

## HB-SQ-W

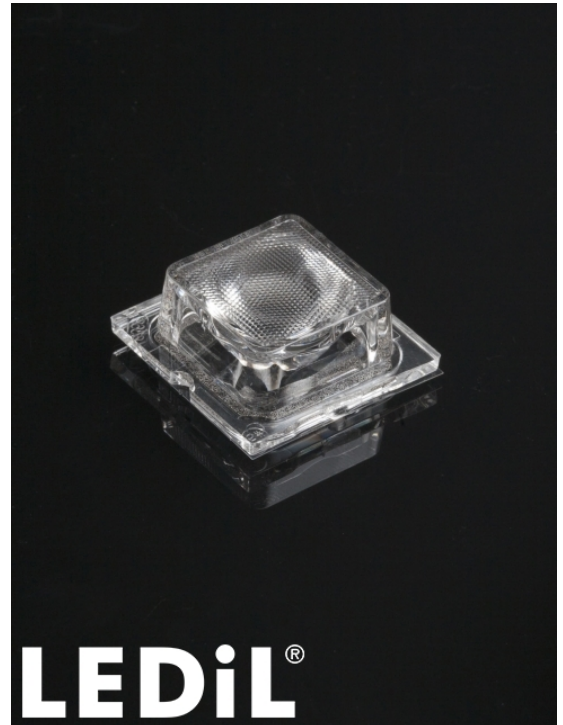
~60° beam. Assembly with installation tape.

### TECHNICAL SPECIFICATIONS:

Dimensions	25.0 mm
Height	10 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

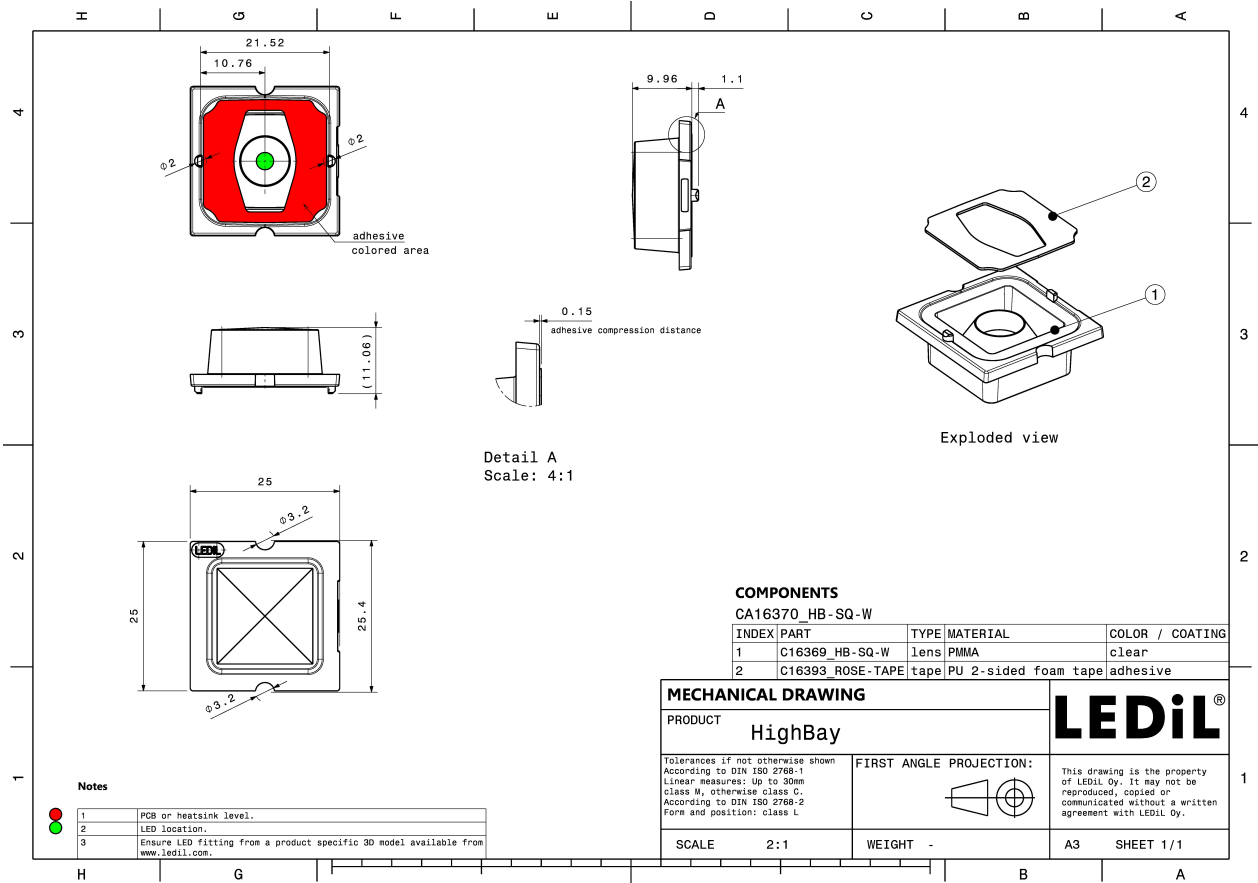
### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
HB-SQ-W	Single lens	PMMA	clear	
ROSE-TAPE	Tape	PU tape	black	



### ORDERING INFORMATION:

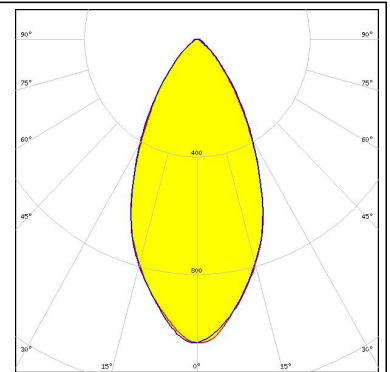
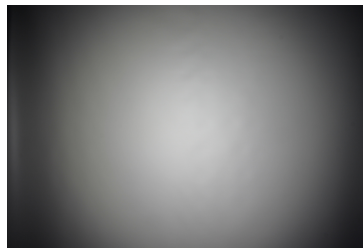
Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
CA16370_HB-SQ-W » Box size: 480 x 280 x 300 mm	Single lens	2058	294	98	8.6



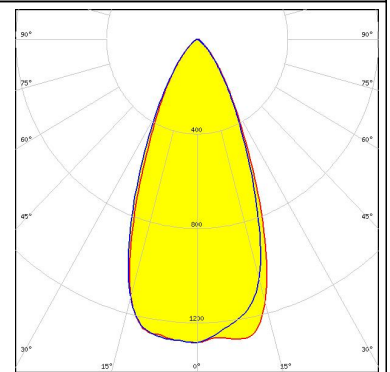
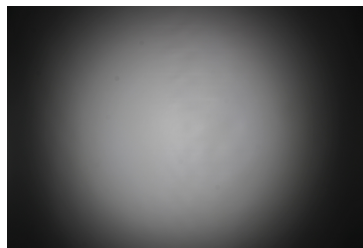
### PHOTOMETRIC DATA (MEASURED):



LED XHP70  
FWHM 51.0°  
Efficiency 93 %  
Peak intensity 1 cd/Im  
LEDs/each optic 1  
Light colour White  
Required components:



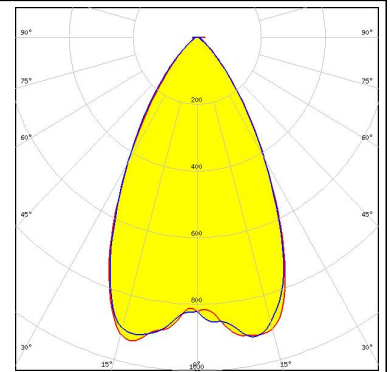
LED LUXEON 5050 Round LES  
FWHM 46.0°  
Efficiency 94 %  
Peak intensity 1.3 cd/Im  
LEDs/each optic 1  
Light colour White  
Required components:



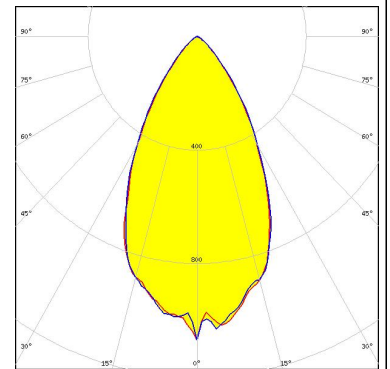
#### PHOTOMETRIC DATA (SIMULATED):



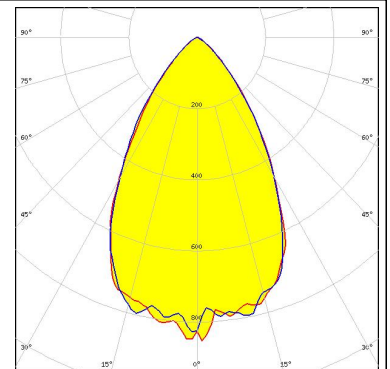
LED XHP50.2  
 FWHM 55.0°  
 Efficiency 95 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



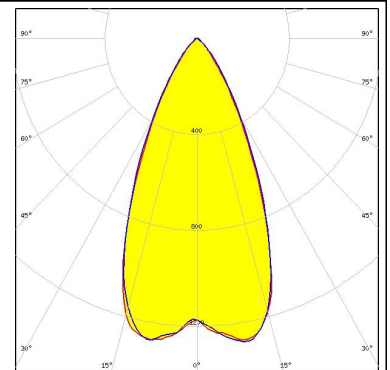
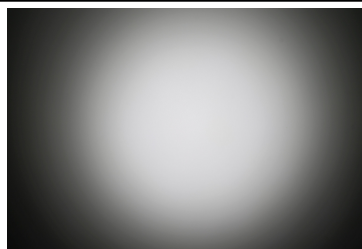
LED XHP70  
 FWHM 54.0°  
 Efficiency 92 %  
 Peak intensity 1.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED XHP70.2  
 FWHM 61.0°  
 Efficiency 91 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



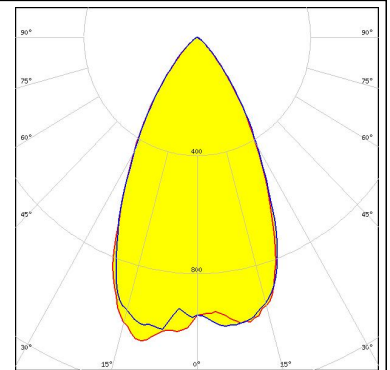
LED LUXEON 5050 Round LES  
 FWHM 49.0°  
 Efficiency 94 %  
 Peak intensity 1.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### PHOTOMETRIC DATA (SIMULATED):

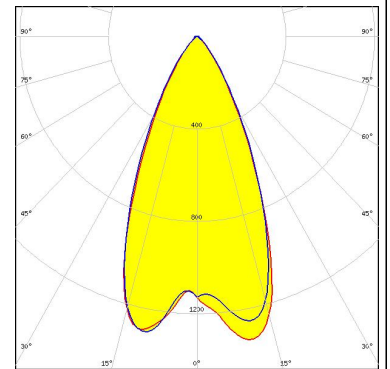
##### LUMILEDS

LED LUXEON M/MX  
 FWHM 51.0°  
 Efficiency 93 %  
 Peak intensity 1.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



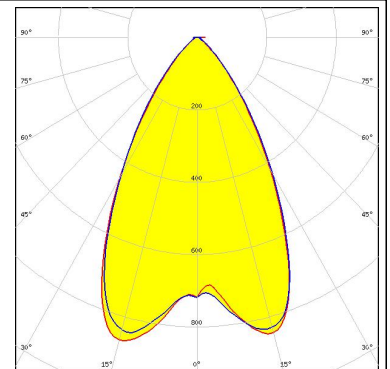
##### LUMILEDS

LED LUXEON MZ  
 FWHM 46.0°  
 Efficiency 96 %  
 Peak intensity 1.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



##### NICHIA

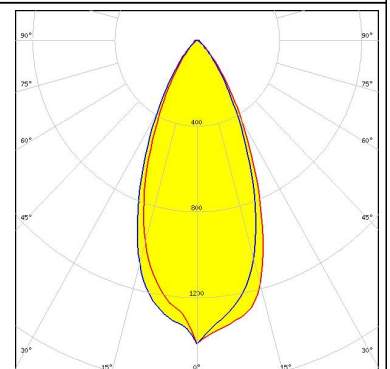
LED NV4x144A  
 FWHM 57.0°  
 Efficiency 93 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



##### OSRAM

Opto Semiconductors

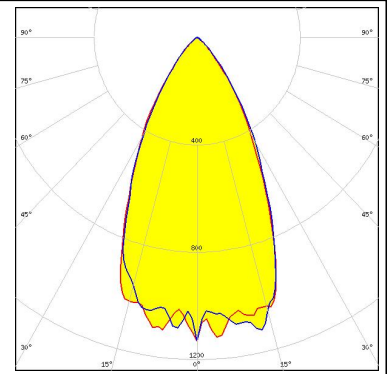
LED Duris S10  
 FWHM 45.0°  
 Efficiency 96 %  
 Peak intensity 1.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



## PHOTOMETRIC DATA (SIMULATED):

**OSRAM**  
Opto Semiconductors

LED	OSCONIQ P 7070
FWHM	52.0°
Efficiency	93 %
Peak intensity	1.2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



### GENERAL INFORMATION:

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

### MATERIALS:

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[C17171\\_DAISSY-8X1-SHD-MATT](#) [C17172\\_DAISSY-8X1-SHD-MATT-WHT](#) [C17173\\_DAISSY-4X1-WW-US](#) [C17341\\_DAISSY-4X1-WW-US-D](#) [CS15759\\_HB-2X2MX-8-W](#) [CS15769\\_STRADA-2X2MX-8-T2-S](#) [CA16435\\_LXP2-SS-WAS](#) [CS13756\\_STRADA-IP-2X6-DWC-PC](#)  
[CN16210\\_GABRIELLA-MIDI-W](#) [CP17138\\_CARMEN-M2-C-WHT](#) [CP17137\\_CARMEN-M2-C](#) [CA16015\\_STRADA-SQ-SCL](#)  
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