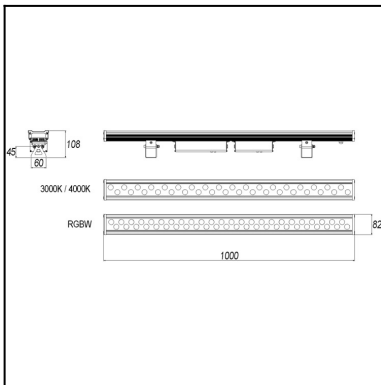


IN / OUT

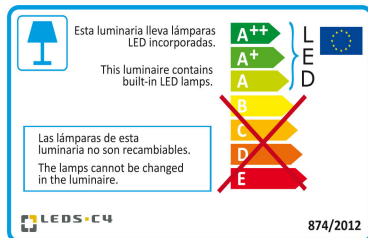
SANAT SAN-1C-E60



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:	Spotlight
Adjustable:	Adjustable $\pm 90^\circ$ on the vertical axis
IP Protection degrees:	IP65
Light source 1:	48 x LED Cree 70W led RGBW CRI 80
Angle of the optics / Reflector:	10x35°
Voltage / Frequency:	110-240V/50-60Hz
Warranty (Years):	3
Option to extend the guarantee (Years):	5
Units per box:	4
Net Weight (Kg):	5
EAN:	8435381429140



MATERIALS / FINISHES

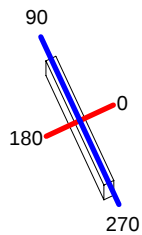
Structure material:	Aluminium	Diffuser material:	Glass
Structure finish:	Anodized	Diffuser finish:	Transparent

GEAR

Multi-voltage electronic gear included (110-240 V / 50-60 Hz)
Dimming protocol: DMX

Luminaire			Measur.			Lamp	
Code	SAN-1C-E60 B		Code	SAN-1C-E60 B		Code	SAN-1C-E60 B
Name	Luminaria SANAT leds RGB blue		Name	Luminaria SANAT leds RGB blue		Number	1
Line	- LEDS C4 LEDS		Date	30-11-2015		Position	Universal
Luminaire Flux		508.72 lm	Luminaire Power		26.00 W	Efficacy	19.57 lm/W
Lamps Flux		508.73 lm	Maximum value	3382.94 cd	Position	C=0.00 G=0.00	CG Double Symmetrical
Rectangular Luminaire		Length	1000 mm	Width	80 mm	Height	105 mm
Rectangular Luminous Area		Length	950 mm	Width	40 mm	Height	0 mm
Horizontal Luminous Area		0.038000 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°		0.009193 m2		
Coordinate system		CG	Symmetry Type		Double Symmetrical		
Date		30-11-2015	Maximum Gamma Angle		90		
Measurement Distance		6.44	Measurement Flux		508.73 lm		
Operator		Asselum T2	Source voltage		230.00 V		
Temperature		20.00 °C	Source current				
Humidity		46.00 %	Photocell		Prc		
Notes							
Luminaire Lamps							
Line	Code		Name		Flux [lm]	Pow. [W]	Q.ty
- LEDS C4 LEDS	SAN-1C-E60 B		Lámpara leds 25.5W RGB blue		508.73	26.00	1
C.I.E.	91 98 100 100 100	D DIN 5040		A60			
F UTE	1.00 A	B NBN		BZ 1			

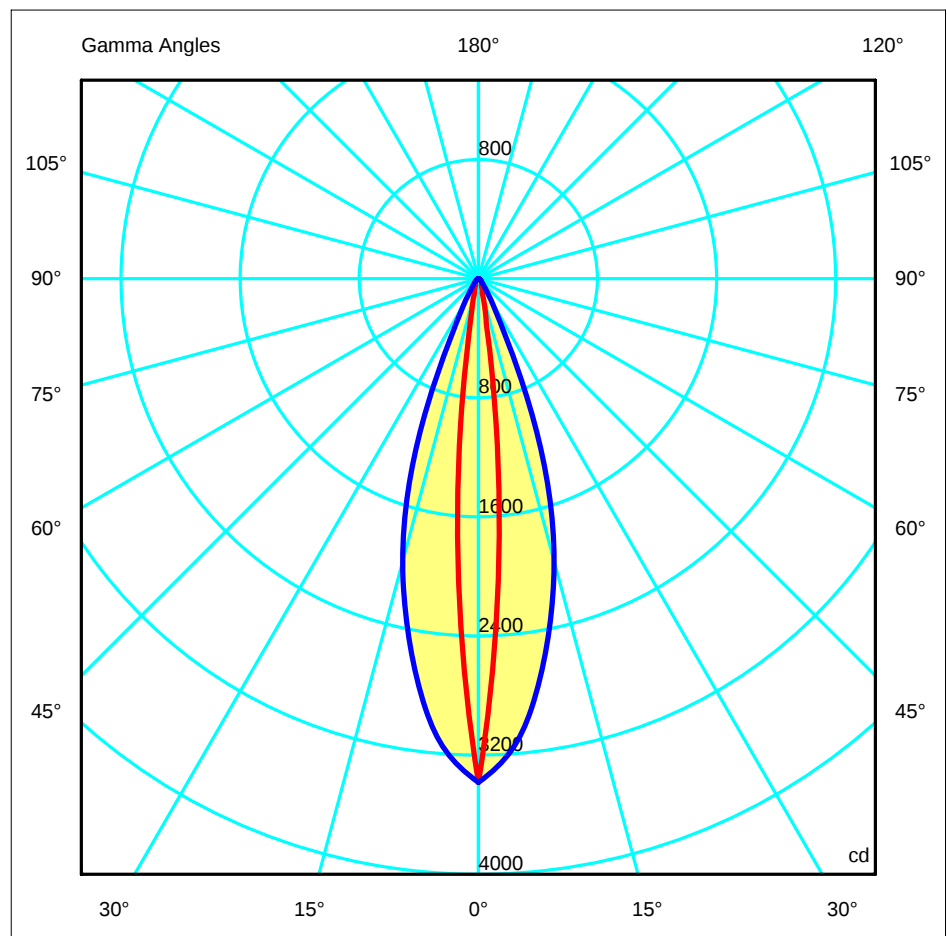
1000mm x 80mm



C Halfplanes

180.0 — 0.0
270.0 — 90.0

ULOR 0.00 %
DLOR 100.00 %
RN 0.00 %

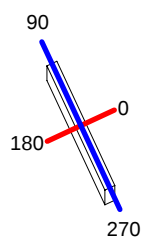


LED'S C4

REF. ENSAYO	REFERENCIA	POTENCIA NOMINAL (W)	POTENCIA (W)	POTENCIA APARENTE (VA)	POTENCIA REACTIVA (VAR)	COSENO DE PHI (PF)	CURRENT (A)
503/2015	SAN-1C-E60	70	68,03	71,76	22,83	0,948	0,313
686/2015	SAN-1C-E60 R		19,83	29,35	21,65	0,675	0,127
687/2015	SAN-1C-E60 G		25,27	32,3	20,74	0,766	0,143
688/2015	SAN-1C-E60 B		25,27	32,2	19,57	0,798	0,14

Luminaire			Measur.			Lamp		
Code	SAN-1C-E60 G		Code	SAN-1C-E60 G		Code	SAN-1C-E60 G	
Name	Luminaria SANAT leds RGB green		Name	Luminaria SANAT leds RGB green		Number	1	
Line	- LEDS C4 LEDS		Date	30-11-2015		Position	Universal	
Luminaire Flux		1320.03 lm	Luminaire Power		25.00 W	Efficacy	52.80 lm/W	
Lamps Flux		1320.03 lm	Maximum value	8932.41 cd	Position	C=0.00 G=0.00	Efficiency	100.00%
Rectangular Luminaire		Length	1000 mm	Width	80 mm	Height	105 mm	
Rectangular Luminous Area		Length	950 mm	Width	40 mm	Height	0 mm	
Horizontal Luminous Area		0.038000 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°		0.009193 m2			
Coordinate system		CG	Symmetry Type		Double Symmetrical			
Date		30-11-2015	Maximum Gamma Angle		90			
Measurement Distance		6.44	Measurement Flux		1320.03 lm			
Operator		Asselum T2	Source voltage		230.00 V			
Temperature		20.00 °C	Source current					
Humidity		47.00 %	Photocell		Prc			
Notes								
Luminaire Lamps								
Line	Code		Name		Flux [lm]	Pow. [W]	Q.ty	
- LEDS C4 LEDS	SAN-1C-E60 G		Lámpara leds 25.2W RGB green		1320.03	25.00	1	
C.I.E.	91 98 100 100 100	D DIN 5040		A60				
F UTE	1.00 A	B NBN		BZ 1				

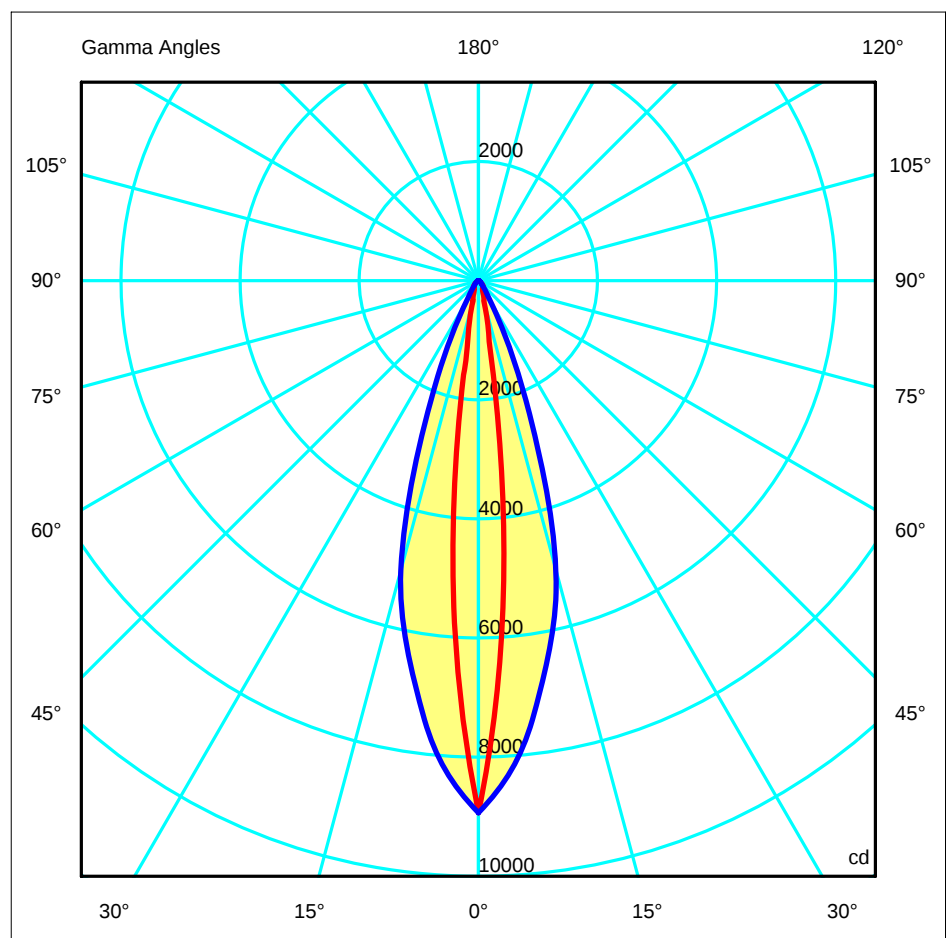
1000mm x 80mm



C Halfplanes

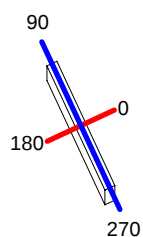
180.0 — 0.0
270.0 — 90.0

ULOR 0.00 %
DLOR 100.00 %
RN 0.00 %



Luminaire		Measurem.		Lamp	
Code	SAN-1C-E60 R	Code	SAN-1C-E60 R	Code	SAN-1C-E60 R
Name	Luminaria SANAT leds RGB red	Name	Luminaria SANAT leds RGB red	Number	1
Line	- LEDS C4 LEDS	Date	30-11-2015	Position	Universal
Luminaire Flux	806.25 lm	Luminaire Power	20.00 W	Efficacy	40.31 lm/W
Lamps Flux	806.26 lm	Maximum value	4754.07 cd	Position	C=0.00 G=0.00
Rectangular Luminaire		Length	1000 mm	Width	80 mm
Rectangular Luminous Area		Length	950 mm	Width	40 mm
Horizontal Luminous Area	0.038000 m2	Emitting area on Plane 180°	0.000000 m2	Height	105 mm
Emitting area on Plane 0°	0.000000 m2	Emitting area on Plane 270°	0.000000 m2	Height	0 mm
Emitting area on Plane 90°	0.000000 m2	Glare area at 76°	0.009193 m2		
Coordinate system	CG	Symmetry Type	Double Symmetrical		
Date	30-11-2015	Maximum Gamma Angle	90		
Measurement Distance	6.44	Measurement Flux	806.26 lm		
Operator	Asselum T2	Source voltage	230.00 V		
Temperature	20.00 °C	Source current			
Humidity	47.00 %	Photocell	Prc		
Notes					
Luminaire Lamps					
Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty
- LEDS C4 LEDS	SAN-1C-E60 R	Lámpara leds 19.8W RGB red	806.26	20.00	1
C.I.E.	91 98 100 100 100	D DIN 5040	A60		
F UTE	1.00 A	B NBN	BZ 1		

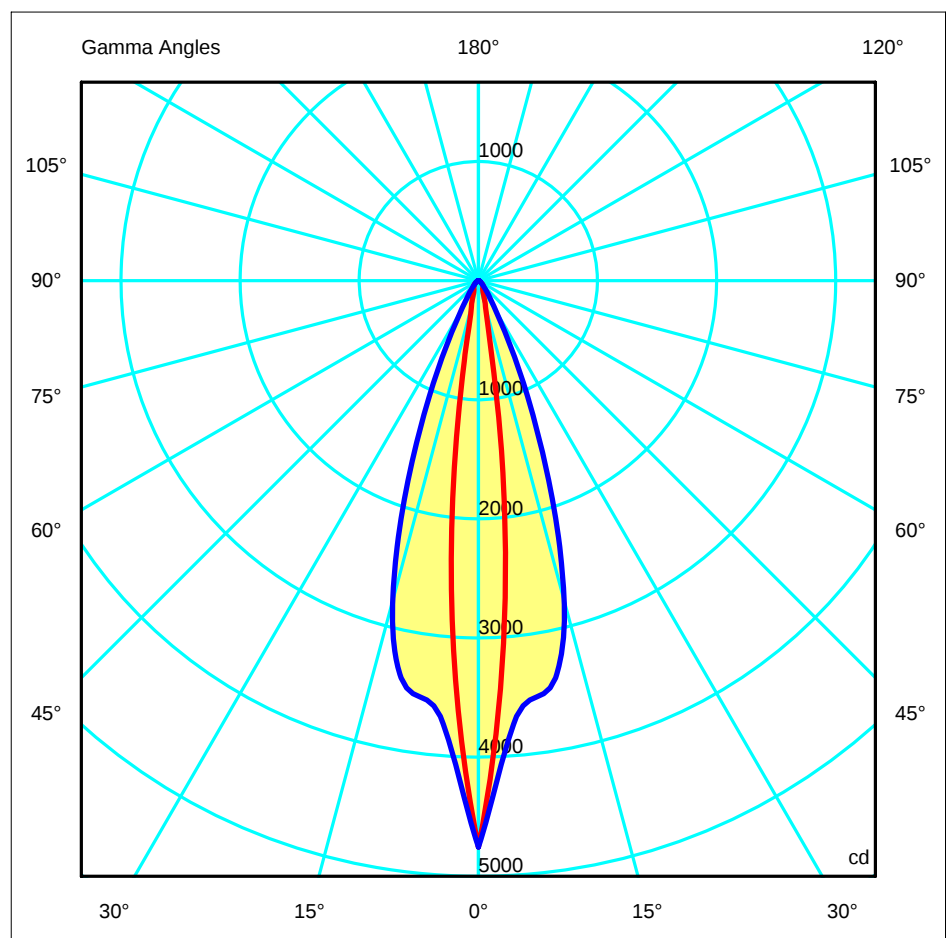
1000mm x 80mm



C Halfplanes

180.0 — 0.0
270.0 — 90.0

ULOR 0.00 %
DLOR 100.00 %
RN 0.00 %



Luminaire

Code SAN-1C-E60 W
Name Luminaria SANAT leds RGB white

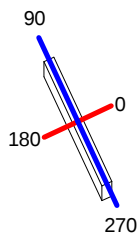
Measurem.

Code SAN-1C-E60 W
Name Luminaria SANAT RGB leds white

Luminaire Flux	1545.89 lm	Luminaire Power	24.00 W	Efficacy	64.41 lm/W	Efficiency	100.00%
Lamps Flux	1545.90 lm	Maximum value	10865.59 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical
Rectangular Luminaire		Length	1000 mm	Width	80 mm	Height	105 mm
Rectangular Luminous Area		Length	950 mm	Width	40 mm	Height	0 mm
Horizontal Luminous Area		0.038000 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°		0.009193 m2	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		21-04-2016		Maximum Gamma Angle		90	
Measurement Distance		6.44		Measurement Flux		1545.90 lm	
Operator		Asselum T2		Source voltage		230.00 V	
Temperature		24.00 °C		Source current			
Humidity		45.00 %		Photocell		Prc	
Notes							

Line		Code		Luminaire Lamps		Flux [lm]	Pow. [W]	Q.ty
- LEDS C4 LEDS		SAN-1C-E60 W		Name Lámpara leds 23.43W RGB white		1545.90	24.00	1
C.I.E.	91 98 100 100 100			D DIN 5040	A60			
F UTE	1.00 A			B NBN	BZ 1			

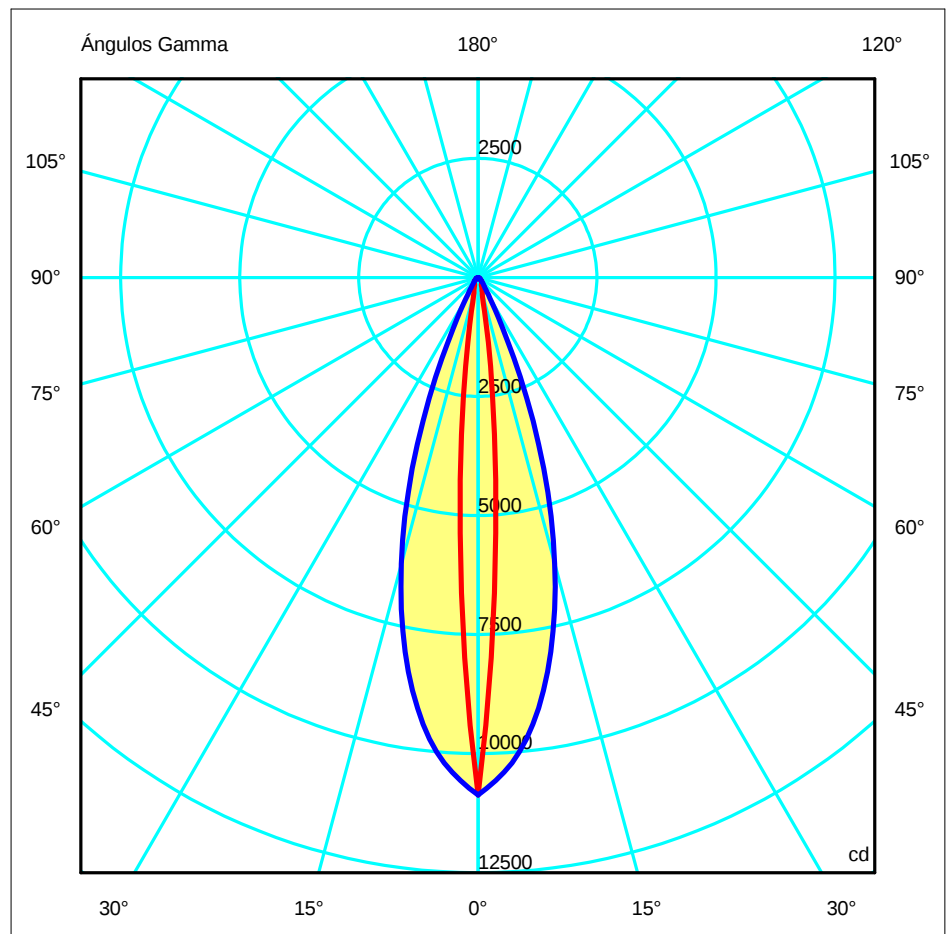
1000mm x 80mm



Semiplanos C

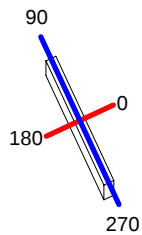
180.0 — 0.0
270.0 — 90.0

ULOR 0.00 %
DLOR 100.00 %
RN 0.00 %



Luminaire			Measur.			Lamp			
Code	SAN-1C-E60		Code	SAN-1C-E60		Code	SAN-1C-E60		
Name	Lum. SANAT leds RGB 70W E60		Name	Lum. SANAT leds RGB 70W E60		Number	1		
Line	- LEDS C4 LEDS		Date	03-09-2015		Position	Universal		
Luminaire Flux		3506.28 lm	Luminaire Power		70.00 W	Efficacy	50.09 lm/W		
Lamps Flux		3506.29 lm	Maximum value	23346.66 cd	Position	C=0.00 G=0.00	CG Double Symmetrical		
Rectangular Luminaire		Length	1000 mm		Width	80 mm	Height	105 mm	
Rectangular Luminous Area		Length	950 mm		Width	40 mm	Height	0 mm	
Horizontal Luminous Area		0.038000 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°		0.009193 m2			
Coordinate system		CG	Symmetry Type		Double Symmetrical				
Date		03-09-2015	Maximum Gamma Angle		90				
Measurement Distance		6.44	Measurement Flux		3506.29 lm				
Operator		Asselum T2		Source voltage		230.00 V			
Temperature		25.00 °C		Source current					
Humidity		59.00 %		Photocell		Prc			
Notes									
Luminaire Lamps									
Line		Code		Name		Flux [lm]		Pow. [W]	Q.ty
- LEDS C4 LEDS		SAN-1C-E60		Lámpara led 70W E60 neutro		3506.29		70.00	1
C.I.E.		91 98 100 100 100		D DIN 5040		A60			
F UTE		1.00 A		B NBN		BZ 1			

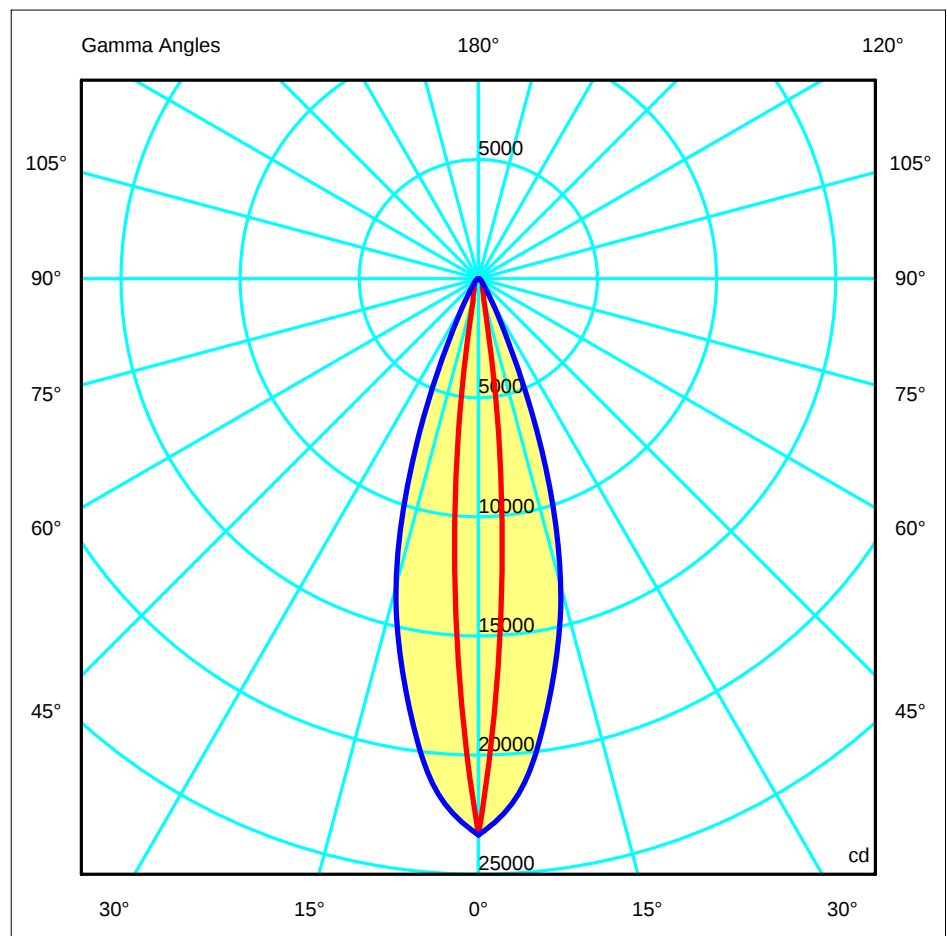
1000mm x 80mm

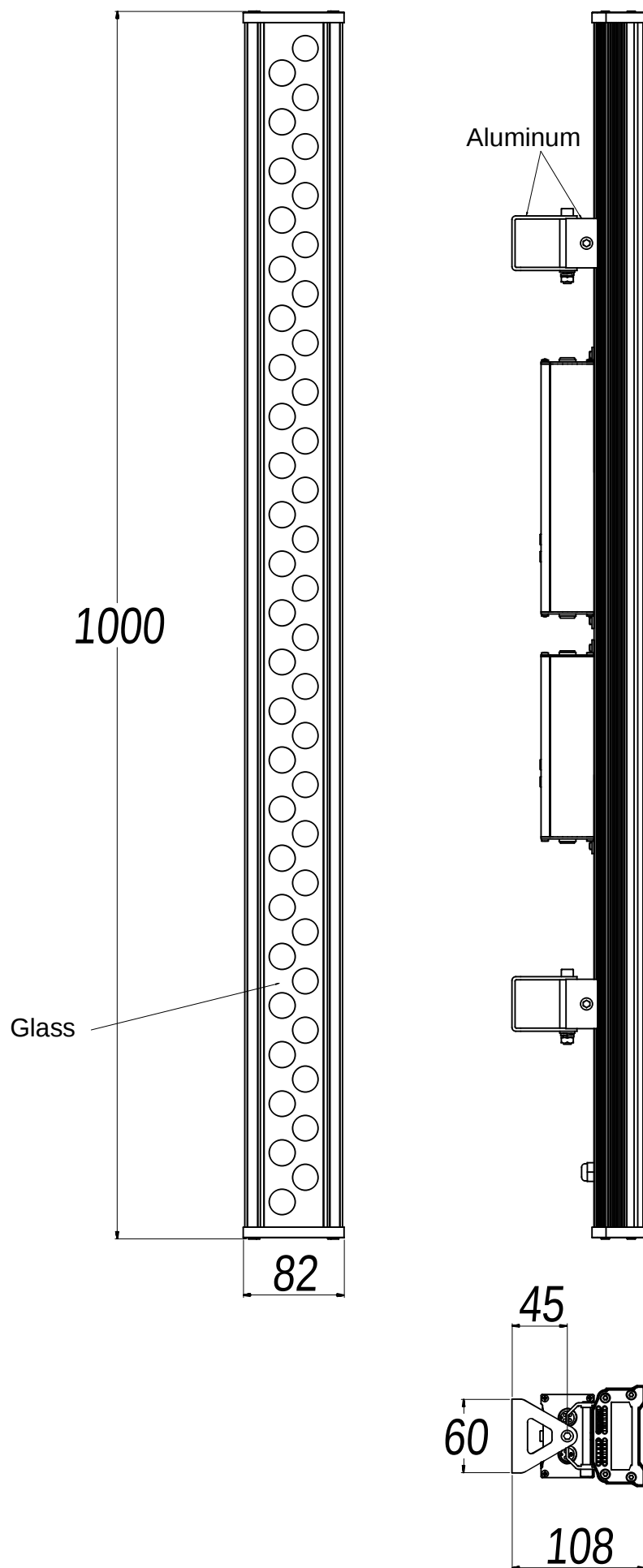


C Halfplanes

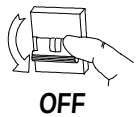
180.0 — 0.0
270.0 — 90.0

ULOR 0.00 %
DLOR 100.00 %
RN 0.00 %

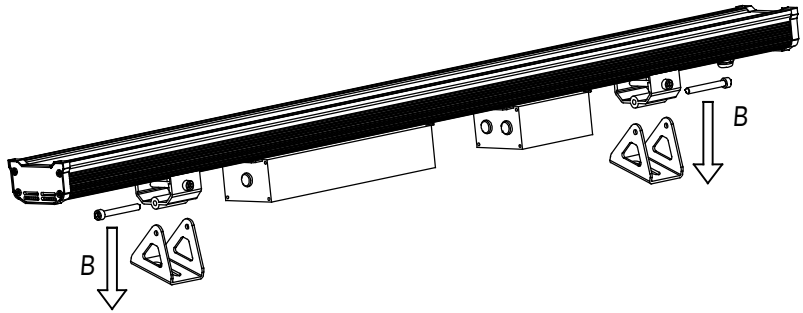
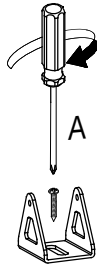




1

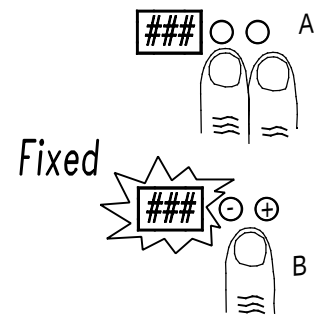
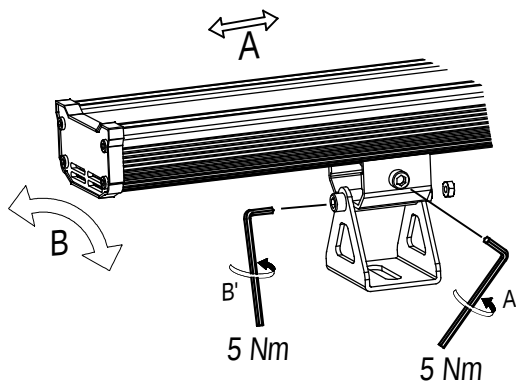


OFF



The luminaire should be positioned so that prolonged staring into the luminaire at a distance closer than 3,8 m is not expected

2



Fixed

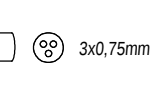
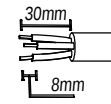
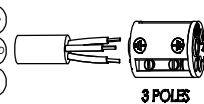
Checking Channel (Full power)

512

IP connector required
(not included)

EN60998-2-1 or EN60998-2-2

Green (+) ↔ (+)
Yellow/Green (GND) ↔ (GND)
Red (-) ↔ (-)



IP65

IP connector required
(not included)

IP connector required
(not included)

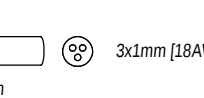
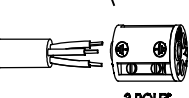
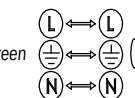
SIGNAL IN

SIGNAL OUT

POWER IN

EN60998-2-1 or EN60998-2-2

Brown (L) ↔ (L)
Yellow/green (GND) ↔ (GND)
Blue (N) ↔ (N)



IP65

100-240 VAC 1.2A 50/60Hz



The isolation voltage
in the power led is 500V

WALL WASHER 1

WALL WASHER 2

WALL WASHER #

DMX CONSOLE

AC 100-277V