



# PRODUCT DATASHEET

## Rita series

last update 5/11/2014

### DETAILS

<b>Product Number</b>	CX14342_RITA-A-RZ
<b>Family</b>	Rita
<b>Type</b>	RefPack
<b>Color</b>	white
<b>Diameter</b>	35,07x28,9 mm
<b>Height</b>	19.25 mm
<b>Style</b>	rectang
<b>Optic Material</b>	HRPC
<b>Holder Material</b>	
<b>Fastening</b>	pin, tape
<b>Status</b>	ready
<b>ROHS Compliant</b>	Yes
<b>Date Updated</b>	5/11/2014



### OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
Ostar-SMT RGB	Asym deg	Asymmetric	sim: 80 %	0.590	-
LUXEON Z RGB	Asym deg	Asymmetric	sim: 82 %	0.600	-

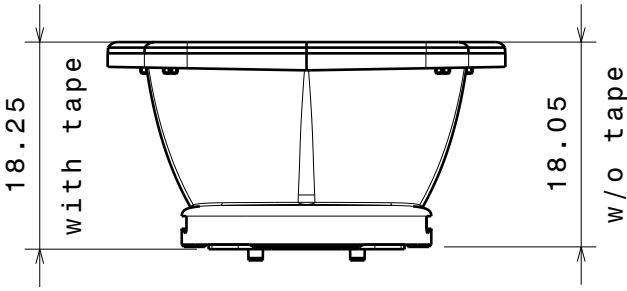
D

C

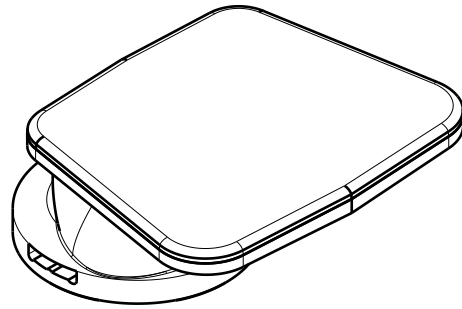
B

A

4

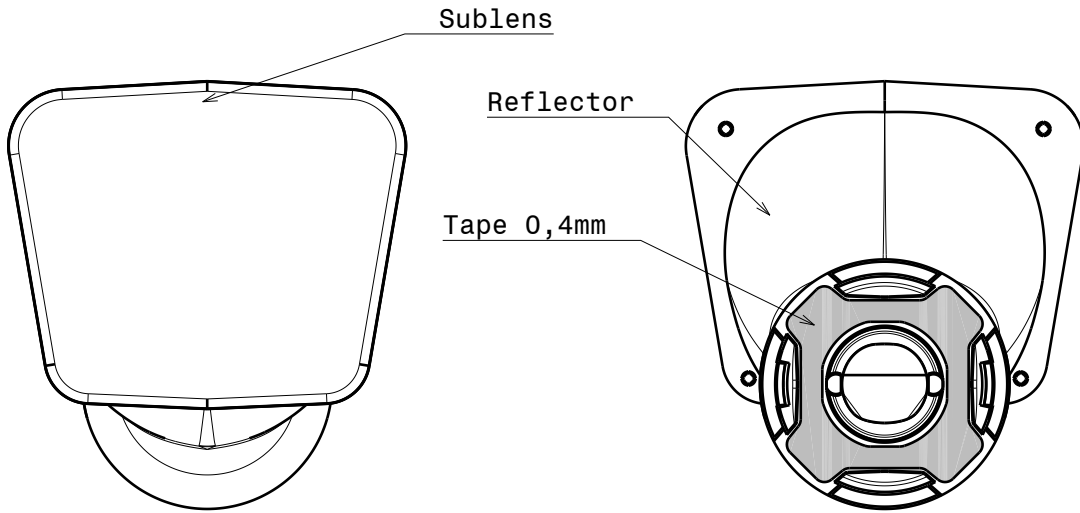


Bottom view  
Scale: 3:2



Isometric view  
Scale: 3:2

3



Front view  
Scale: 3:2

Rear view  
Scale: 3:2

2

2

Tolerances if not otherwise shown  
According to DIN ISO 2768-1  
Linear measures:  
Up to 30mm class M, otherwise class C.  
According to DIN ISO 2768-2  
Form and position: class L

**LEDiL** LediL Oy  
Salorankatu 10  
FIN 24240 SALO  
Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE  
**RITA-A-RZ Assembly Drawing**

This drawing is the property  
of LEDiL Oy. It may not be  
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SIZE	PART NUMBER
A4	-

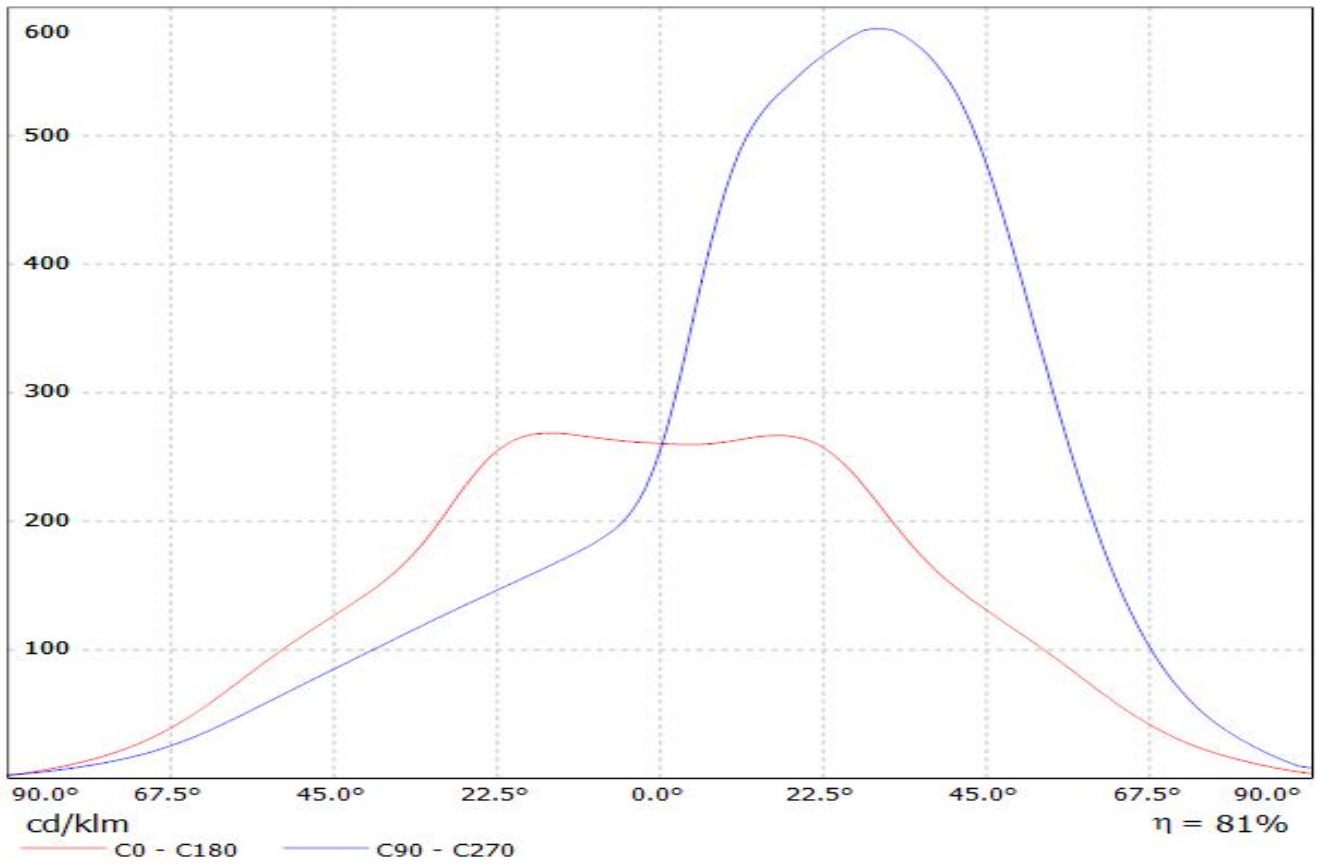
SCALE	3:2	WEIGHT	-	SHEET	1/1
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D

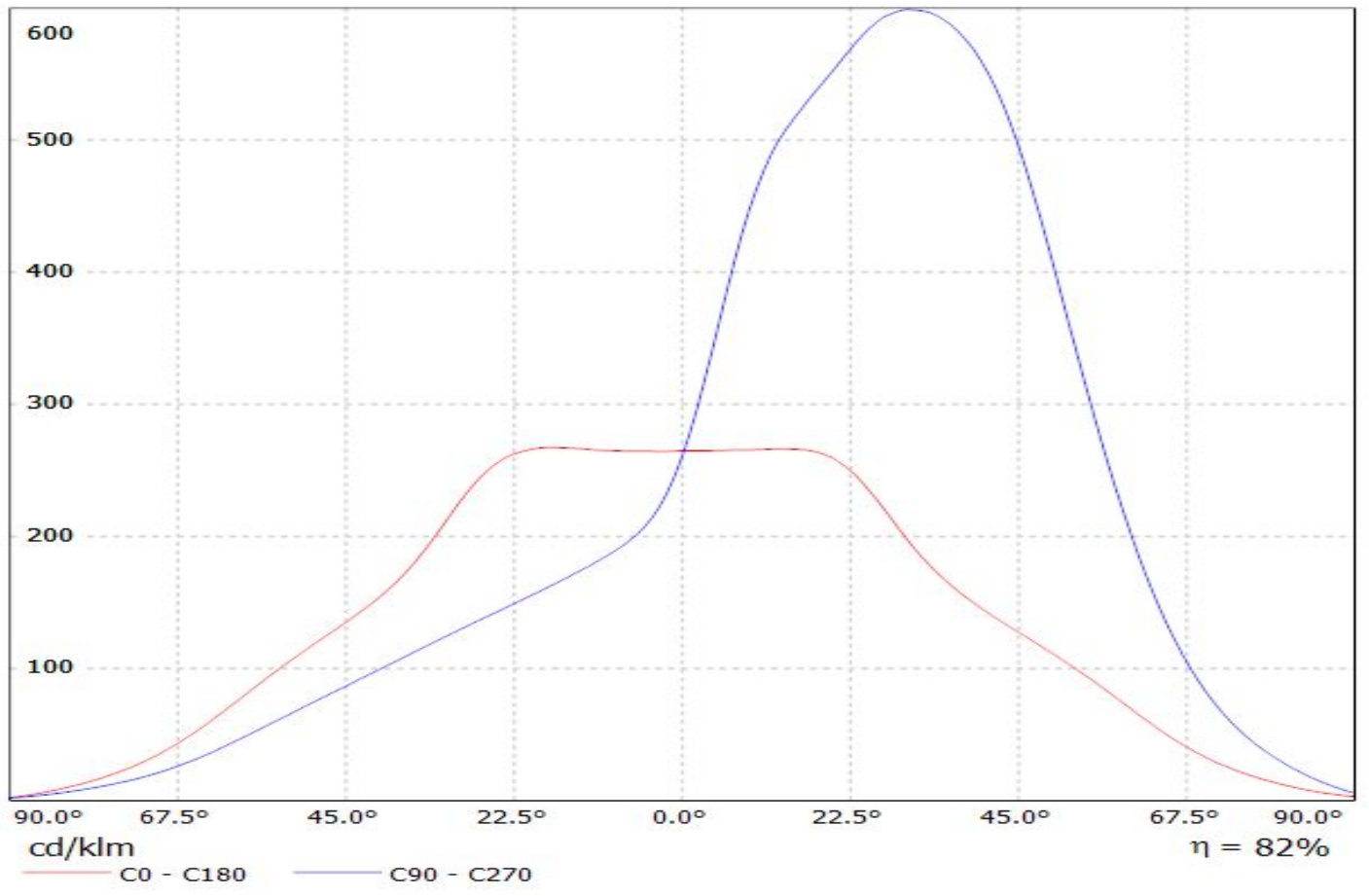
A

1

Luminaire: LEDiL Oy RITA-A-RZ\_(OSTAR\_SMT\_RGB)  
Lamps: 1 x OSTAR\_SMT\_RGB\_165lm@250mA\_P=2.98186\_I=249.8mA

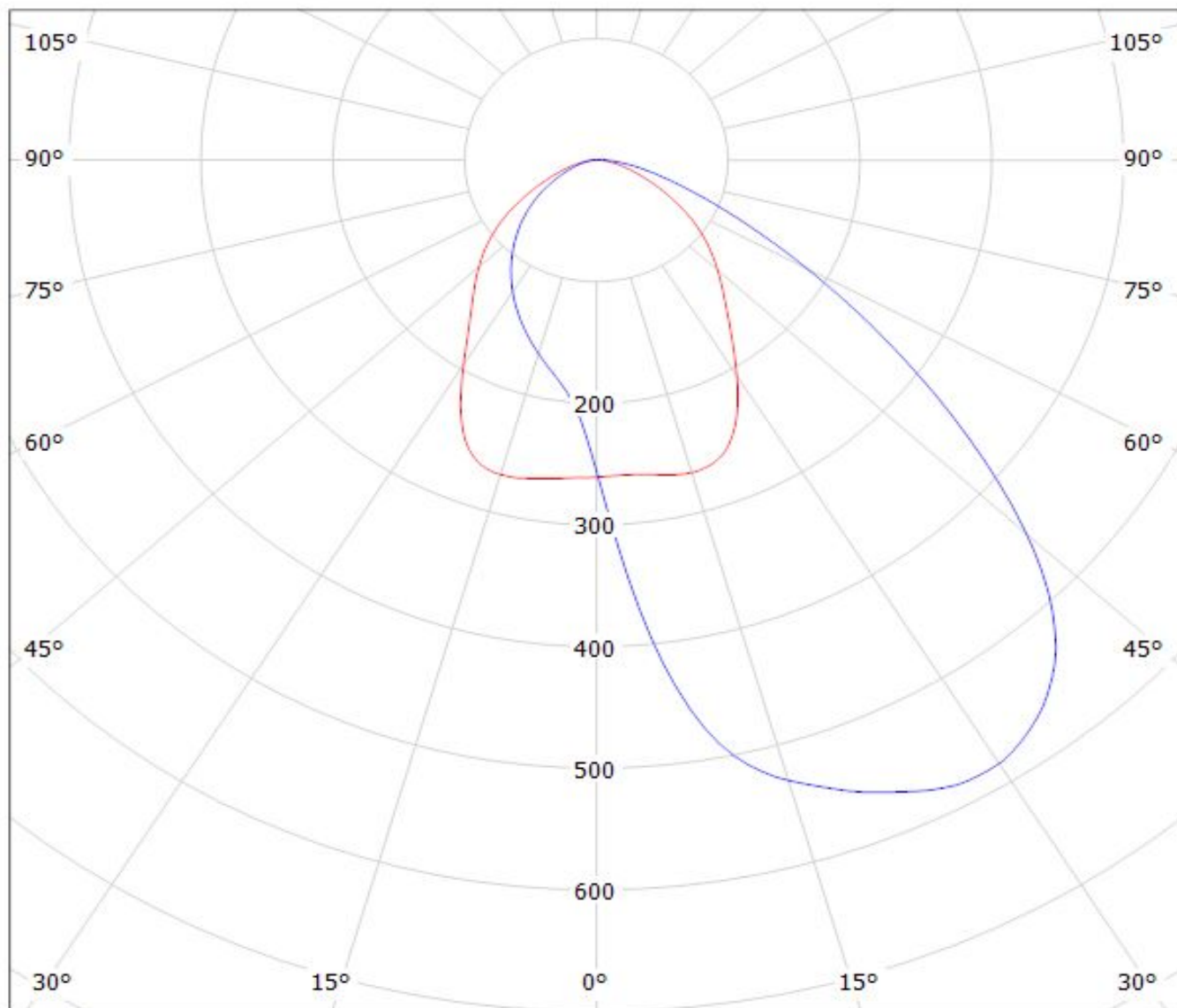


Luminaire: LEDiL Oy CX14342\_RITA-A-RZ\_(Luxeon\_Z\_RGB)  
Lamps: 1 x Luxeon\_Z\_RGB\_162.712lm@250mA\_P=2.67243W\_I=249.9mA



Luminaire: LEDiL Oy RITA-A-RZ\_(OSTAR\_SMT\_RGB)

Lamps: 1 x OSTAR\_SMT\_RGB\_165lm@250mA\_P=2.98186\_I=249.8mA



cd/klm

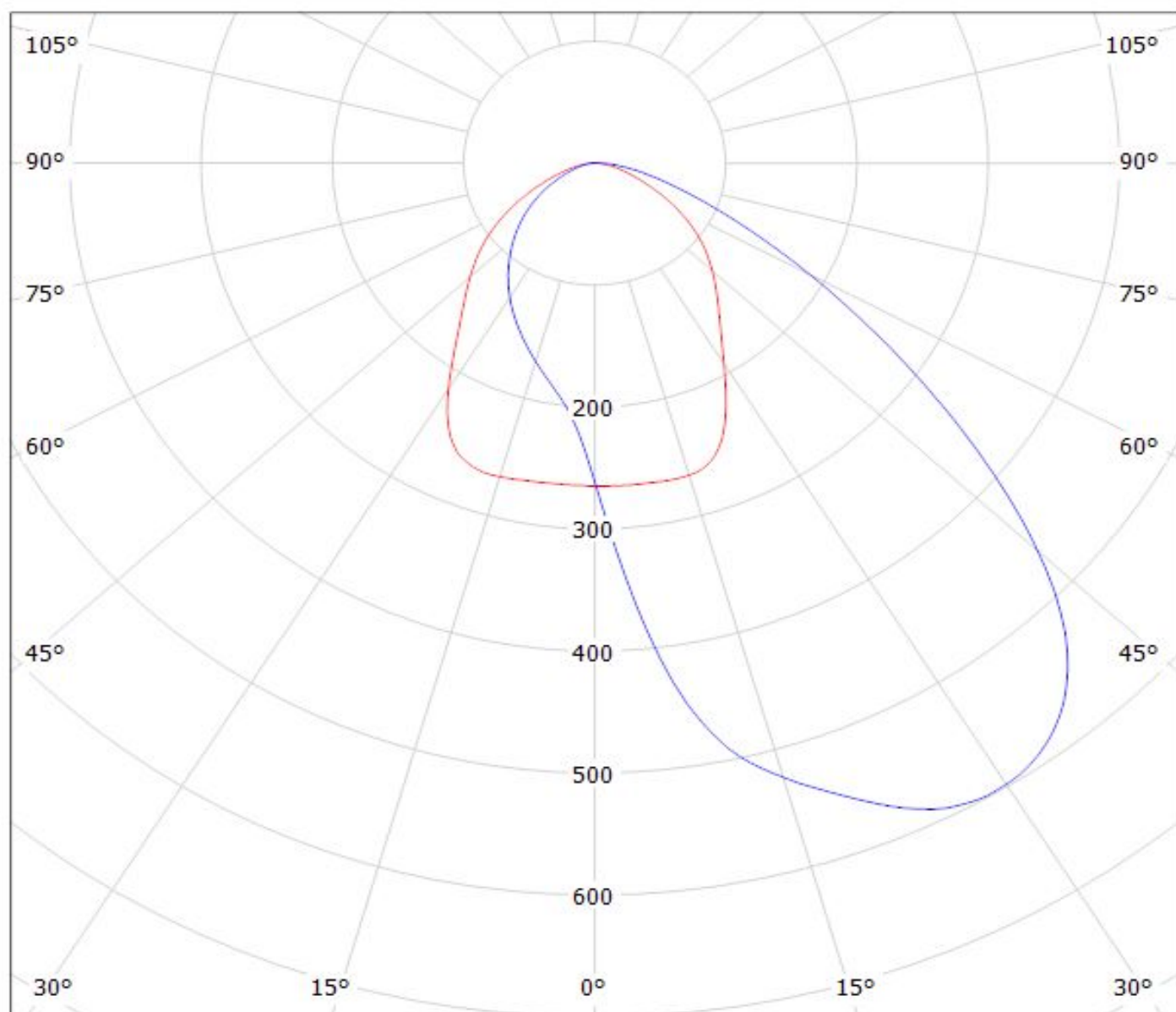
— C0 - C180

— C90 - C270

$\eta = 81\%$

Luminaire: LEDiL Oy CX14342\_RITA-A-RZ\_(Luxeon\_Z\_RGB)

Lamps: 1 x Luxeon\_Z\_RGB\_162.712lm@250mA\_P=2.67243W\_I=249.9mA



cd/klm

— C0 - C180

— C90 - C270

$\eta = 82\%$

**NOTE: The typical divergence will be changed by different color, chip size and chip position tolerance. The typical total divergence is the full angle measured where the luminous intensity is half of the peak value.**

#### **GENERAL INFORMATION**

- Product series especially designed & optimized for series of LEDs.
- Special care taken to make light distribution as uniform as possible.
- Reflector is made of aluminium coated PC (120 degrees of Celcius / 248 degrees of Fahrenheit) with protective lacquer (short term 100 degrees of Celcius / 212 degrees of Fahrenheit).