PRODUCT DATASHEET
Lisa series
last update 14/8/2015

DETAILS

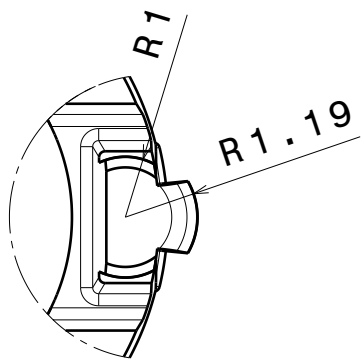
Product Number	FP11856_LISA2-O-90-CLIP
Family	Lisa
Type	Assembly
Color	black
Diameter	9,9 mm
Height	6,8 mm
Style	round
Optic Material	PMMA
Holder Material	
Fastening	glue, clips
Status	production ready
ROHS Comliant	Yes
Date Updated	14/08/2015

OPTICAL PROPERTIES

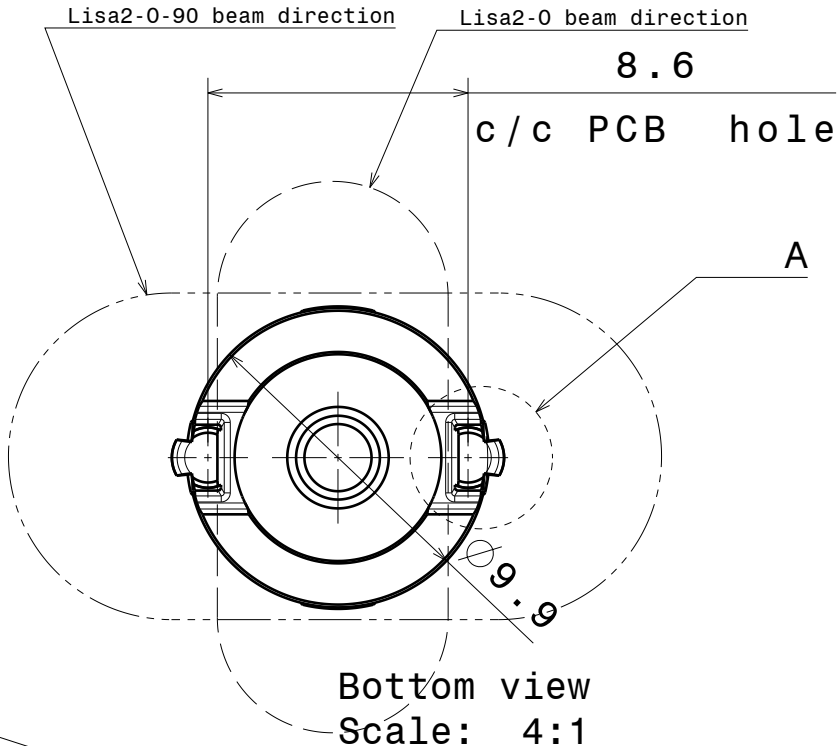
LED	Viewing Angle	Light Beam	Effi-ciency	cd/lm	Connector
XP-E	48+18 deg	O-90	83 %	-	-
XP-G	48+18 deg	O-90	86 %	-	-
XQ-E	sim: 40+13	O-90	sim: 86 %	sim: 3.500	-
XQ-E HI	sim: 46+11	O-90	sim: 83 %	sim: 3.800	-
LUXEON Z ES	18+49 deg	O-90	80 %	2.200	-
LUXEON C	17+47 deg	O-90	80 %	2.500	-
Double Dome (GM2BB)	sim: 48+20	O-90	-	-	-

Ledil Oy
Salorankatu 10
24240 SALO, Finland

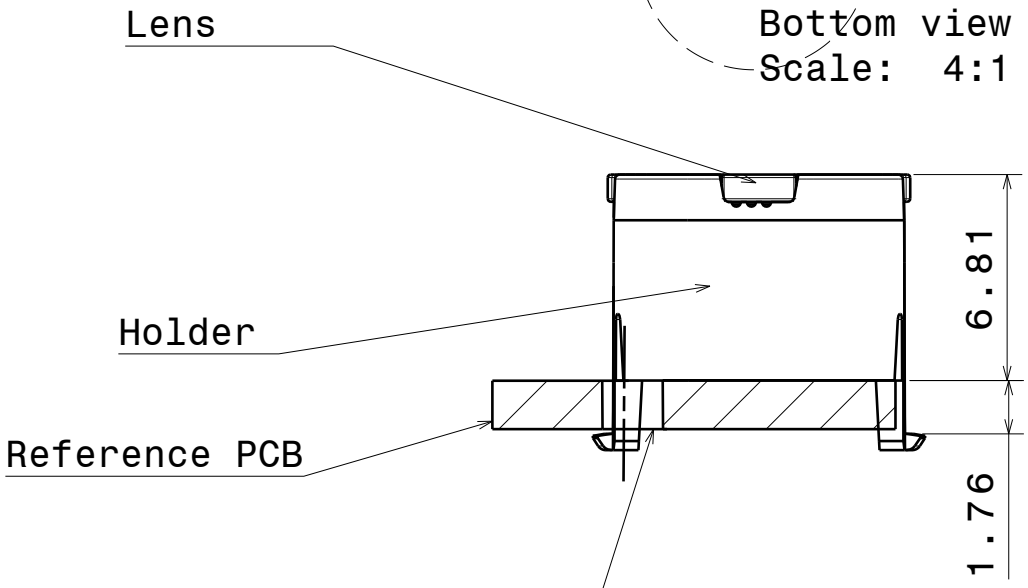
http://www.ledil.com
email: ledil@ledil.com
FAX: +358-2-733 8001



Detail A
Scale: 8:1



Bottom view
Scale: 4:1



Front view
Scale: 4:1

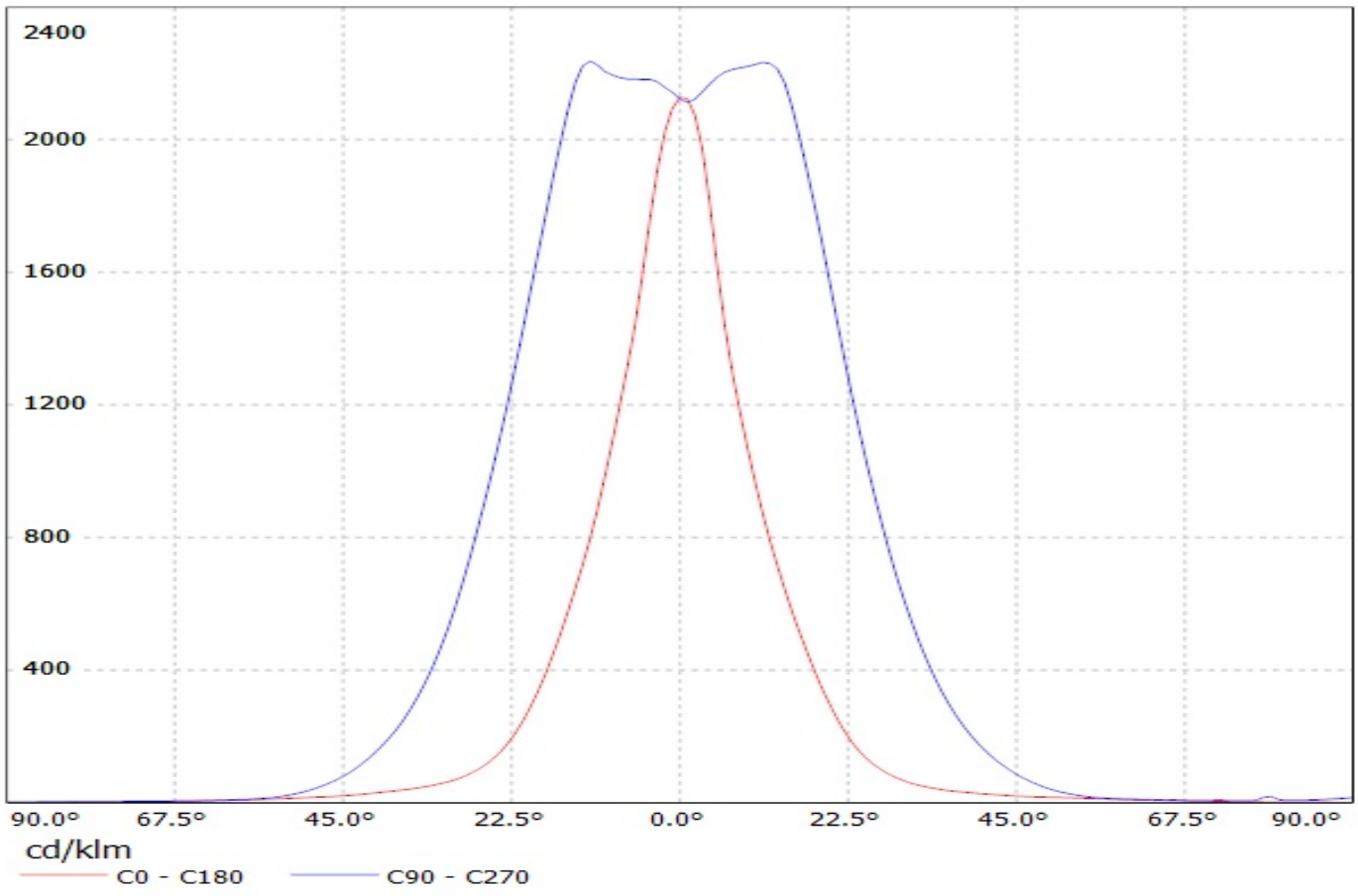
Materials:
Lens PMMA
Holder PC

Note:
Take tolerances into account when specifying positioning holes for PCB

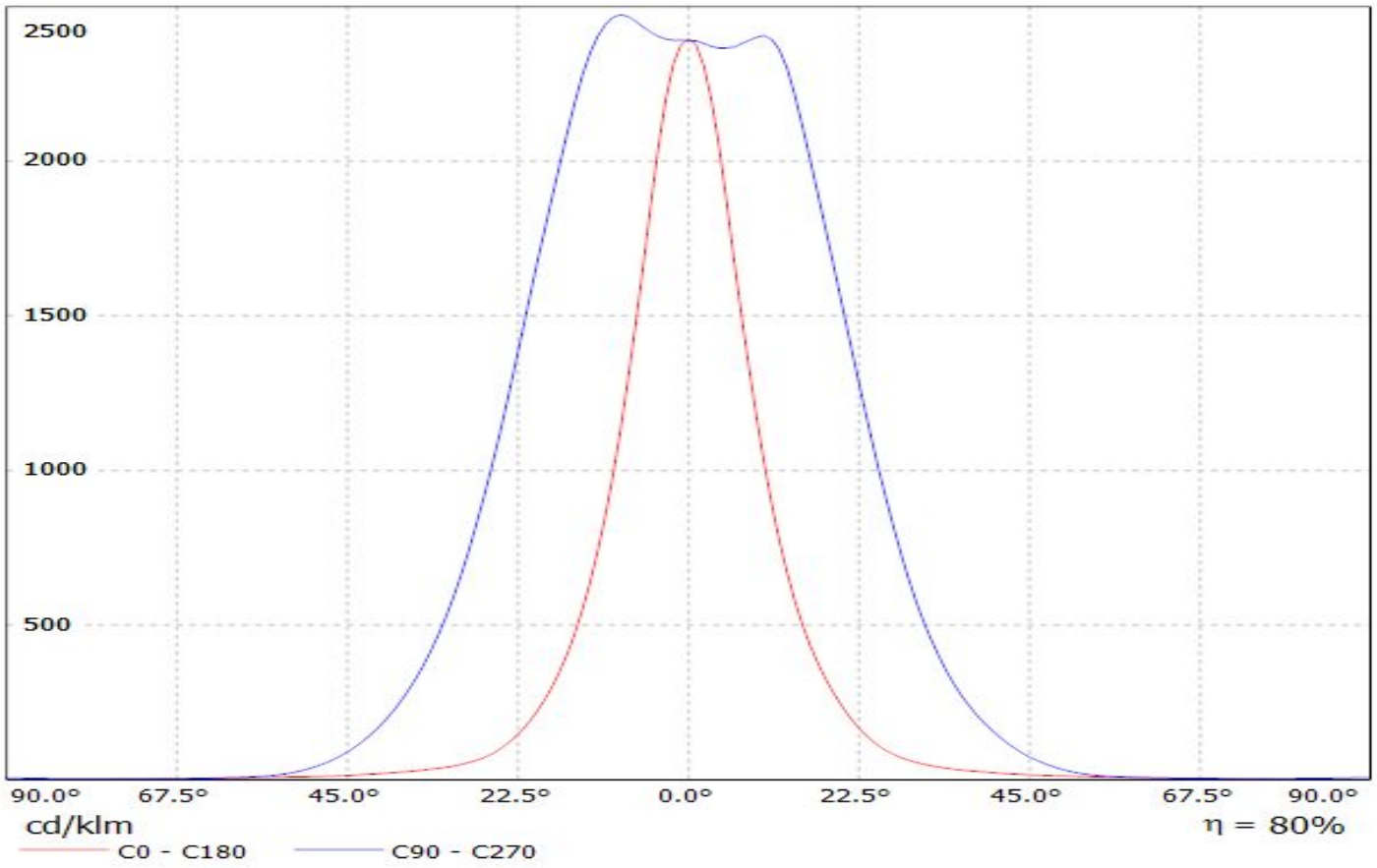
Ledil Oy
Tehdaskatu 13
FIN-24100 SALO
Finland

DRAWN BY: ah	DATE: 20.7.2011	DRAWING TITLE: Datasheet Lisa2-clip16-XP series Assy		
CHECKED BY: sn	DATE: 20.7.2011	SIZE: A4	DRAWING NUMBER	REV: 2
DESIGNED BY: hh	DATE: 19.10.2009	SCALE: 4:1	WEIGHT(g)	SHEET: 1/1

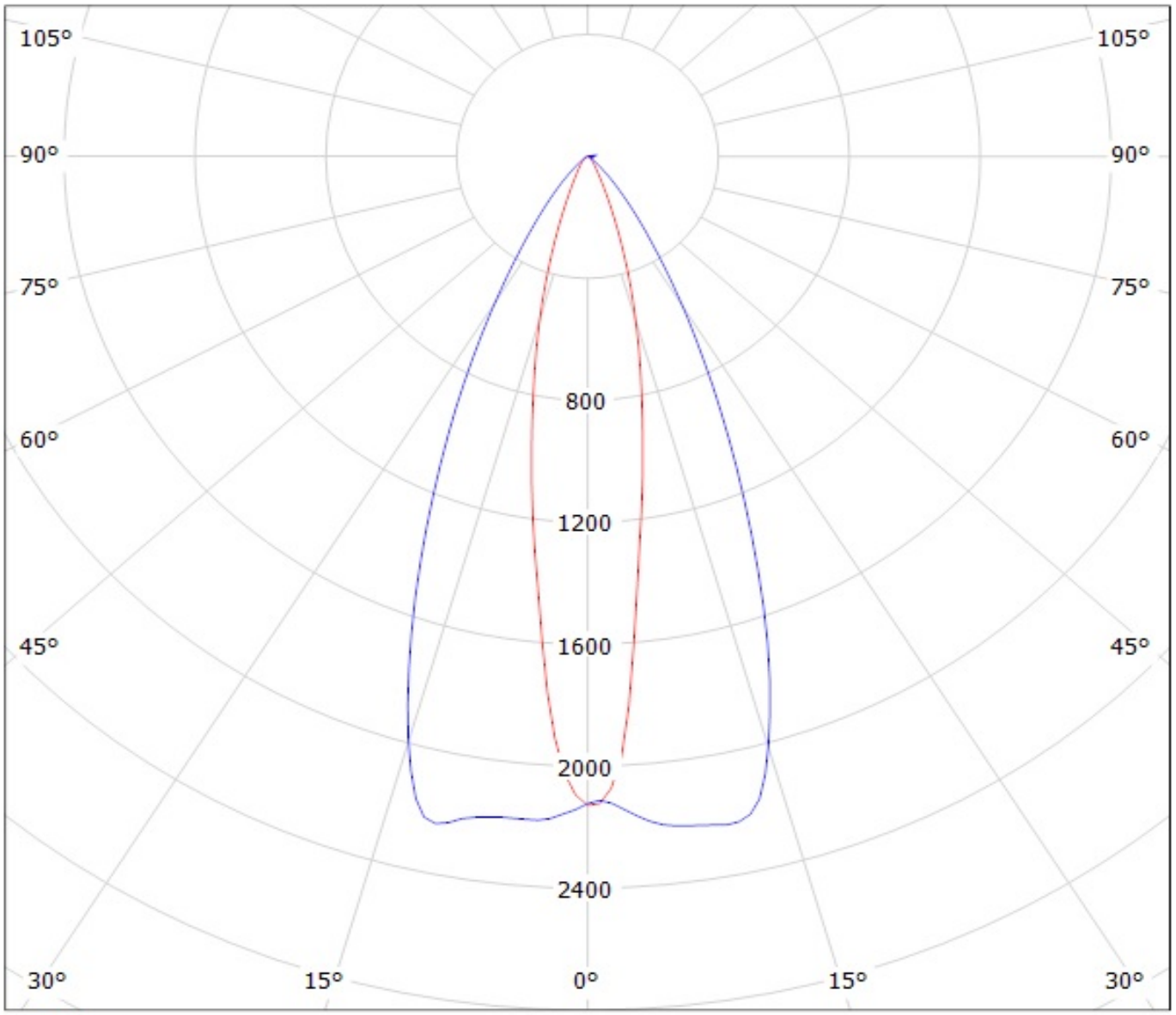
Luminaire: LEDiL Oy FP11856_LISA2-O-90-CLIP_(Luxeon_Z_ES) Eff: 80%
Lamps: 1 x Luxeon_Z_ES_(LXZ2-3090)_50.3792lm@250mA_P=0.735356W_I=249.9mA



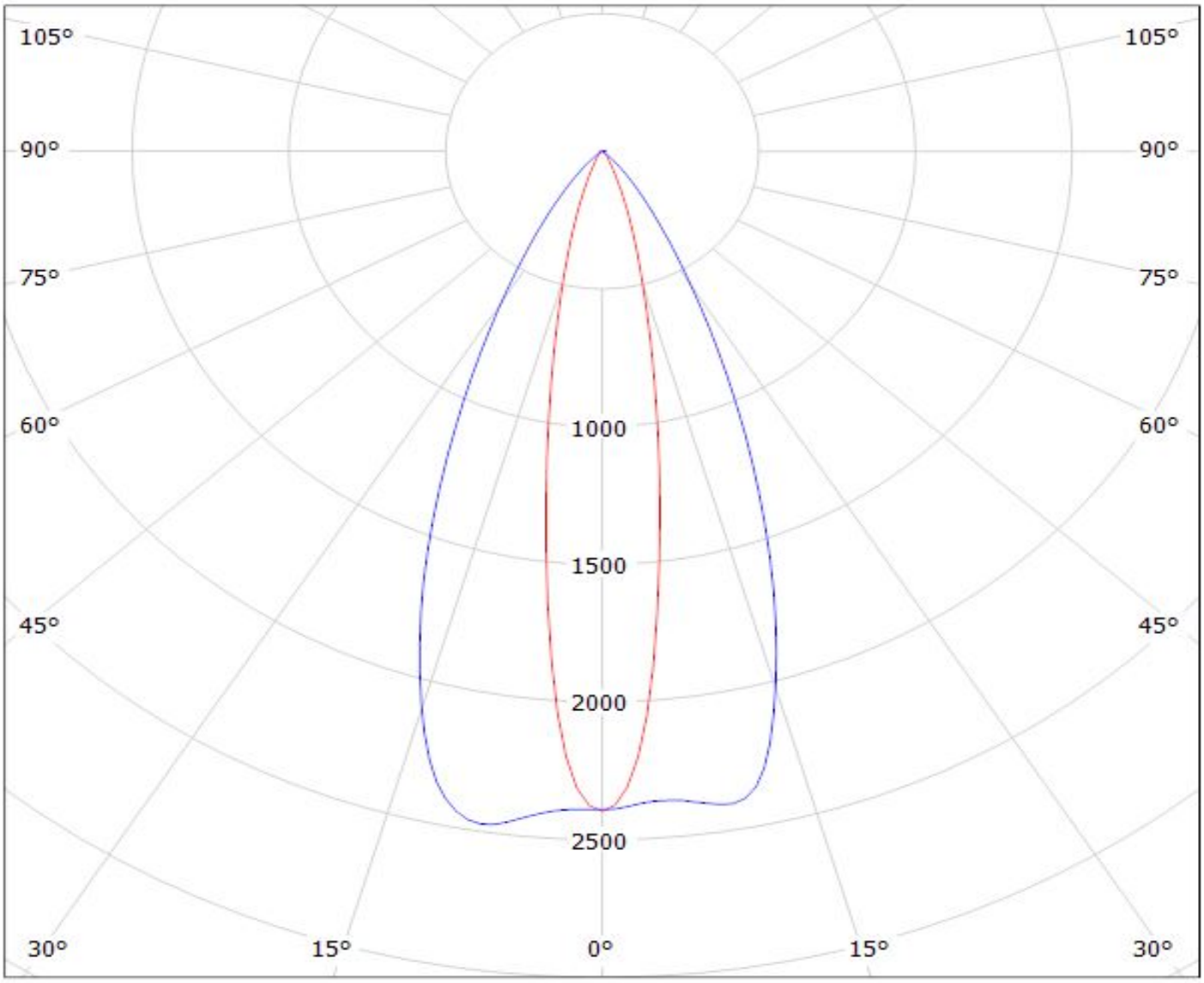
Luminaire: LEDiL Oy FP11851_LISA2-O-90-PIN_(Luxeon_C_WHITE)
Lamps: 1 x Luxeon_C_WHITE_84.9929lm@250mA_P=0.7402W_I=0.250A



Luminaire: LEDiL Oy FP11856_LISA2-O-90-CLIP_(Luxeon_Z_ES) Eff: 80%
Lamps: 1 x Luxeon_Z_ES_(LXZ2-3090)_50.3792lm@250mA_P=0.735356W_I=249.9mA



Luminaire: LEDiL Oy FP11851_LISA2-O-90-PIN_(Luxeon_C_WHITE)
Lamps: 1 x Luxeon_C_WHITE_84.9929lm@250mA_P=0.7402W_I=0.250A



cd/klm

η = 80%

C0 - C180 C90 - C270

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.