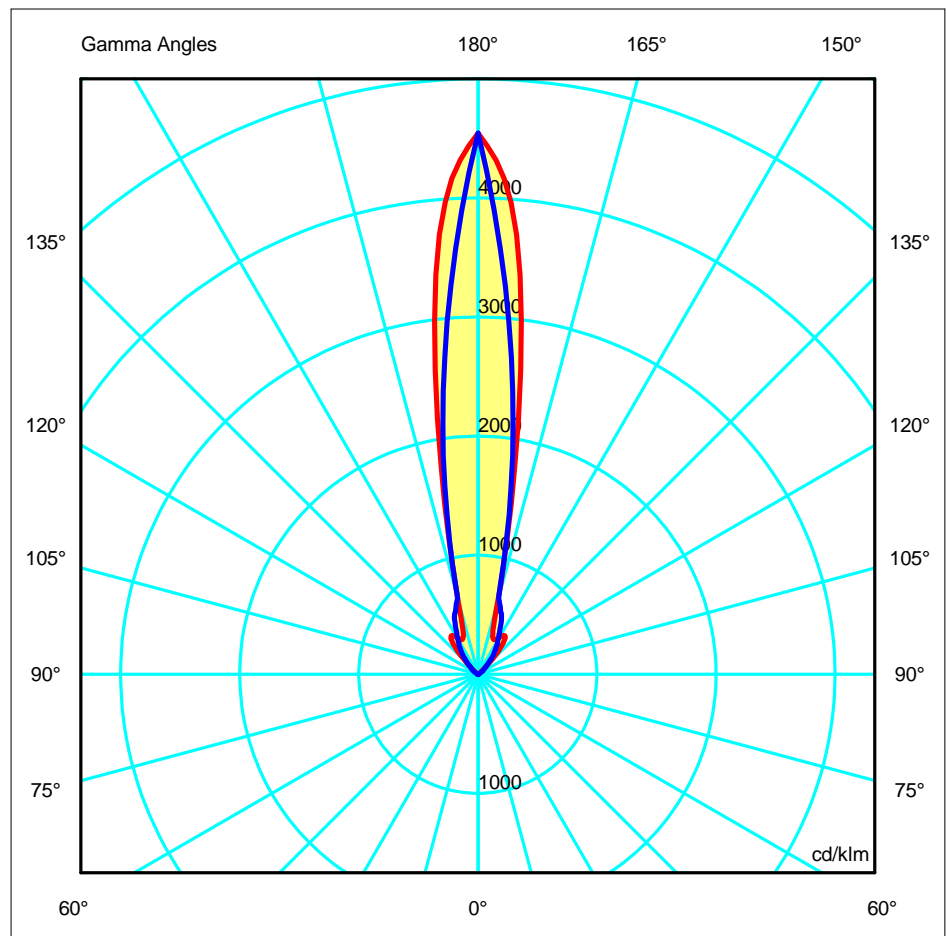
		Luminaire Lamps				
Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty	
	55-9909-CA-CL 15° AN	55-9909-CA-CL 15° AN - 27.00 W	1490.76	27.00	1	
C.I.E.	0 0 0 0 97					D DIN 5040
F UTE	0.97 T					B NBN
						-- BZ 10

Diam=223mm



C Halfplanes  
 180.0 — 0.0  
 270.0 — 90.0

ULOR 96.91 %  
 DLOR 0.01 %  
 RN 99.99 %



**Luminaire**

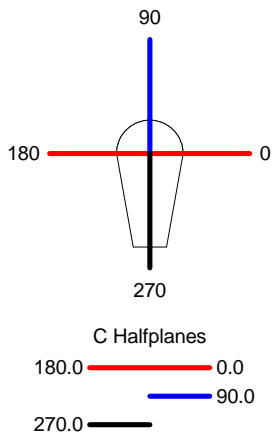
Code 55-9909-CA-CL 15° AS  
 Name Uplight GEA led 23W 15° asimet

**Measur.**

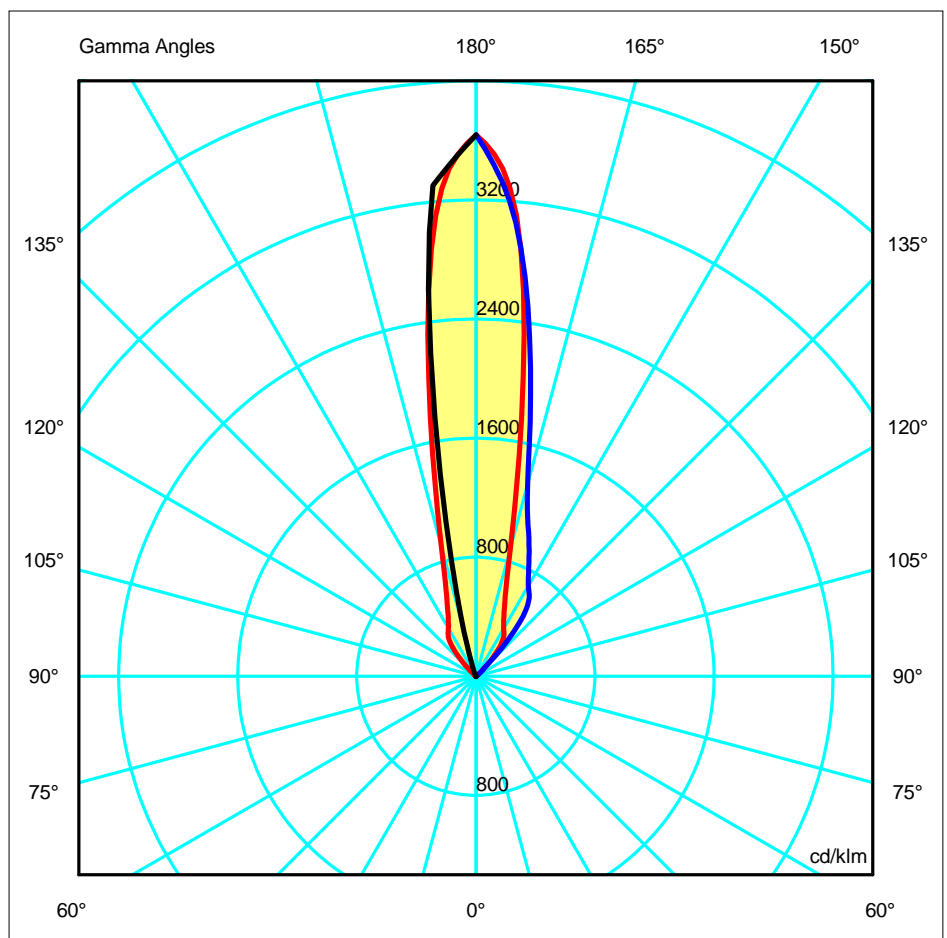
Code 55-9909-CA-CL 15 AS  
 Name Uplight GEA led 23W 15° asimet

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 Round Luminous Area		Diam.	223 mm	Height	5 mm		
		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.

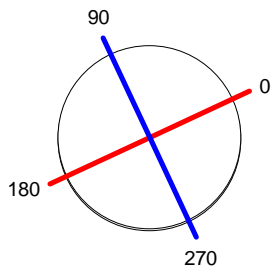
**Measur.**

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			

		<b>Luminaire Lamps</b>				
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.	0 0 0 0 99					D DIN 5040
F UTE	0.99 T					B NBN
						-- BZ 10

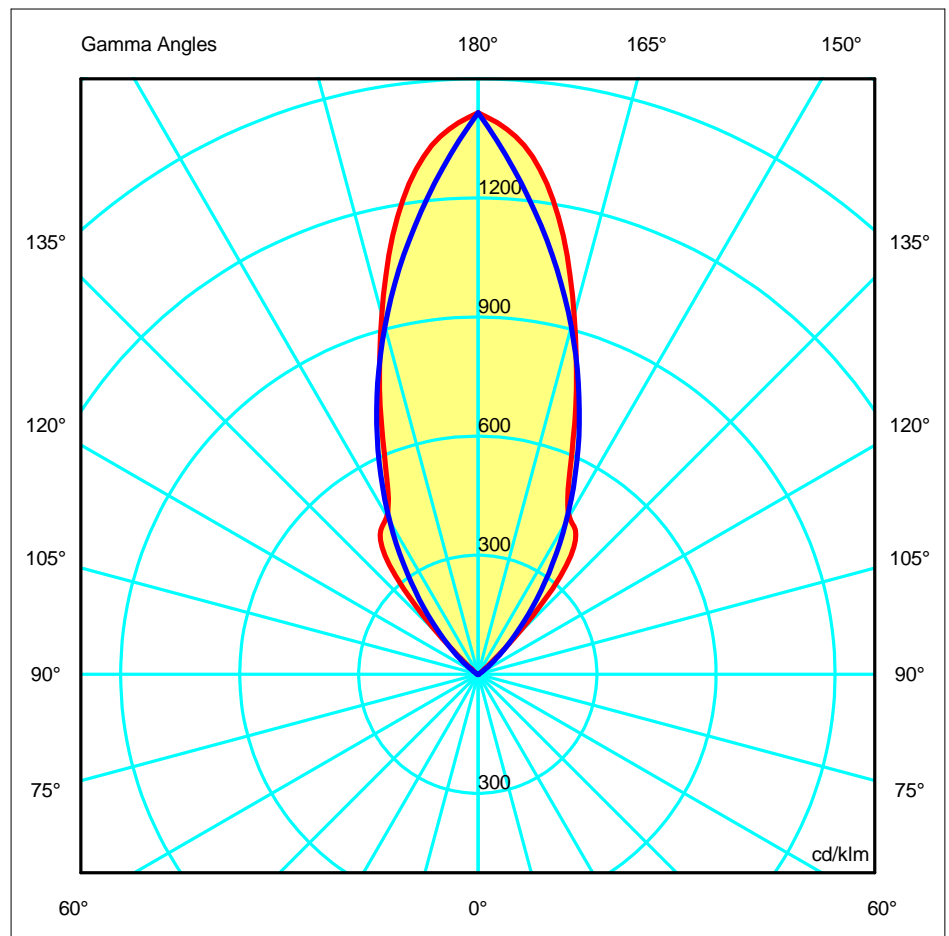
Diam=223mm



**C Halfplanes**

180.0 ——— 0.0  
 270.0 ——— 90.0

ULOR 99.23 %  
 DLOR 0.01 %  
 RN 99.99 %



**Luminaire**

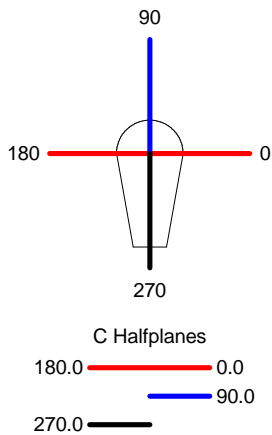
Code 55-9909-CA-CL 60° AS  
 Name Uplight GEA led 23W 60° asimtr

**Measur.**

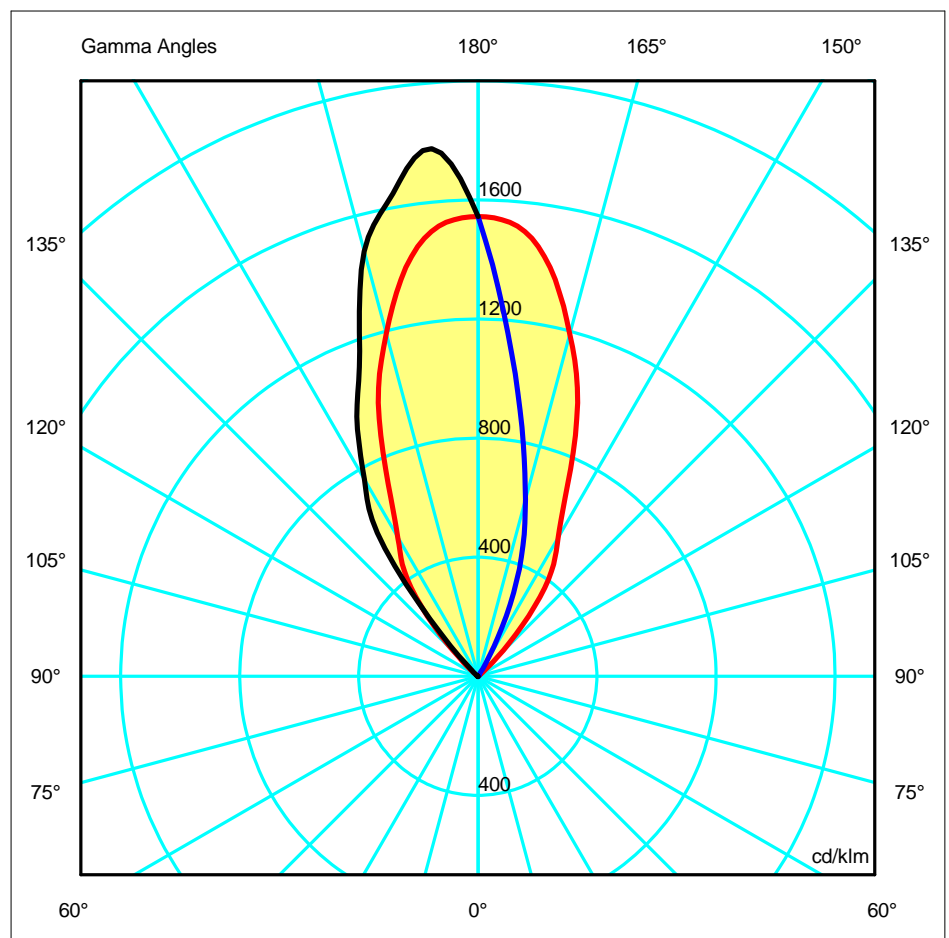
Code 55-9909-CA-CL 60 AS  
 Name Uplight GEA led 23W 60° asimtr

Luminaire Flux	1100.13 lm	Luminaire Power	27.00 W	Efficacy	40.75 lm/W	Efficiency	100.01%
Lamps Flux	1100.05 lm	Maximum value	1780.04 cd/klm	Position	C=270.00 G=175.00	CG	Asymmetrical
Round Luminaire Round Luminous Area		Diam.	223 mm	Height	5 mm		
		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							

Line	Luminaire Lamps					
	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

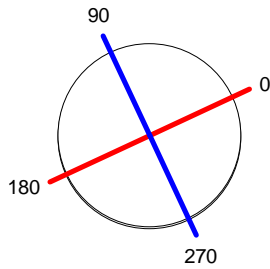
**Measur.**

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 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 11-04-2016 0.00		Symmetry Type Maximum Gamma Angle Measurement Flux		Asymmetrical 180 2207.57 lm	
Operator Temperature Humidity Notes		Asselum T2 25.00 °C 60.00 %		Source Voltage [V] Source current [A] Photocell			

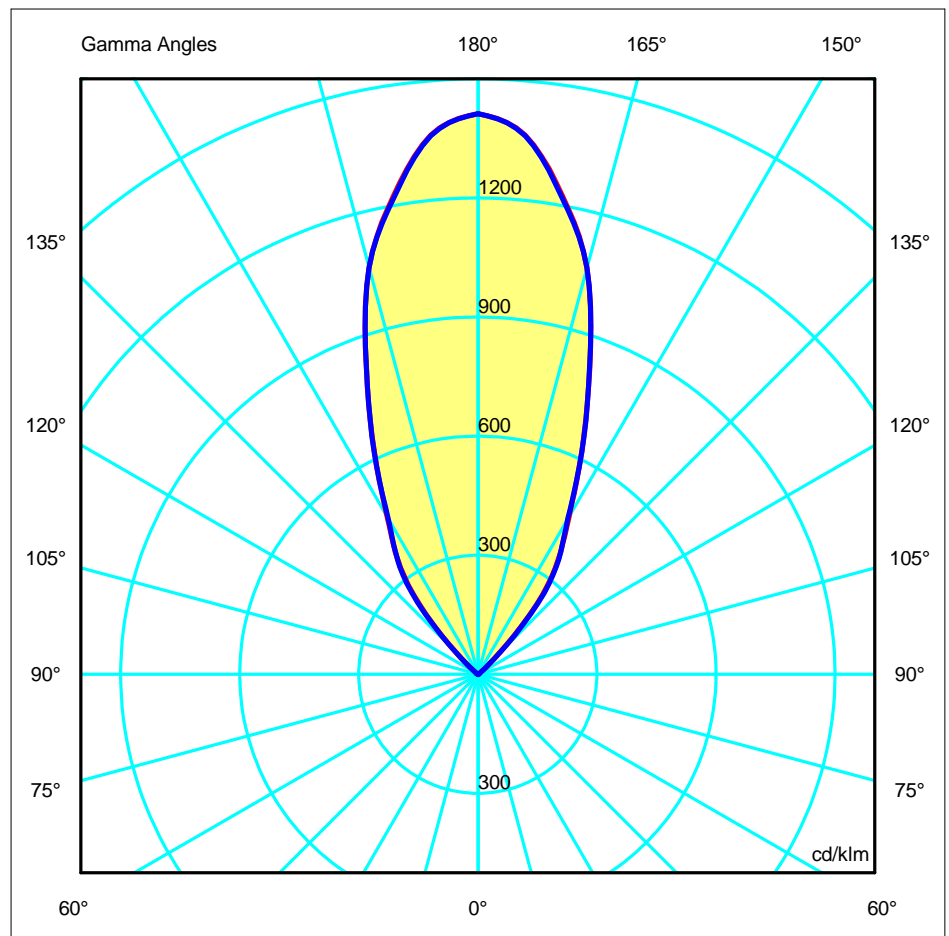
		<b>Luminaire Lamps</b>				
Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty	
	55-9909-CA-CL 60°	55-9909-CA-CL 60° - 27.00 W	2207.57	27.00	1	
C.I.E.	0 0 0 0 100					D DIN 5040
F UTE	1.00 T					B NBN
						-- BZ 10

Diam=223mm



**C Halfplanes**  
 180.0 — 0.0  
 270.0 — 90.0

ULOR 100.00 %  
 DLOR 0.00 %  
 RN 100.00 %



<b>LED'S C4</b>
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REF. ENSAYO	REFERENCIA	POTENCIA NOMINAL (W)	POTENCIA (W)	POTENCIA APARENTE (VA)	POTENCIA REACTIVA (VAR)	COSENO DE PHI (PF)	CURRENT (A)
684/2016	<b>55-9909-CA-CL 15° AS</b>	23	27,3	28,98	9,72	0,942	0,126
685/2016	<b>55-9909-CA-CL 15° AN</b>	23	27,3	28,98	9,72	0,942	0,126
686/2016	<b>55-9909-CA-CL 60° AN</b>	23	27,3	28,98	9,72	0,942	0,126
687/2016	<b>55-9909-CA-CL 60° AS</b>	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.

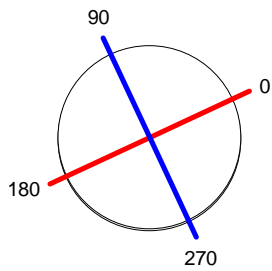
**Measur.**

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 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 1714.37 lm	
Operator Temperature Humidity Notes		Asselum T2 25.00 °C 60.00 %		Source Voltage [V] Source current [A] Photocell			

		<b>Luminaire Lamps</b>				
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

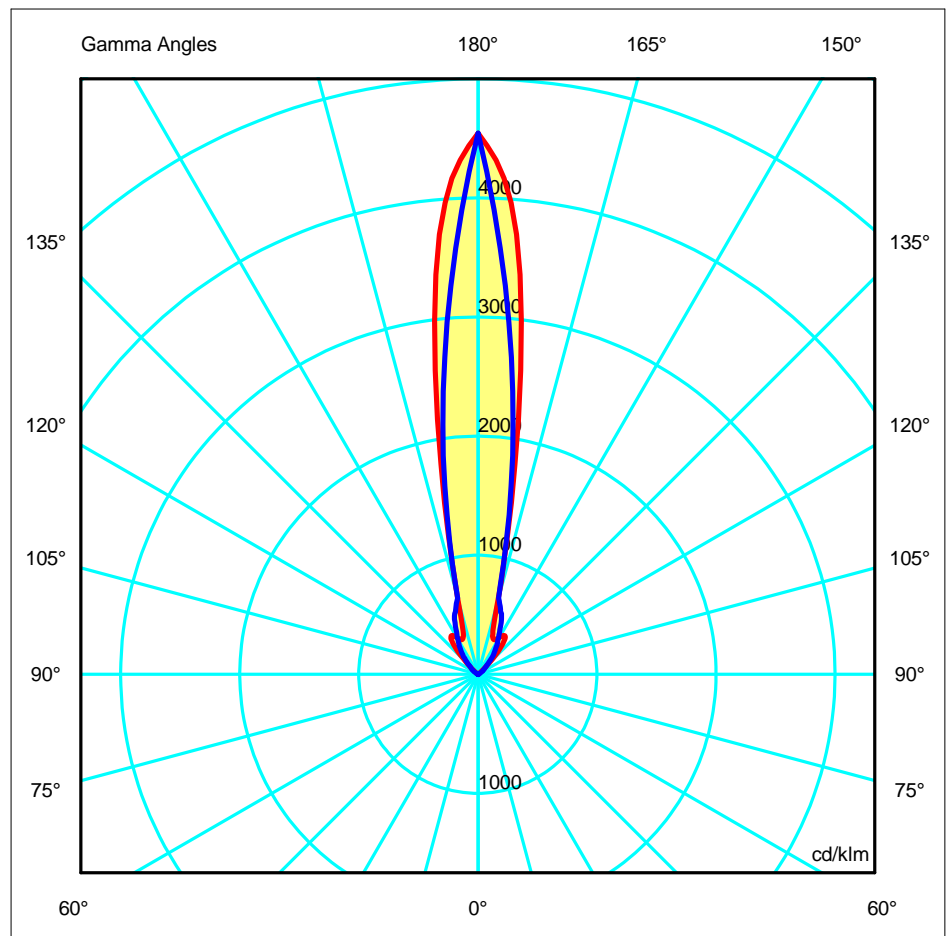
Diam=223mm



**C Halfplanes**

180.0 — 0.0 (Red line)  
 270.0 — 90.0 (Blue line)

ULOR 96.91 %  
 DLOR 0.01 %  
 RN 99.99 %





**Luminaire**

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

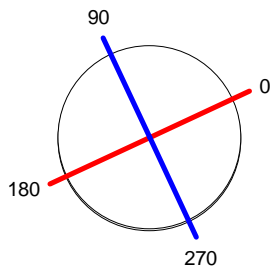
**Measur.**

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 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 31-08-2016 0.00		Symmetry Type Maximum Gamma Angle Measurement Flux		Asymmetrical 180 1265.57 lm	
Operator Temperature Humidity Notes		Asselum T2 25.00 °C 60.00 %		Source Voltage [V] Source current [A] Photocell			

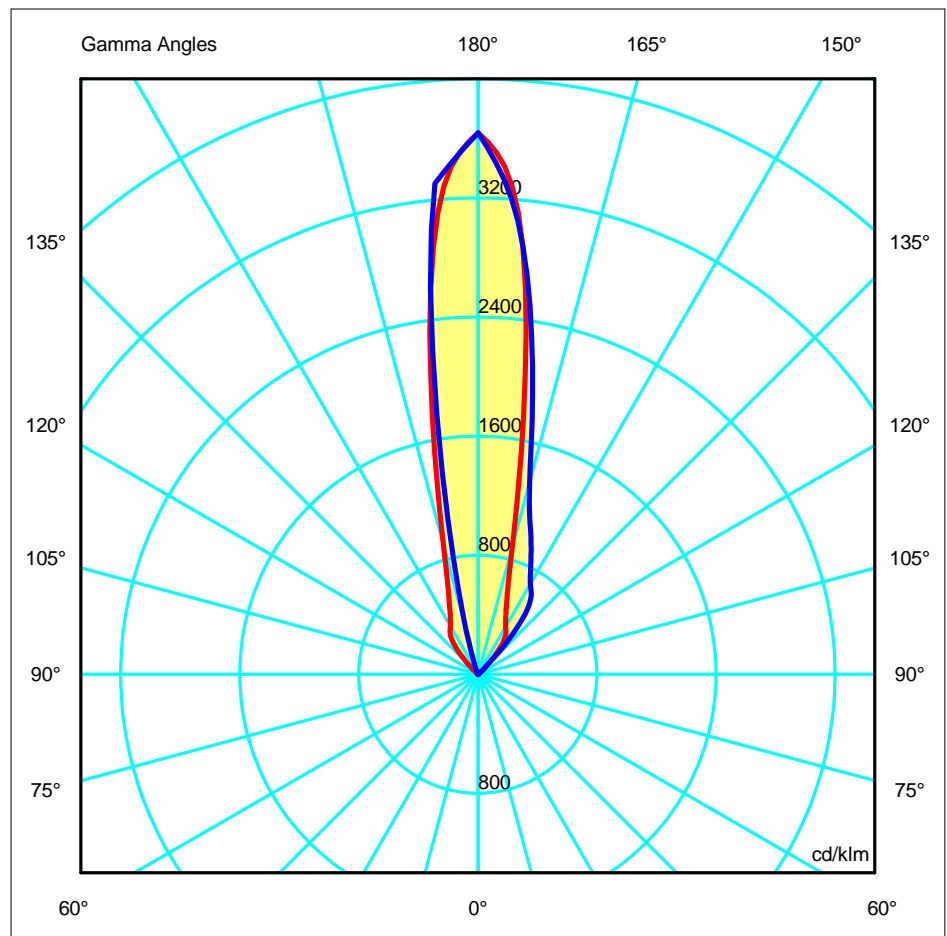
		<b>Luminaire Lamps</b>			
Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty
	55-9909-CA-CM 15° AS	55-9909-CA-CM 15° AS - 27.00 W	1265.57	180	1
C.I.E.	0 0 0 0 100				
F UTE	1.00 T	D DIN 5040 B NBN	-- BZ 10		

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

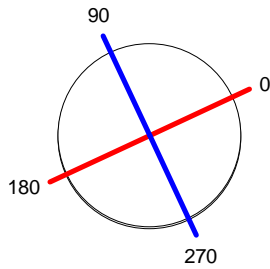
**Measur.**

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 Round Luminous Area		Diam.	223 mm	Height	5 mm		
		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							

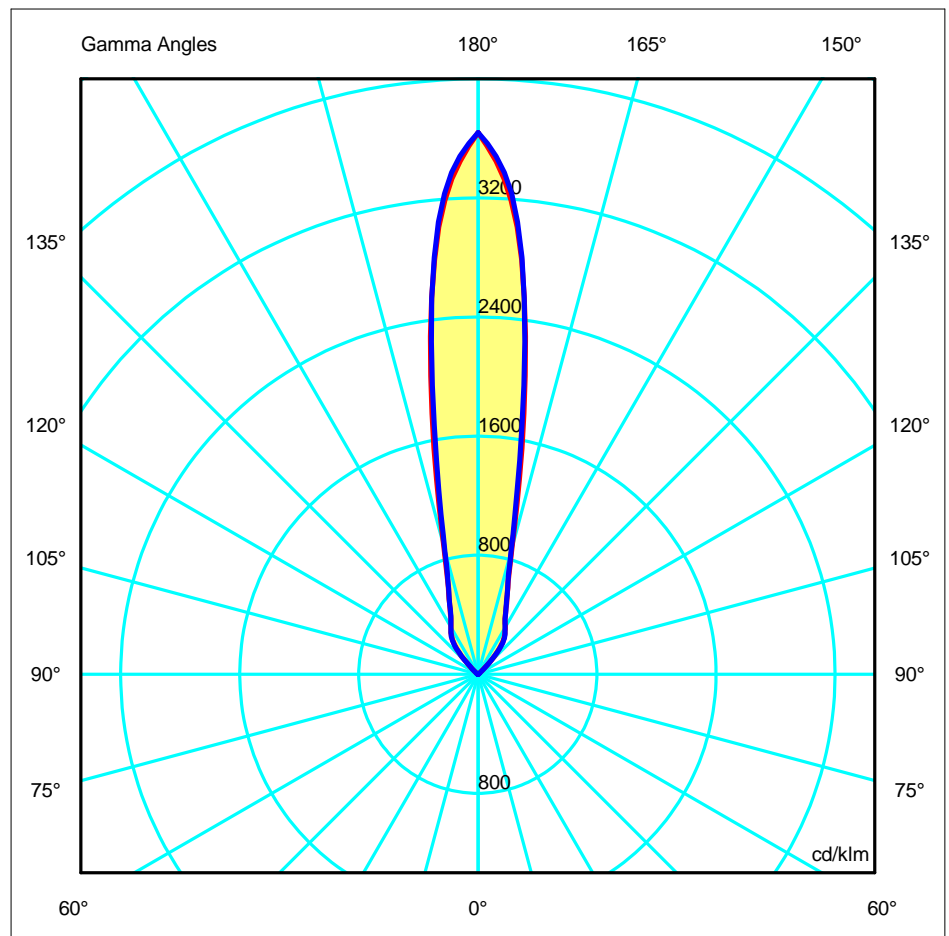
		<b>Luminaire Lamps</b>			
Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty
	55-9909-CA-CM 15°	55-9909-CA-CM 15° - 27.00 W	2347.18	27.00	1
C.I.E.	0 0 0 0 100				
F UTE	1.00 T	D DIN 5040 B NBN	-- BZ 10		

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.

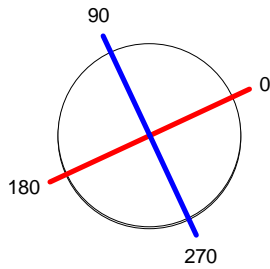
**Measur.**

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			

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

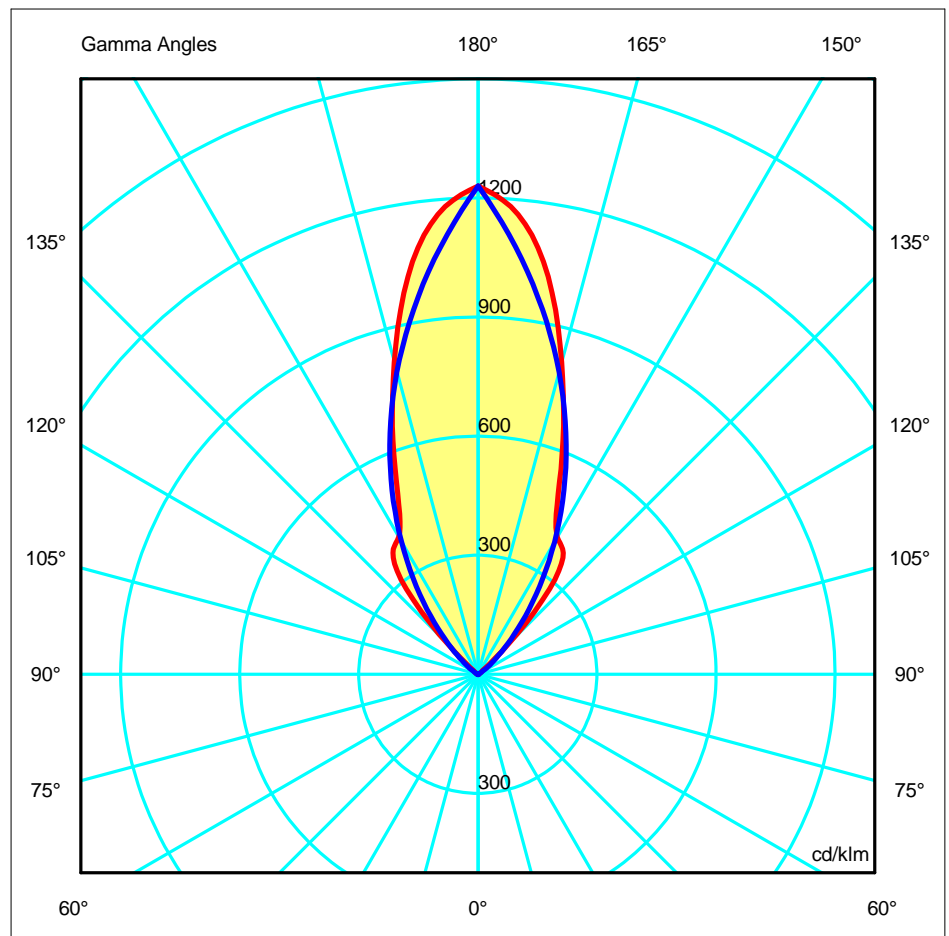
Diam=223mm



**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

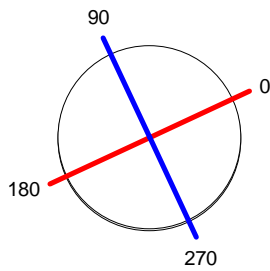
**Measur.**

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.	223 mm	Height	5 mm		
		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		02-09-2016		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		1265.05 lm	
Operator		Asselum T2		Source Voltage [V]			
Temperature		25.00 °C		Source current [A]			
Humidity		60.00 %		Photocell			
Notes							

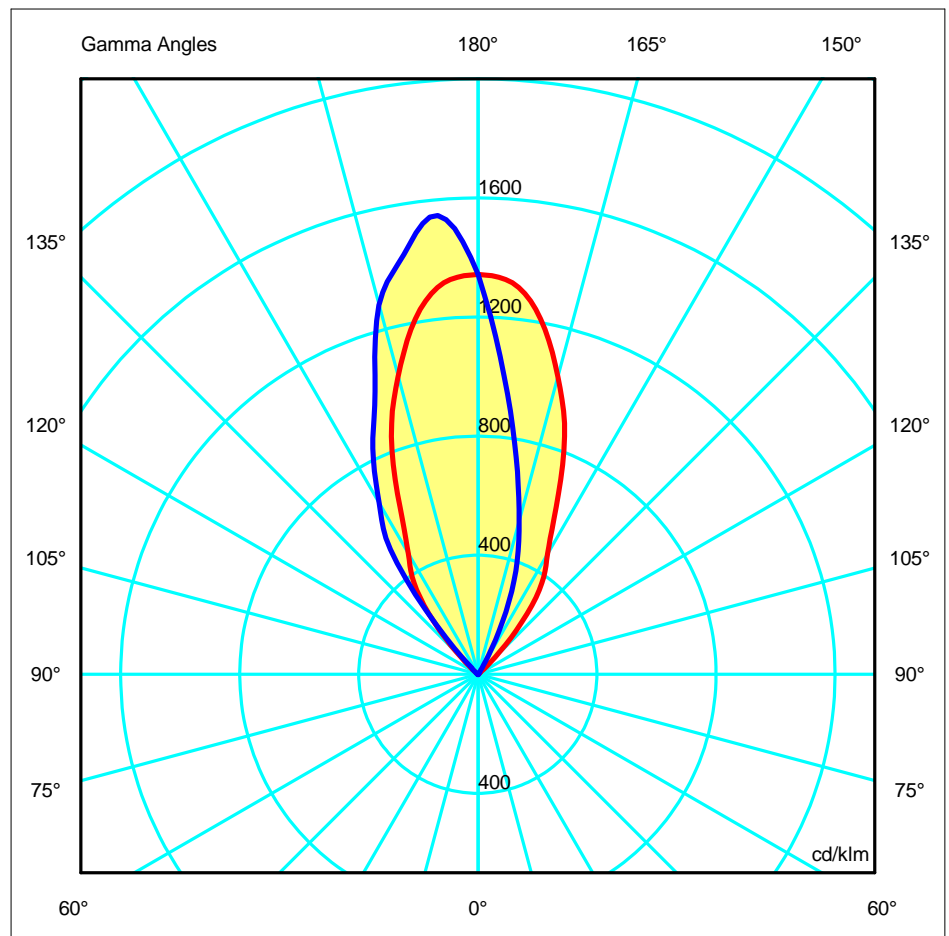
		<b>Luminaire Lamps</b>				
Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty	
	55-9909-CA-CM 60° AS	55-9909-CA-CM 60° AS - 27.00 W	1265.05	27.00	1	
C.I.E.	0 0 0 0 87					D DIN 5040
F UTE	0.87 T					B NBN
						-- BZ 10

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

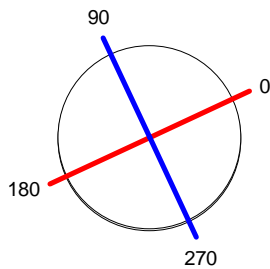
**Measur.**

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 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 11-04-2016 0.00		Symmetry Type Maximum Gamma Angle Measurement Flux		Asymmetrical 180 2317.35 lm	
Operator Temperature Humidity Notes		Asselum T2 25.00 °C 60.00 %		Source Voltage [V] Source current [A] Photocell			

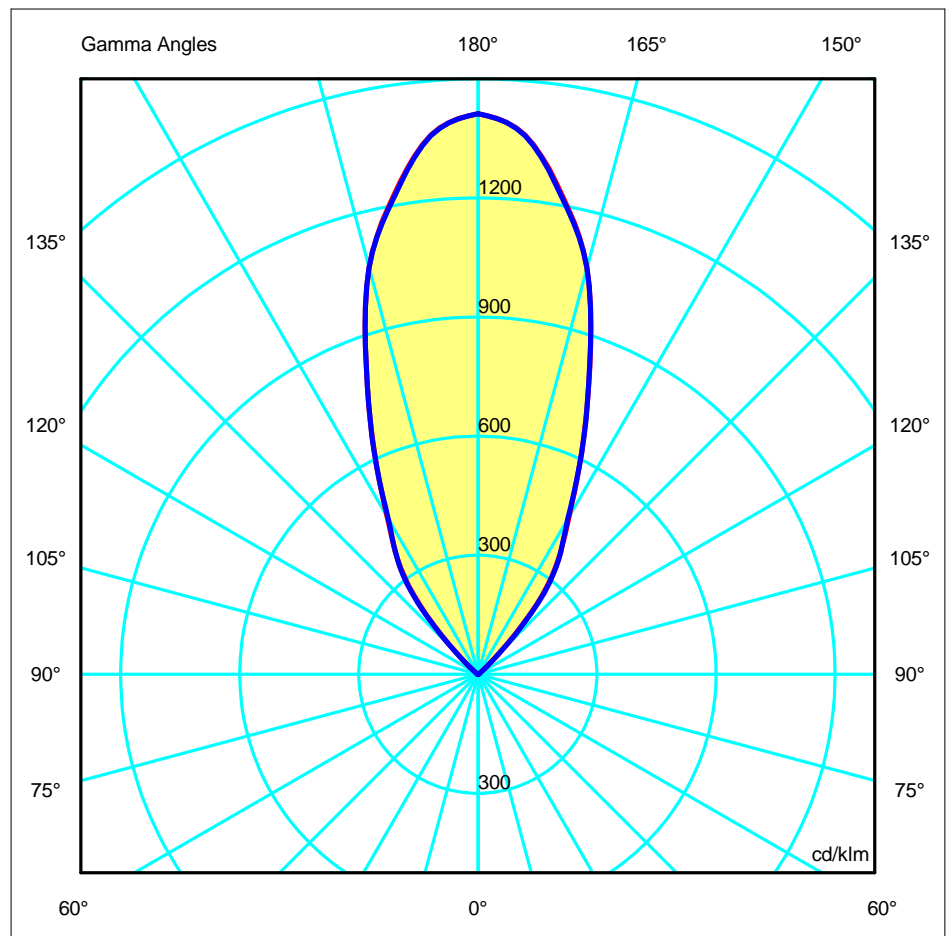
		<b>Luminaire Lamps</b>				
Line		Code 55-9909-CA-CM 60°	Name 55-9909-CA-CM 60° - 27.00 W	Flux [lm] 2317.35	Pow. [W] 27.00	Q.ty 1
C.I.E. F UTE	0 0 0 0 100 1.00 T		D DIN 5040 B NBN	-- BZ 10		

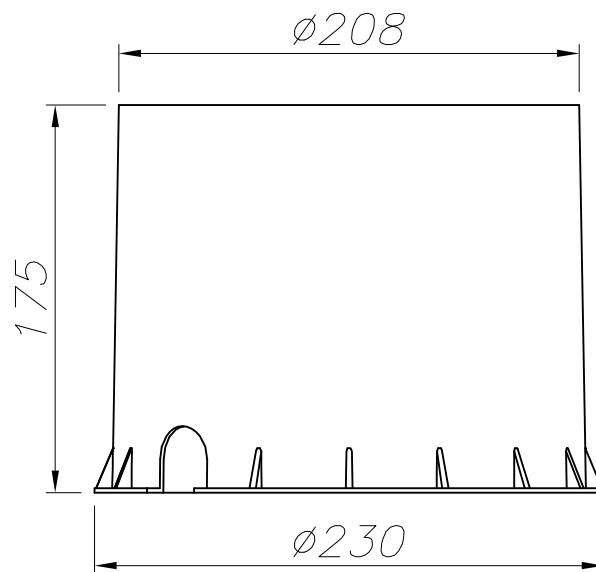
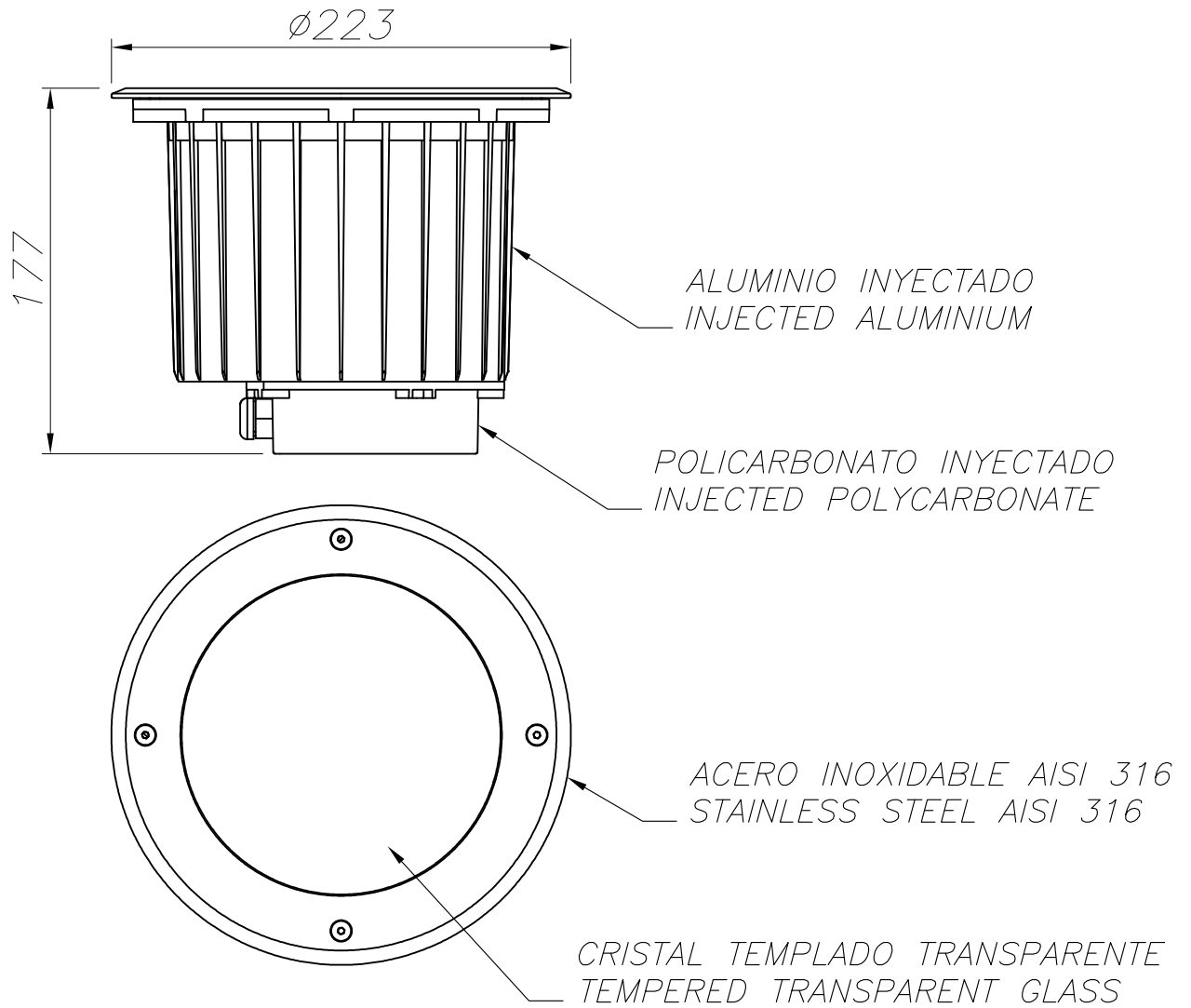
Diam=223mm



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

