
Ordering number C13490_HB-5X1-FLAT-W

Family	High Bay	FWHM	(simulated) 47
Type	Lens array	Efficiency	-
LED	XP-E	cd/lm	(simulated) 0.000
Color	Clear	Gerber File	Available
Diameter	123 + 25 mm		
Height	8.5 mm		
Style	Rectang		
Optic Material	PMMA		
Holder Material	-		
Fastening	Screw, pin, glue		
Status	On production		

Otherwise same as C12345_HB-5X1-W but bottom structure is

Ordering number C12345_HB-5X1-W

Family	High Bay	FWHM	47 degrees
Type	Lens array	Efficiency	90 %
LED	XP-E	cd/lm	1.090
Color	Clear	Gerber File	Available
Diameter	123 + 25 mm		
Height	9 mm		
Style	Rectang		
Optic Material	PMMA		
Holder Material	-		
Fastening	Screw, pin, glue		
Status	On production		

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.



PRODUCT DATASHEET High Bay series

last update 7/8/2013

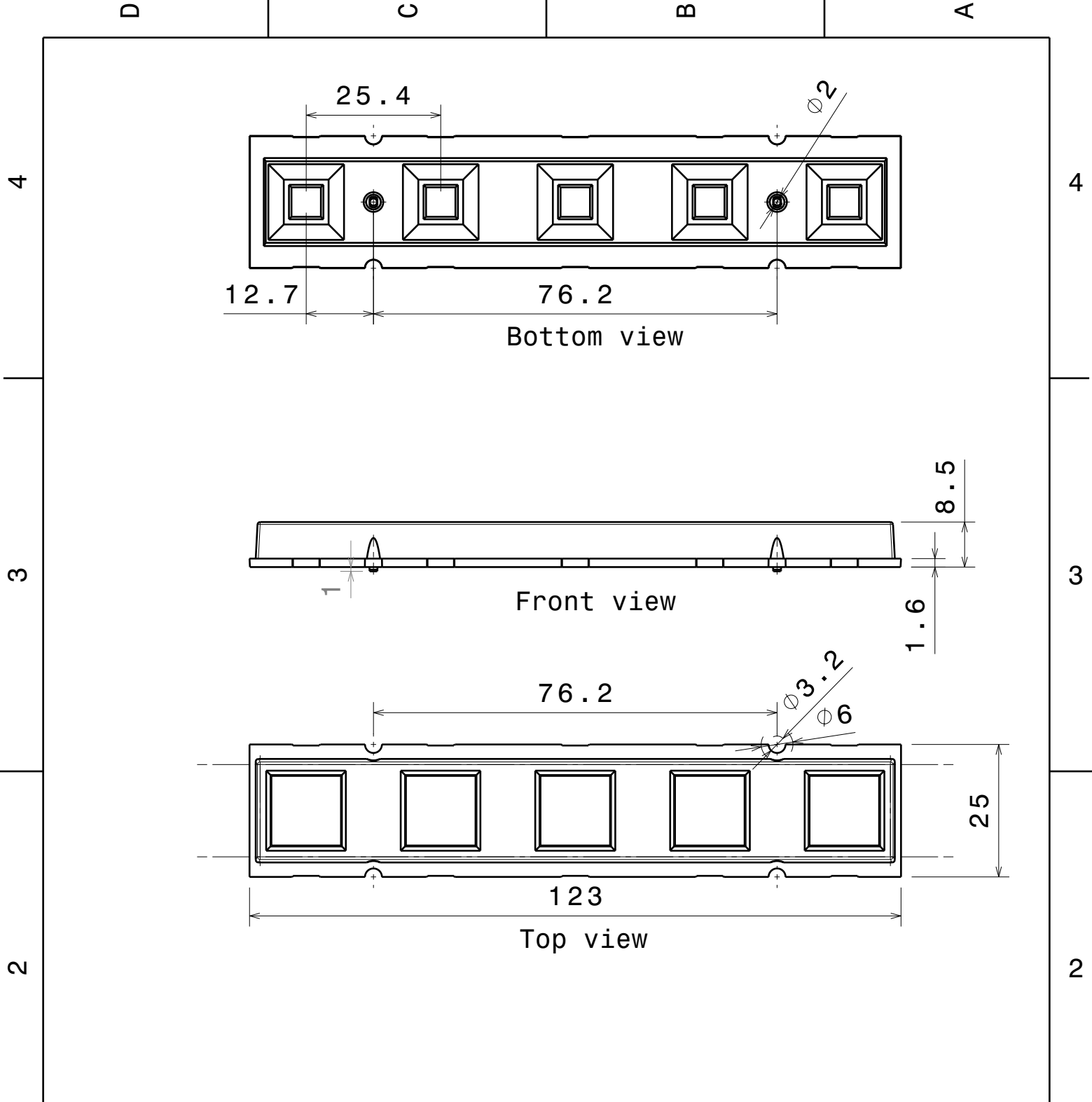
GENERAL INFORMATION

- Product series especially designed & optimized for XP-E series of LEDs.
- Special care taken to make light distribution as uniform as possible.
- Lens material optical grade PMMA with high UV and temperature resistance. Allows use of high current and temperature conditions.

Please find more information about used material from below:

http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20UL94_Yellow%20Card.pdf

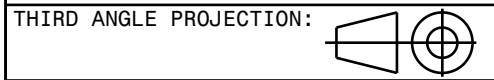
<http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20PLEXIGLAS-Datasheet.pdf>



INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C13490	HB-5X1-FLAT-W	PMMA 8N	

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

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DRAWING TITLE
C13490_HB-5X1-FLAT-W

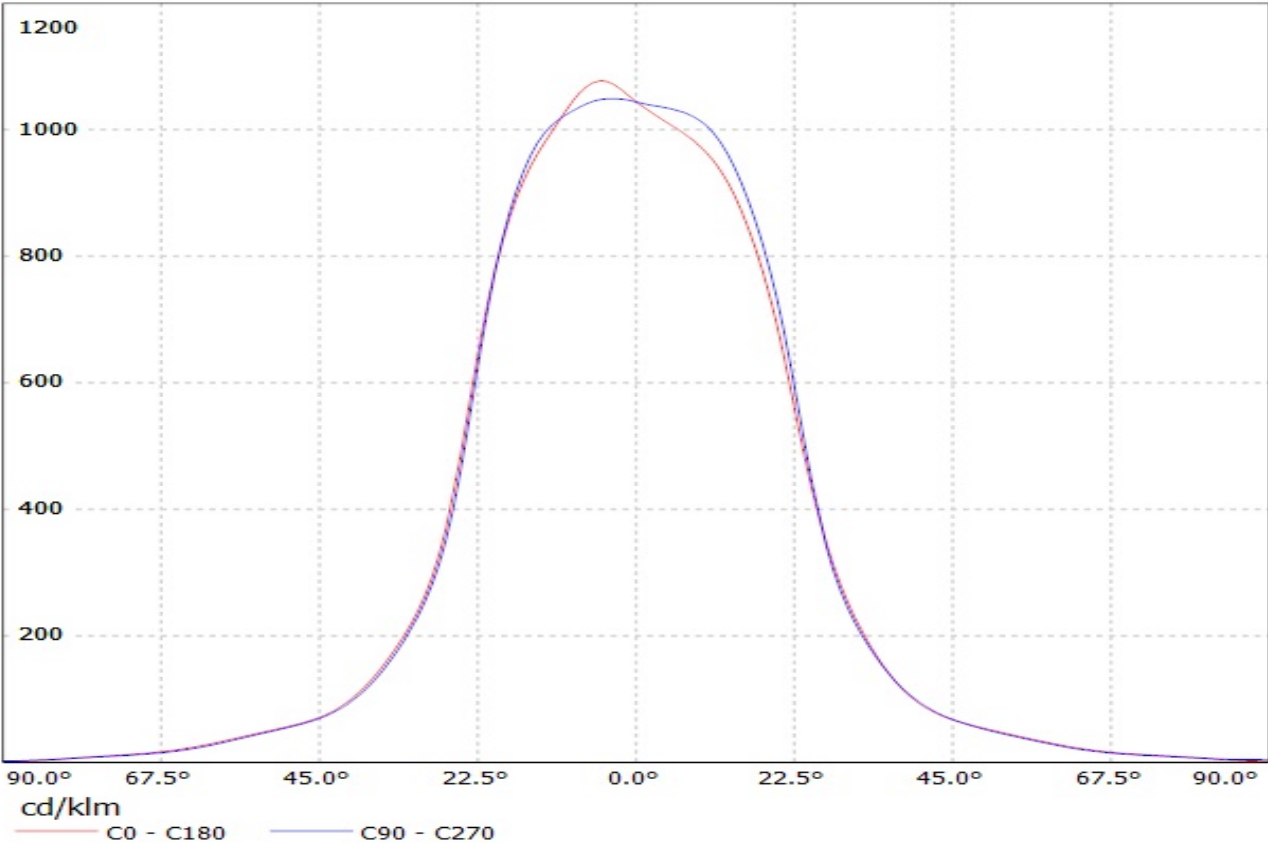
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SIZE	PART NUMBER
A4	C13490

SCALE	1:1	WEIGHT	-	SHEET	1/1
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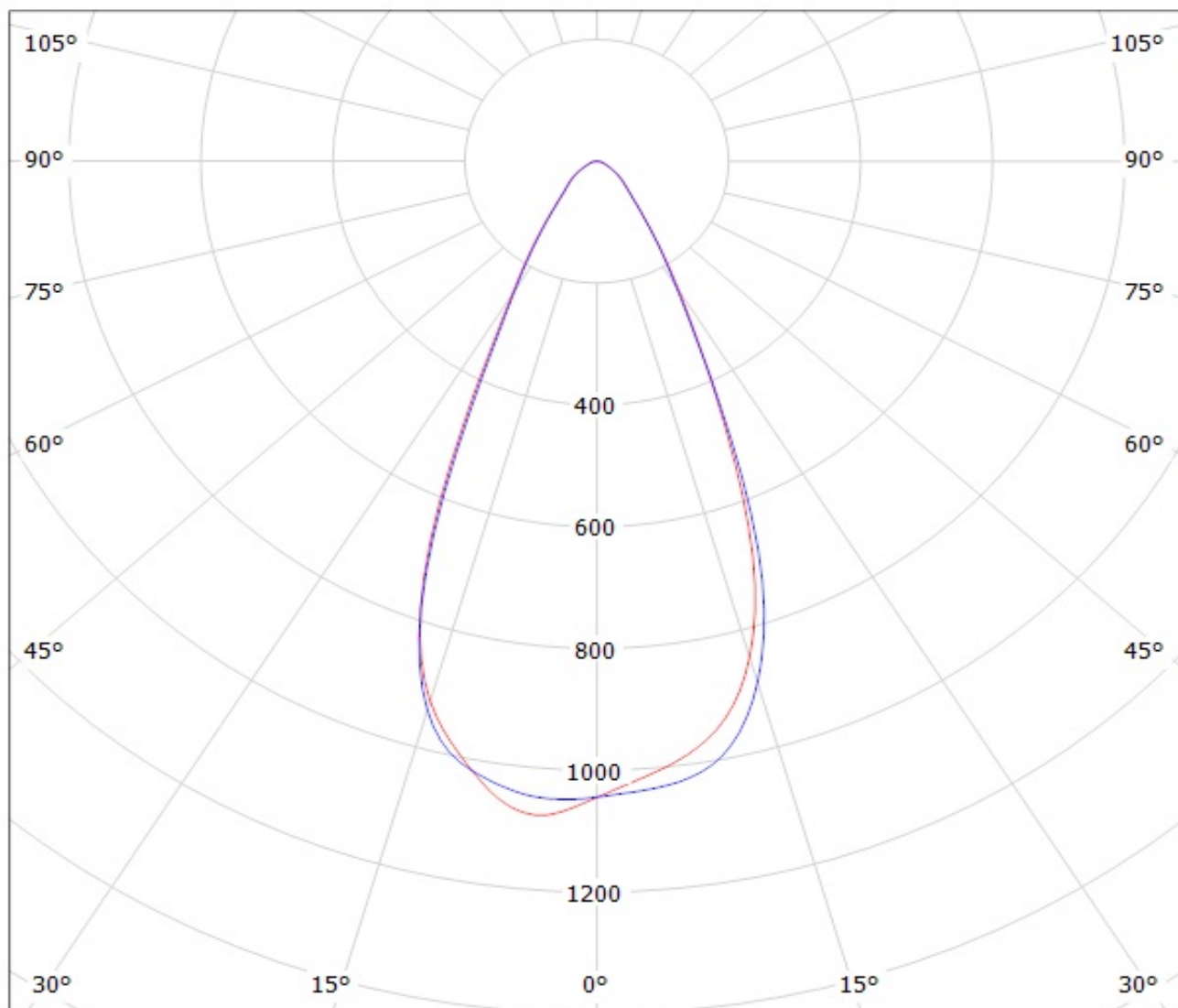
Luminaire: LEDIL OY C12345_HB-5X1 (XP-E) Efficiency=90%

Lamps: 1 x Cree XP-E (352lm@250mA)



Luminaire: LEDIL OY C12345_HB-5X1 (XP-E) Efficiency=90%

Lamps: 1 x Cree XP-E (352lm@250mA)



cd/klm

— C0 - C180

— C90 - C270

$\eta = 90\%$