

## BILLIE-B

Asymmetric beam for wall-washing. Assembly with holder and installation tape.

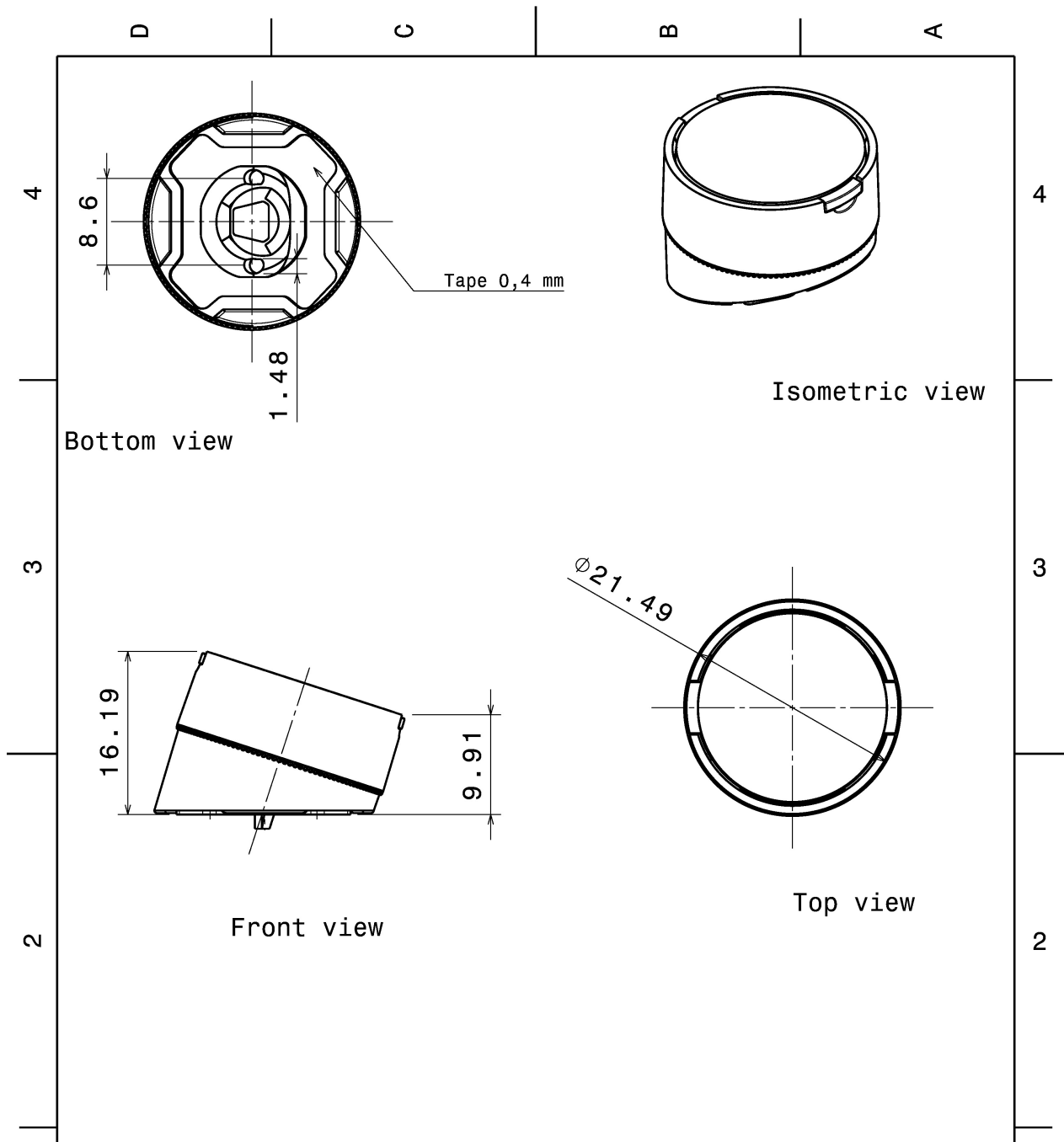
### TECHNICAL SPECIFICATIONS:

|                 |                    |
|-----------------|--------------------|
| Dimensions      | Ø 21.5 mm          |
| Height          | 16.1 mm            |
| Fastening       | pin, tape          |
| Colour          | white              |
| Box size        | 480 x 280 x 300 mm |
| Box weight      | 0 kg               |
| Quantity in Box | 1792 pcs           |
| ROHS compliant  | yes ⓘ              |



### MATERIAL SPECIFICATIONS:

| Component           | Type   | Material | Colour |
|---------------------|--------|----------|--------|
| BILLIE-B            | Lens   | PMMA     | clear  |
| BILLIE-HLD-PIN-TAPE | Holder | PC       | white  |
| HEIDI-TAPE          | Tape   | PU tape  | black  |



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

**BILLIE datasheet**

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SIZE PART NUMBER

**A4**

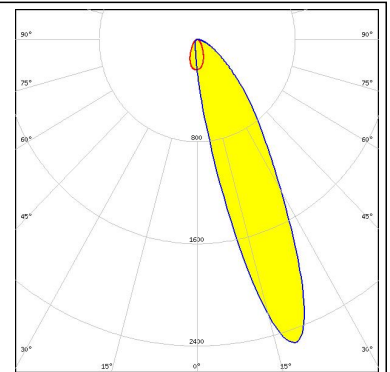
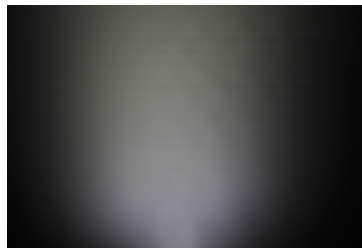
SCALE 2:1 WEIGHT -

SHEET 1/1

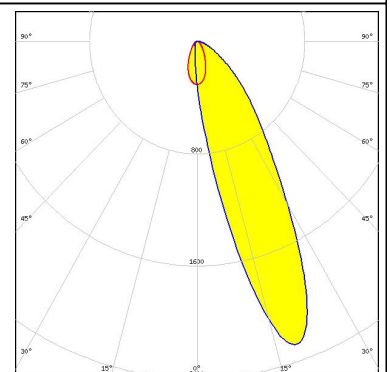
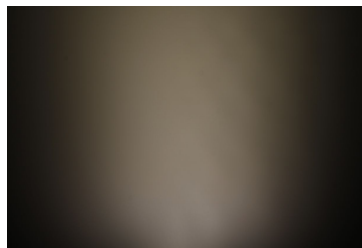
**PHOTOMETRIC DATA (MEASURED):**



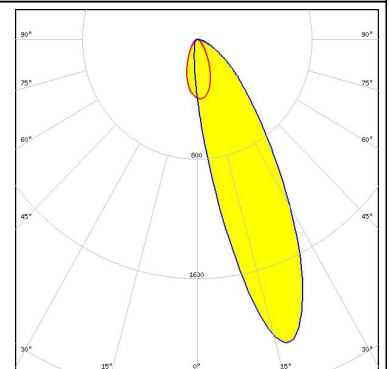
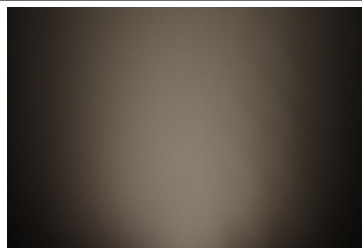
LED XP-E  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 2.500 cd/lm  
Required components:



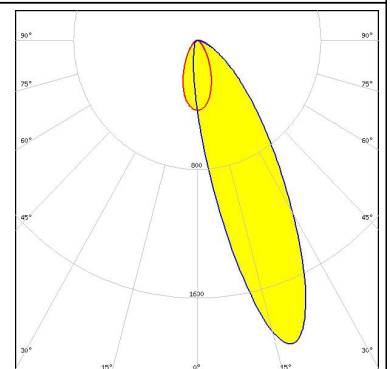
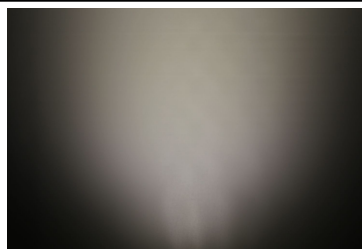
LED XP-G  
FWHM Asymmetric  
Efficiency 93 %  
Peak intensity 2.300 cd/lm  
Required components:



LED LUXEON Rebel  
FWHM Asymmetric  
Efficiency 93 %  
Peak intensity 2.100 cd/lm  
Required components:



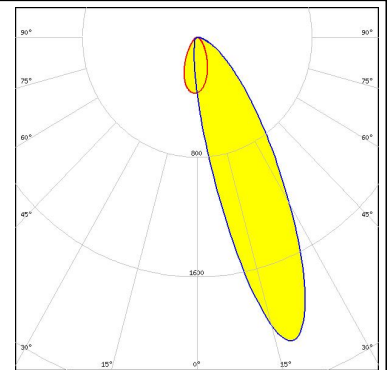
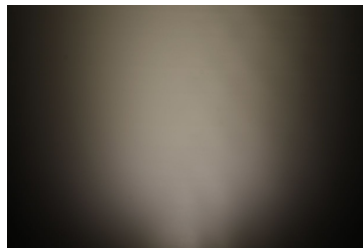
LED LUXEON Rebel ES  
FWHM Asymmetric  
Efficiency 92 %  
Peak intensity 2.000 cd/lm  
Required components:



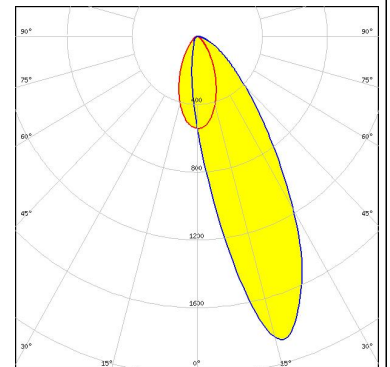
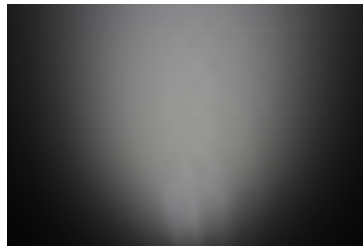
### PHOTOMETRIC DATA (MEASURED):



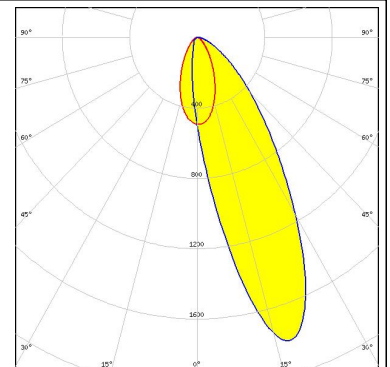
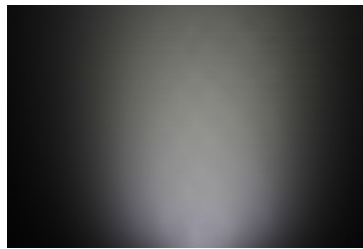
LED NCSxx19B  
FWHM Asymmetric  
Efficiency 92 %  
Peak intensity 2.100 cd/lm  
Required components:



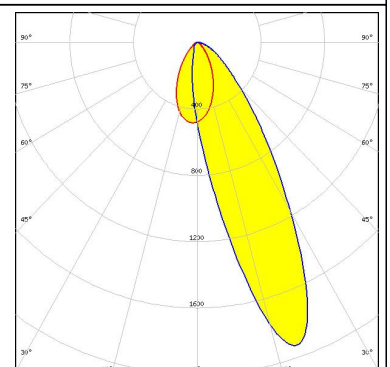
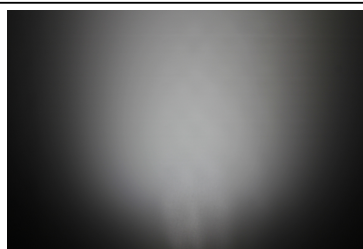
LED NF2x757D  
FWHM Asymmetric  
Efficiency 93 %  
Peak intensity 1.900 cd/lm  
Required components:



LED NVSxx19B/NVSxx19C  
FWHM Asymmetric  
Efficiency 91 %  
Peak intensity 1.800 cd/lm  
Required components:



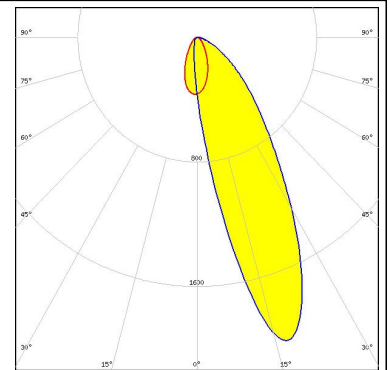
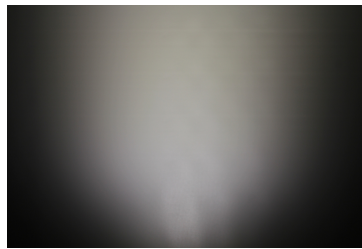
LED Duris S5 (2 chip)  
FWHM Asymmetric  
Efficiency 93 %  
Peak intensity 1.900 cd/lm  
Required components:



**PHOTOMETRIC DATA (MEASURED):**

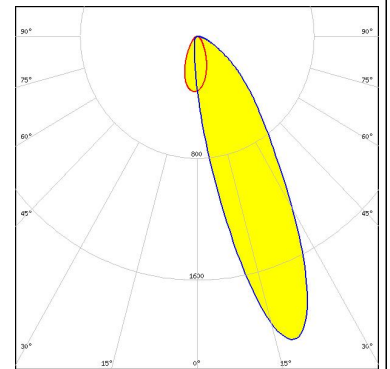
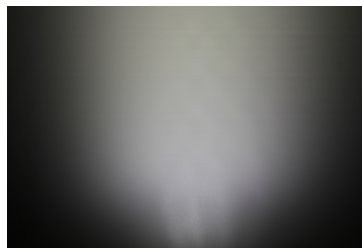
**OSRAM**  
Opto Semiconductors

LED Oslon Square EC  
FWHM Asymmetric  
Efficiency 93 %  
Peak intensity 2.000 cd/lm  
Required components:



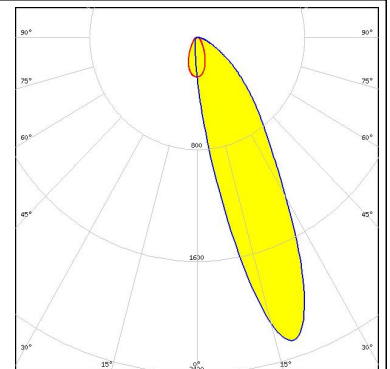
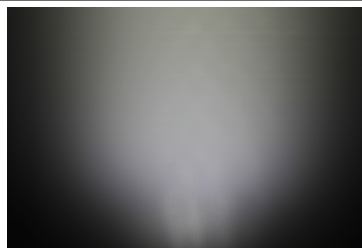
**SAMSUNG**

LED LH351B  
FWHM Asymmetric  
Efficiency 93 %  
Peak intensity 2.100 cd/lm  
Required components:



**SAMSUNG**

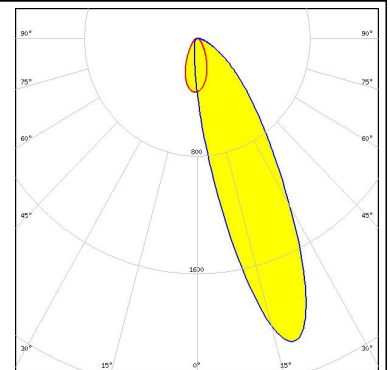
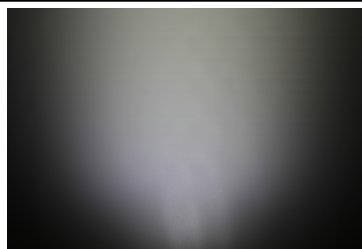
LED LH351Z  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 2.300 cd/lm  
Required components:



**SEOL**

SEOUL SEMICONDUCTOR

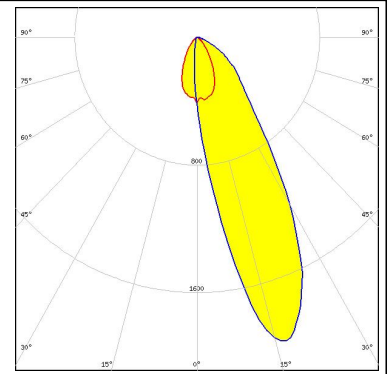
LED Z5M1/Z5M2  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 2.200 cd/lm  
Required components:



## PHOTOMETRIC DATA (SIMULATED):



LED NF2x757G  
FWHM Asymmetric  
Efficiency 93 %  
Peak intensity 2.000 cd/lm  
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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