

**A0710500 GARDA-10WW & Base**  
1x 10W Warm-White 30° COB LED

**Technical specifications:**









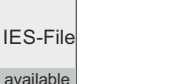
Light source: warm-white (3000K) COB LED  
 Reflector: 30° Symmetric, efficiency < 90%  
 Typical luminance: 638Lm  
 Typical consumption: 12W (53.17Lm/W)  
 Housing & Frontring: Die casting grey powdercoated aluminium  
 T=75µm Adhesion of ISO class 1/ASTM class 4B  
 4mm step tempered white coating glass.  
 Glass: Molding shaped silicone double seal  
 Gasket: IP-68 PG-9 copper & nickel coated  
 Cable gland: 2 mtr HO5RN-F 3x 1.0mm<sup>2</sup> (high voltage)  
 Input Voltage: 120-240VAC  
 Weight: 1.5 Kg  
 Dimensions: 180 x 102 x 226 mm  
 Classification: IP-65

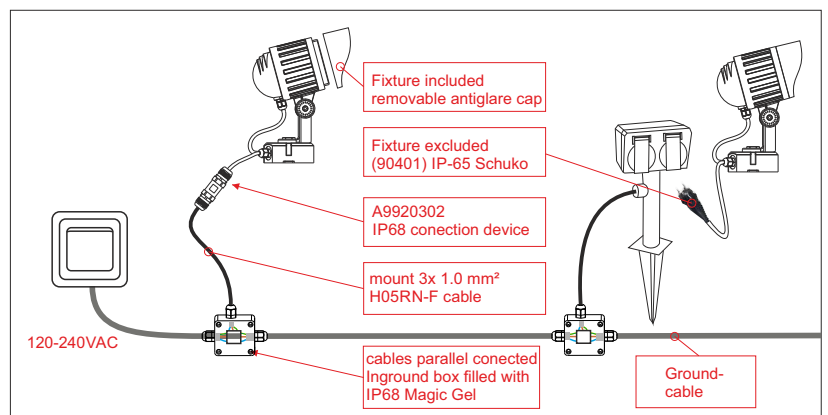
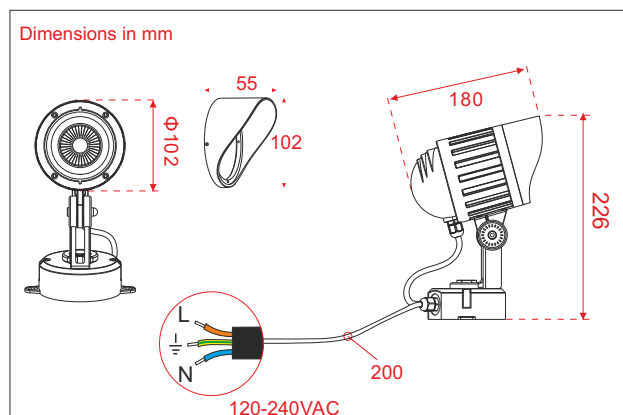
Spike: PVC

Attention: This high power LED fixture can not be installed under water

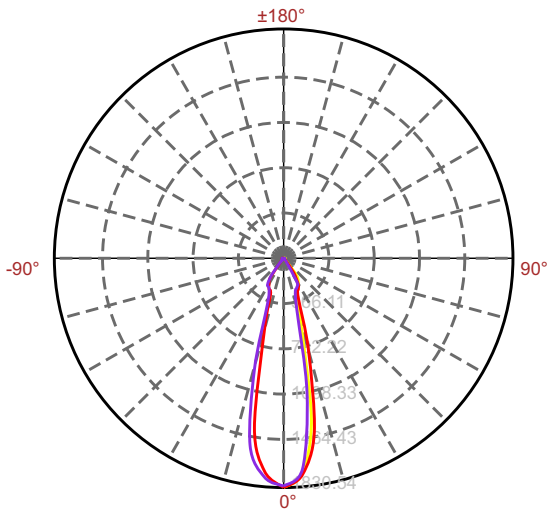


Height	Vert. Spread 30°	Horiz. Spread 30°	Beam Width		Center beam LUX
			V	H	
1m			0.45m	0.5m	1829 Lx
2m			0.9m	1.0m	457 Lx
4m			1.9m	1.9m	114 Lx
6m			2.8m	2.9m	51 Lx
8m			3.8m	3.8m	29 Lx

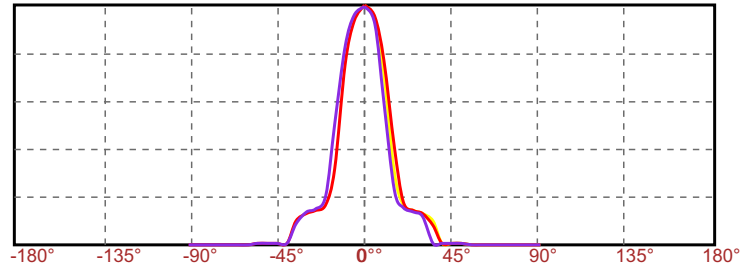
 50/60Hz	 Class I	 638Lm	 WW 3000K	 30° Symm. LED-Lens
 1.5	 Outdoor	 IP IP65	 IES-File available	



## Light Distribution Curve [Unit: cd]



1830.54  
1464.43  
1098.33  
732.22  
366.11  
0.00



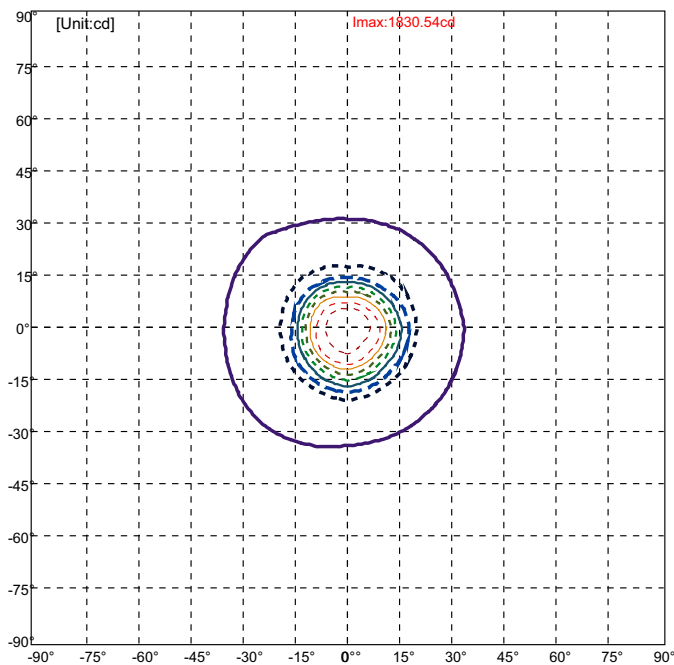
C135(Max):   
C0/C180:   
C90/C270:

## Lux distance Curve

Illuminance at a Distance			
	Center Beam LUX	Beam Width	
		V	H
2m	457.36 LUX	0.9m	1.0m
4m	114.34 LUX	1.9m	1.9m
6m	50.82 LUX	2.8m	2.9m
8m	28.58 LUX	3.8m	3.8m
10m	18.29 LUX	4.7m	4.8m
12m	12.70 LUX	5.6m	5.7m

Vert. Spread: 26.4      Horiz. Spread: 26.8

## ISO-Intensity(V-H)



(10%Imax) 181.672   
 (20%Imax) 363.344   
 (30%Imax) 545.017   
 (40%Imax) 726.689   
 (50%Imax) 908.361   
 (60%Imax) 1090.03   
 (70%Imax) 1271.71   
 (80%Imax) 1453.38   
 (90%Imax) 1635.05

# Photometric Report

## A0710500 Garda-10WW & Base



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LumCAT:	Luminaire: A0710500 Garda-10WW & Base
Report No:	Voltage(V): 240.300
Test No:	Current(A): 0.046
LampCAT: :	Power (W): 10.000
Lamp flux(lm): -1.0	PF: 0.890
Number of Lamps: 0	Ballast type:
Length(mm): 0	Width(mm): 0
Phm Type: C	Height(mm): 0

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### Photometric Results

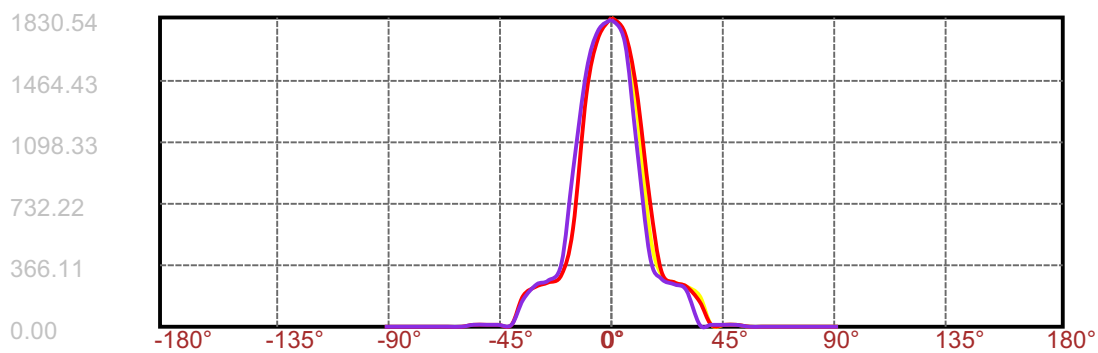
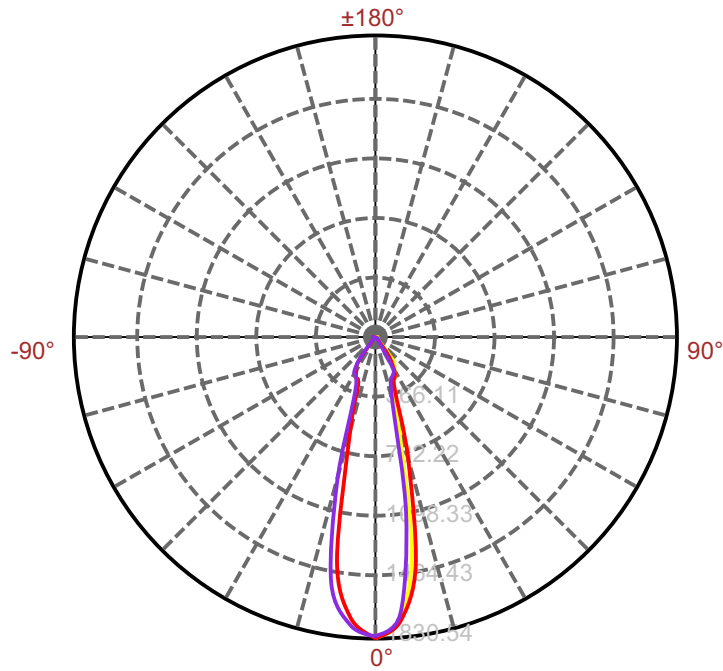
Lumens(lm): 572.39  
Efficiency(%): 0.00%  
Lumens(lm)/Power(W): 57.24  
Central intensity(cd): 1829.423  
Maximum intensity(cd): 1830.541  
Angle of maximum intensity: C=135.0  $\gamma$ =0.0  
Beam Angle(50%Imax): [H]Left=15.1 Right=11.3  
[V]Left=12.9 Right=13.8  
Field angle(10%Imax): [H]Left=33.6 Right=30.8  
[V]Left=35.1 Right=33.1  
IES Classification : TypeI  
Longitudinal Classification : VeryShort  
Cut Off Classification : FullCutoff  
Max Cd(At 90°Vert) : 0.1016064  
Max Cd(80 to 90°Vert) : 1.930521  
Street Side UpWard Lumens: - -of Lamp 0.00%of Luminaire  
Street Side DownWard Lumens: - -of lamp 46.06%of Luminaire  
House Side UpWard Lumens: - -of lamp 0.00%of Luminaire  
House Side DownWard Lumens: - -of lamp 53.94%of Luminaire

# Photometric Report

## A0710500 Garda-10WW & Base

Light Distribution Curve [Unit: cd]

Page: 2 Total:5



C135(Max): —  
 C0/C180: —  
 C90/C270: —

Equipment: GSM-1800  
 Temperature(°C): 25.0

Date: 2013-3-27  
 Humidity(%): 65.0%

Operator: Jorna  
 Distance(m): 08

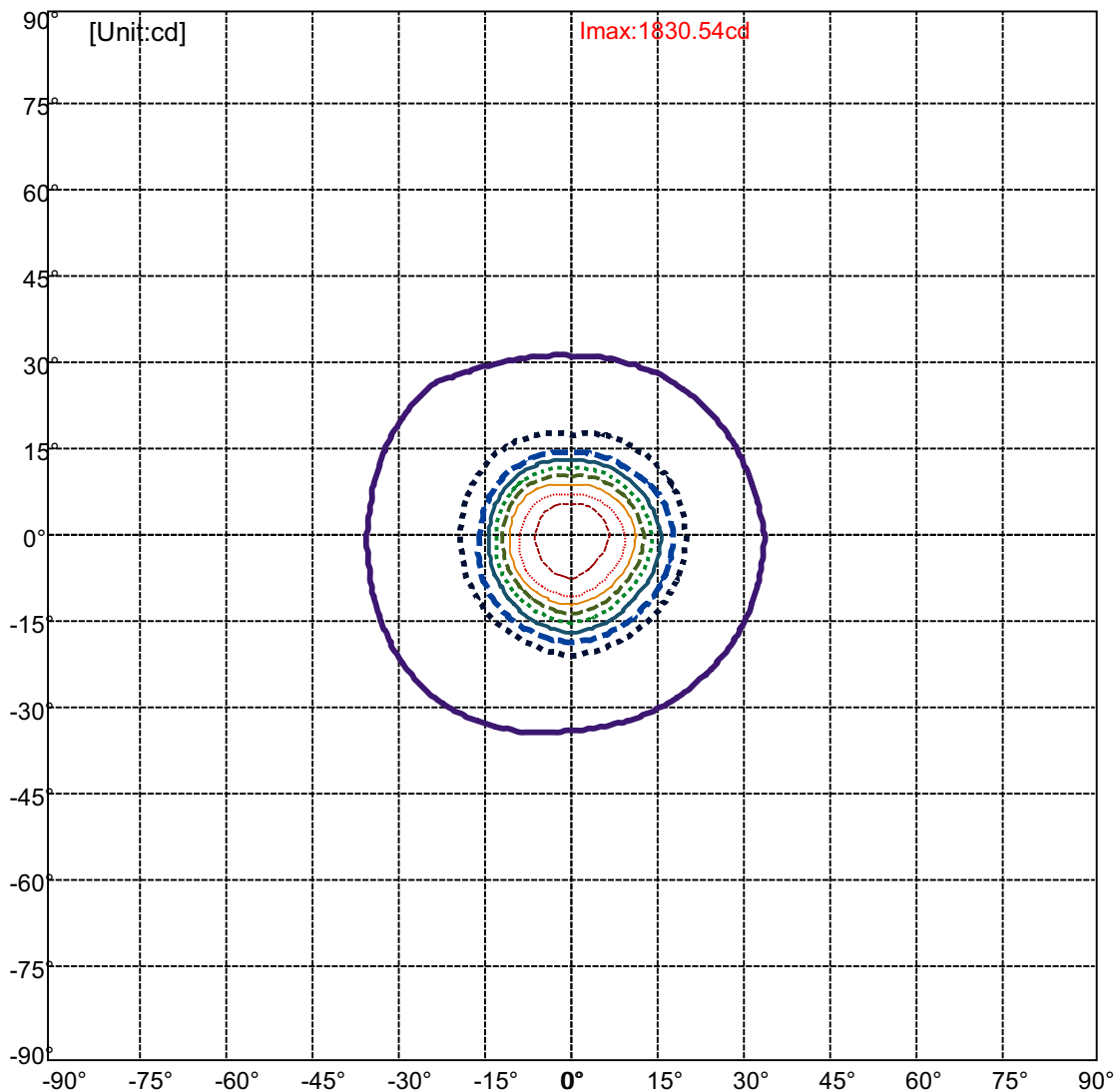


# Photometric Report

## A0710500 Garda-10WW & Base

ISO-Intensity(V-H)

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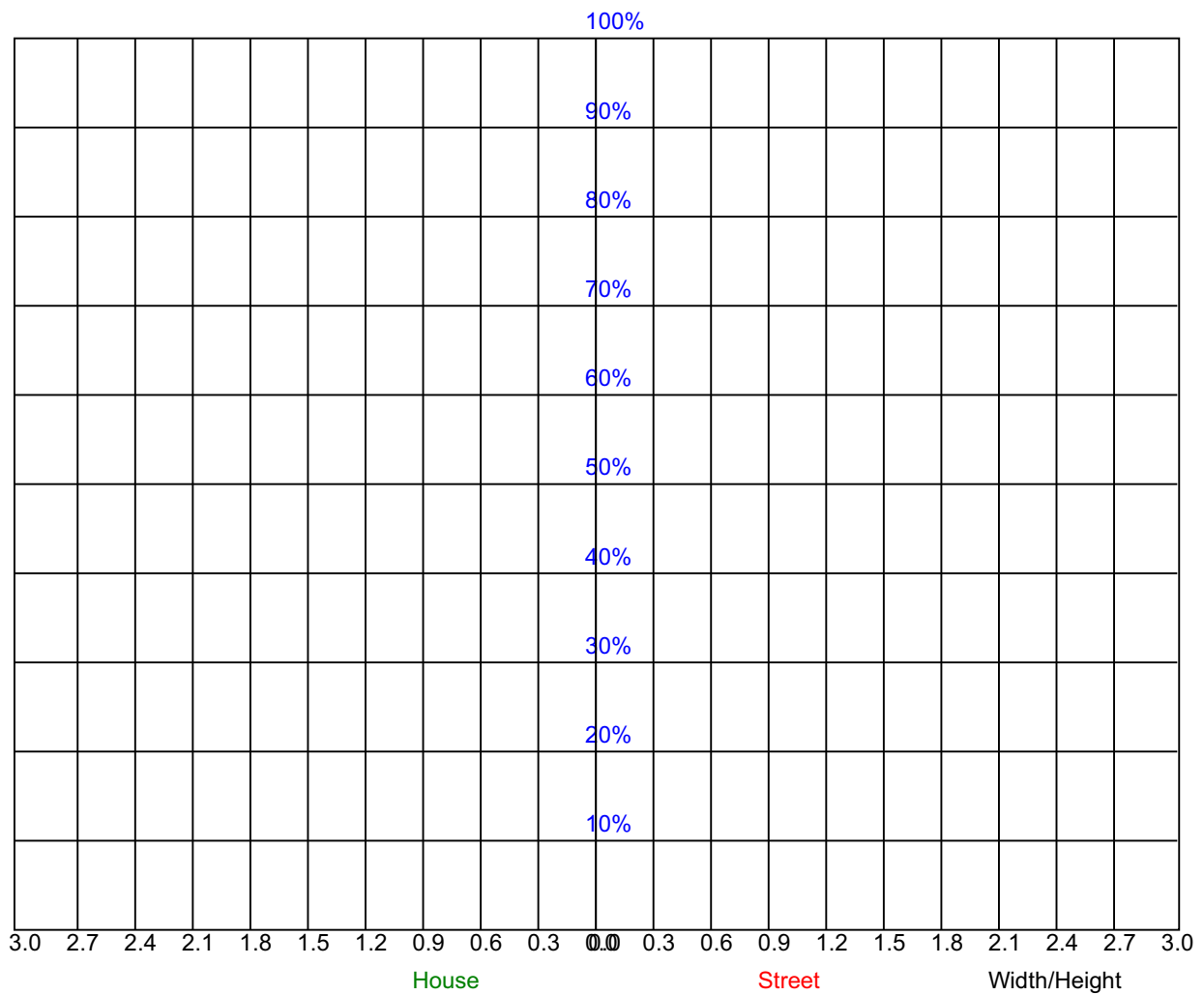
(10%Imax)	181.672	———
(20%Imax)	363.344	.....
(30%Imax)	545.017	- - - -
(40%Imax)	726.689	————
(50%Imax)	908.361	.....
(60%Imax)	1090.03	- - - -
(70%Imax)	1271.71	————
(80%Imax)	1453.38	.....
(90%Imax)	1635.05	- - - -

# Photometric Report

## A0710500 Garda-10WW & Base

Coefficient Utilization Curve

Page: 5 Total:5



Equipment: GSM-1800  
Temperature(°C): 25.0

Date: 2013-3-27  
Humidity(%): 65.0%

Operator: Jorna  
Distance(m): 10.08

Light efficiency:

**50 Lumen/Watt**

Light quality:

**CRI: 81,7**

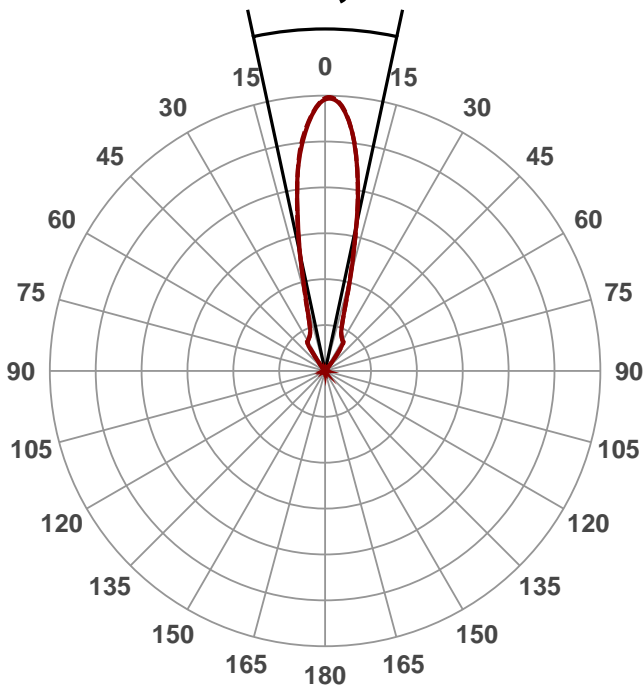
Color temperature:

**3173 K**

**Output: 557 lm**  
**Peak: 1907 cd**  
**Power: 11,0 W**  
**PF: 0,91**



Beam angle **24,2°** (2 C-PLANES)



Product name:  
**A0710500**

Date and time:  
**10-10-2014 16:24:52**

Color



CIE1931  
x: 0,425  
y: 0,399

Spectra

