PRODUCT DATASHEET
Lisa2 series
last update 26/4/2016

DETAILS

Product Number	FP11121_LISA2-O-CLIP
Family	Lisa2
Type	Assembly
Color	black
Diameter	9,9 mm
Height	6,8 mm
Style	round
Optic Material	PMMA
Holder Material	
Fastening	clips, glue
Status	production ready
ROHS Comliant	Yes
Date Updated	26/04/2016

OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Effi-ciency	cd/lm	Connector
XP-E	18+48 deg	Oval	83 %	2.300	-
XP-G	46+24 deg	Oval	86 %	-	-
XQ-E	sim: 13+40	Oval	sim: 86 %	sim: 3.500	-
XQ-E HI	sim: 11+46	Oval	sim: 83 %	sim: 3.800	-
LUXEON Z ES	50+19 deg	Oval	79 %	2.300	-
Double Dome (GM2BB)	10+32 deg	Oval	-	-	-

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24240 SALO, Finland

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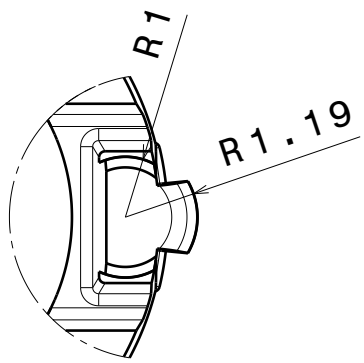
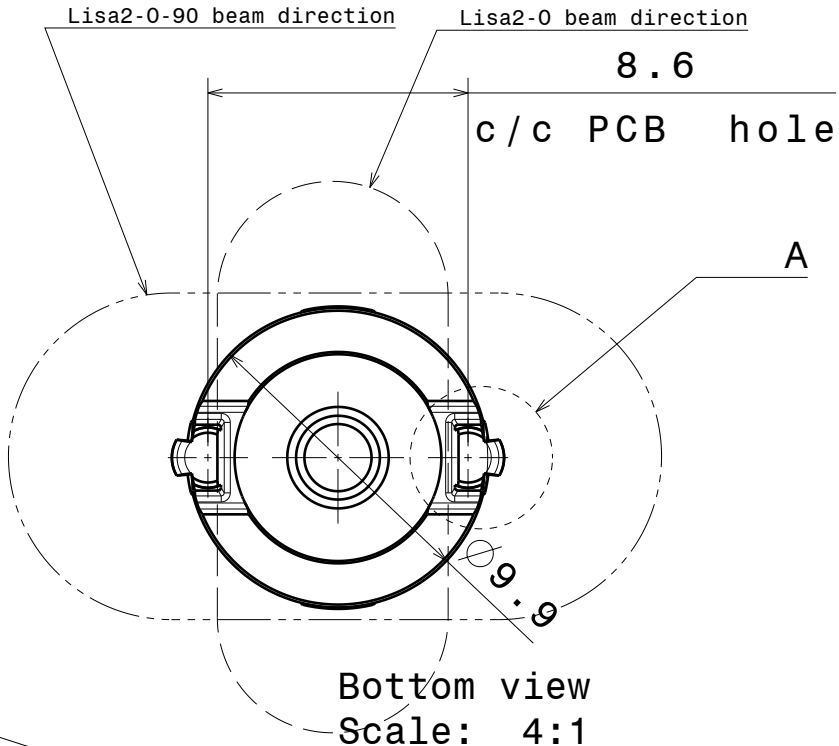
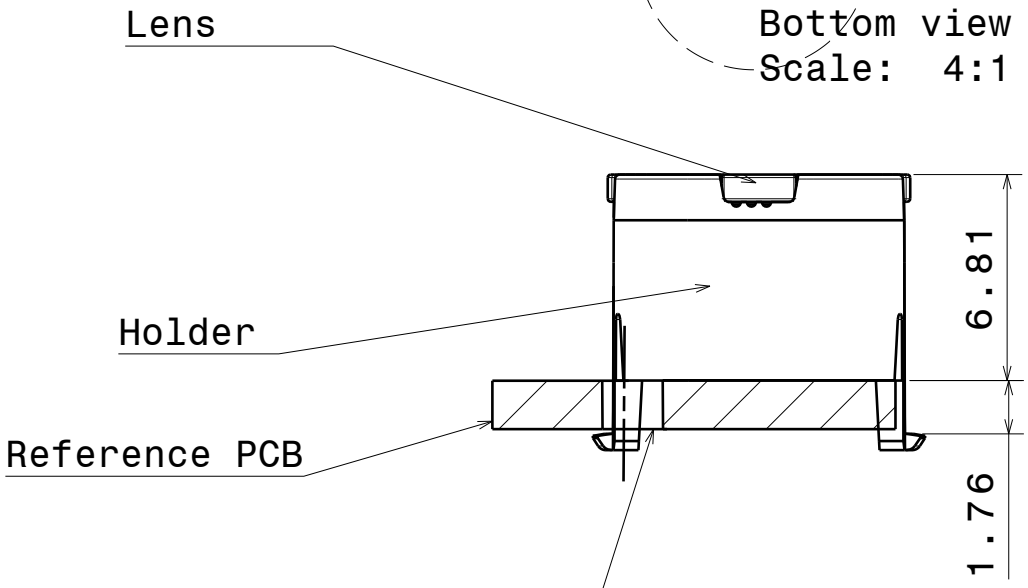
FAX: +358-2-733 8001



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

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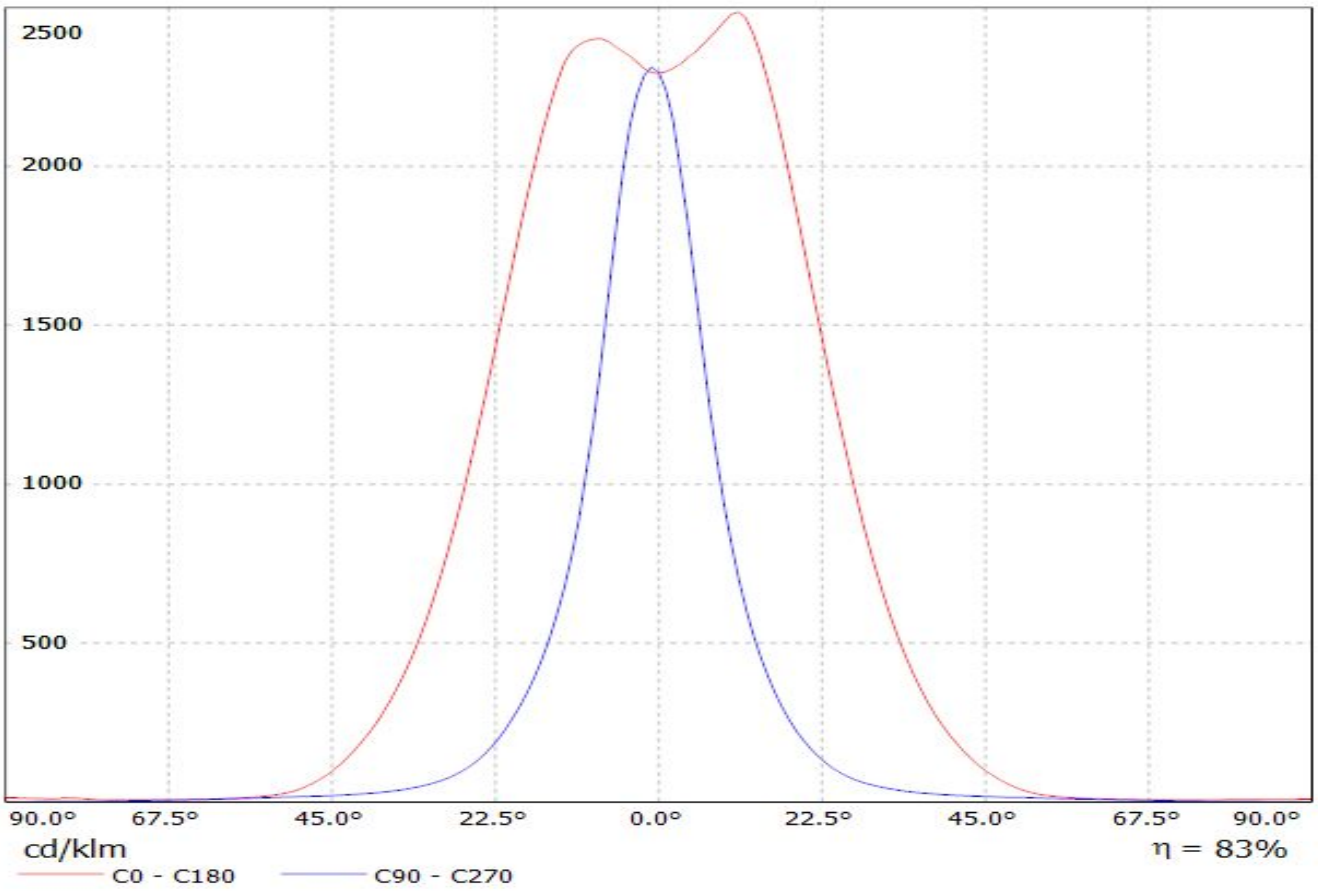
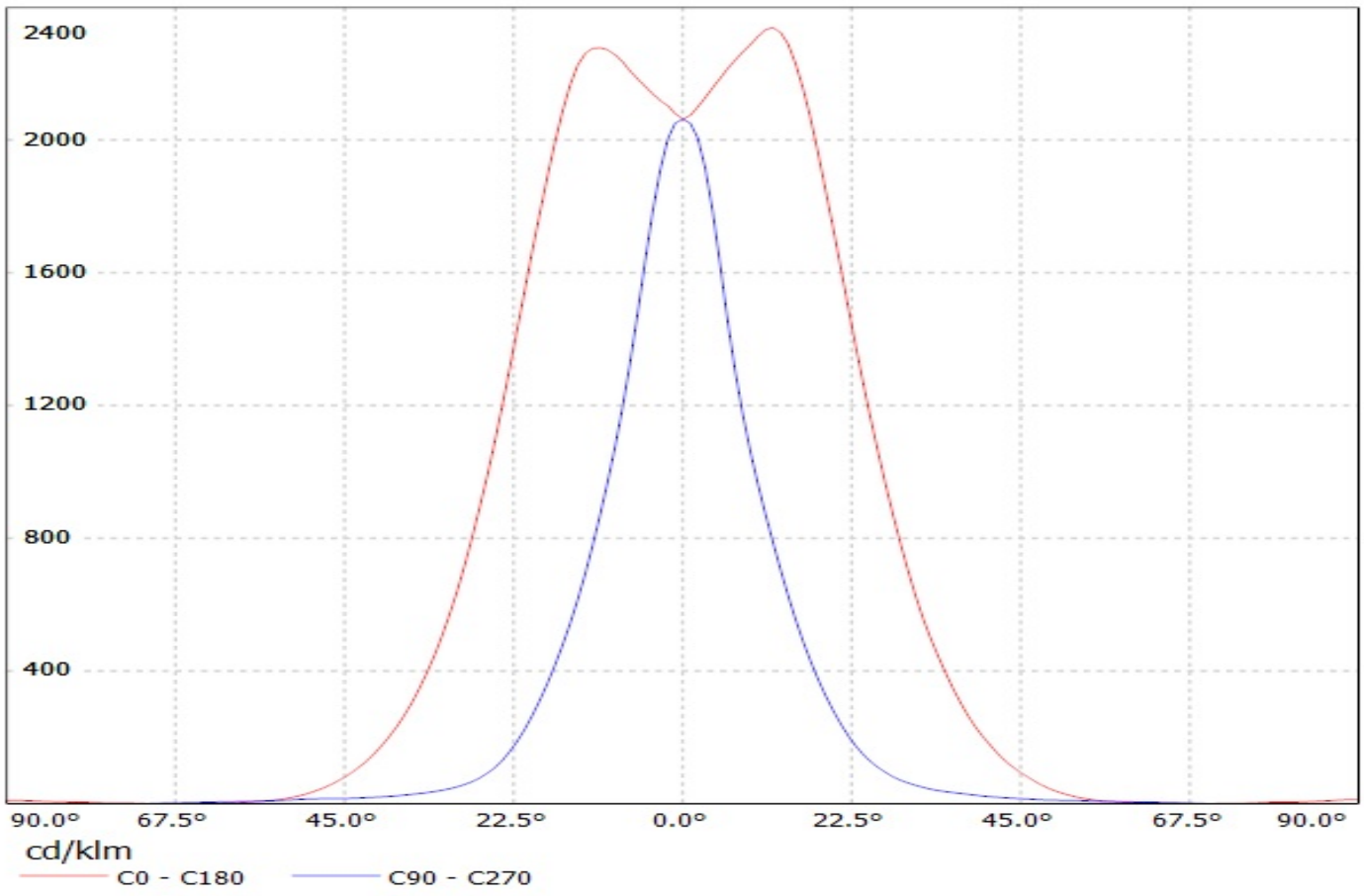
DRAWN BY: ah	DATE: 20.7.2011	DRAWING TITLE: Datasheet Lisa2-clip16-XP series Assy		
CHECKED BY: sn	DATE: 20.7.2011	SIZE: A4	DRAWING NUMBER	REV: 2
DESIGNED BY: hh	DATE: 19.10.2009	SCALE: 4:1	WEIGHT(g)	SHEET: 1/1

Luminaire: LEDiL Oy FP11125&_FP11121_LISA2-O_(XP-E) Eff.83.3%
Lamps: 1 x CREE XP-E (70.0622lm@250mA)



Luminaire: LEDil Oy FP11121_LISA2-O-CLIP_(Luxeon_Z_ES) Efficiency=79%
Lamps: 1 x Philips Lumileds Luxeon Z ES (LXZ2-3090) 50.4lm @ 250mA CCT=3200K P=0.7W I=250mA



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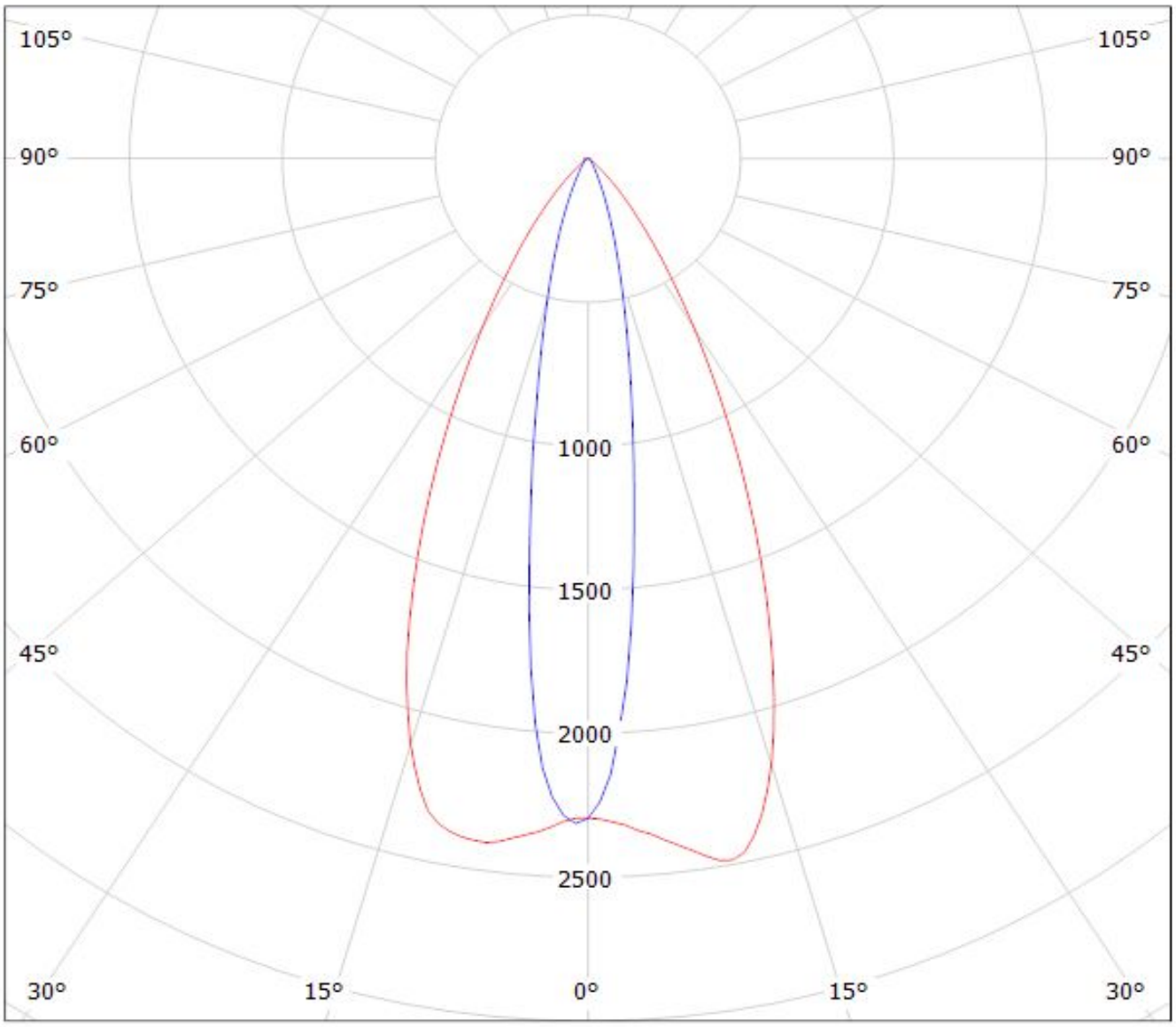

cd/klm

η = 83%

C0 - C180 C90 - C270

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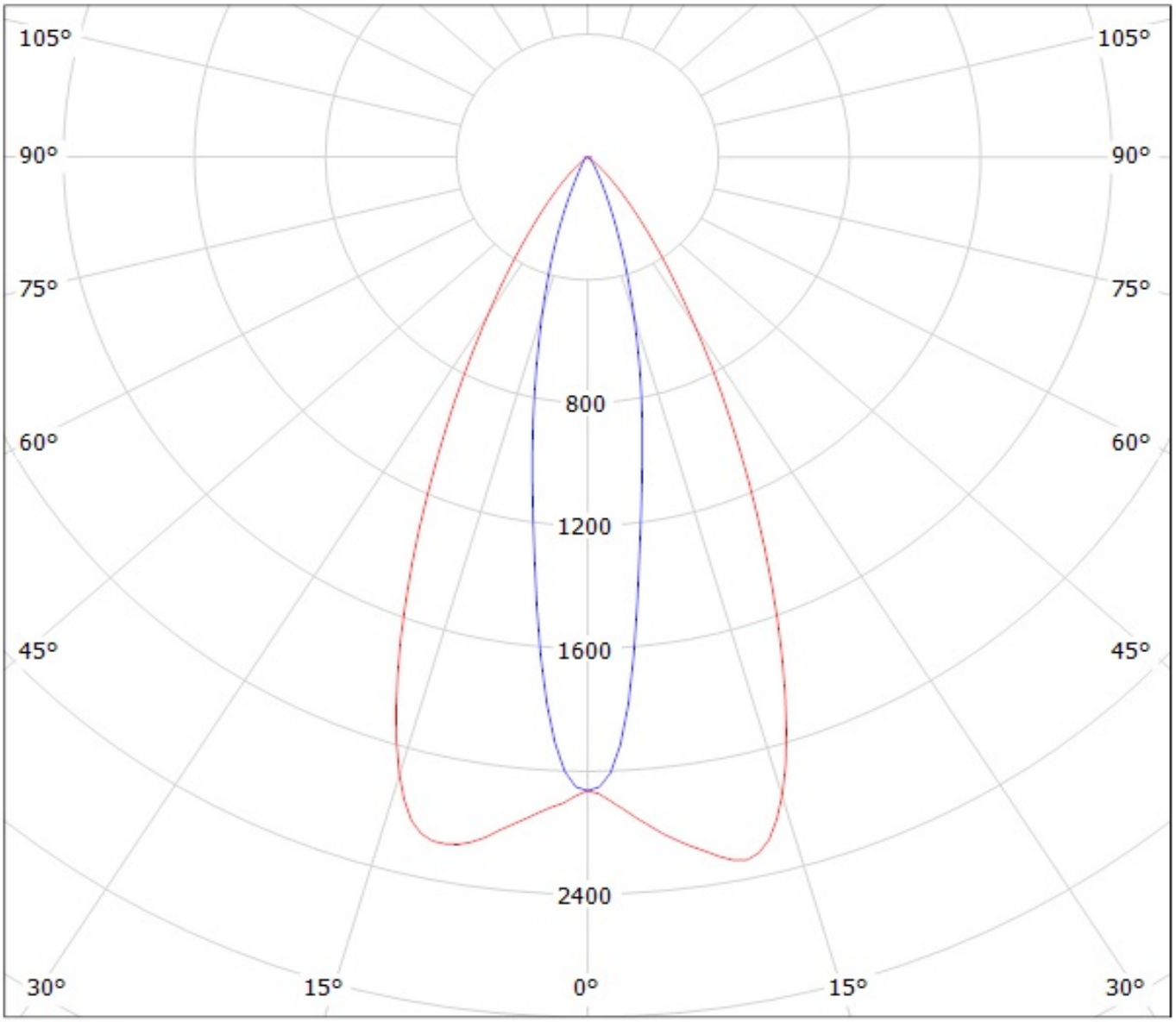

cd/klm

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.