

## FLARE-MAXI-D-TAPE

34 x 33 mm lens with ~110° x 15° diffused oval beam. Assembly with installation tape.

### SPECIFICATION:

|                |                |
|----------------|----------------|
| Dimensions     | 33.9 x 33.3 mm |
| Height         | 16.9 mm        |
| Fastening      | tape, pin      |
| ROHS compliant | yes ⓘ          |

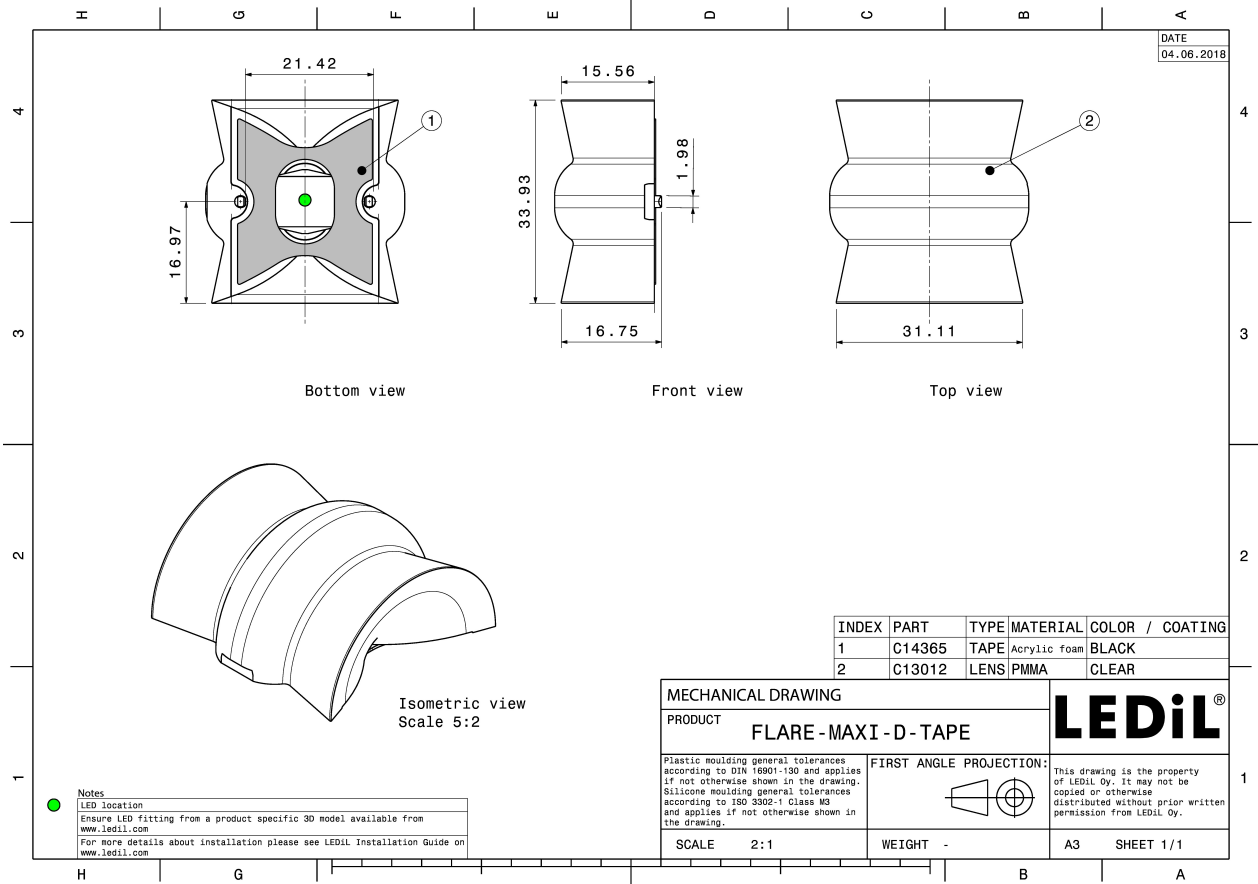


### MATERIALS:

| Component       | Type        | Material     | Colour | Finish |
|-----------------|-------------|--------------|--------|--------|
| FLARE-MAXI-D    | Single lens | PMMA         | clear  |        |
| FLARE-MAXI-TAPE | Tape        | Acrylic foam | clear  |        |

### ORDERING INFORMATION:

| Component   | Type        | Qty in box | MOQ | MPQ | Box weight (kg) |
|---|-------------|------------|-----|-----|-----------------|
| CA14367_FLARE-MAXI-D-TAPE<br>» Box size: 457 x 260 x 260 mm | Single lens | 864        | 144 | 72  | 10.0            |



See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

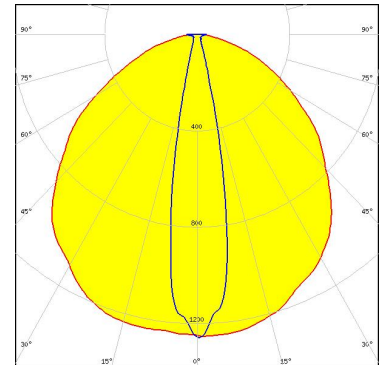
#### OPTICAL RESULTS (MEASURED):



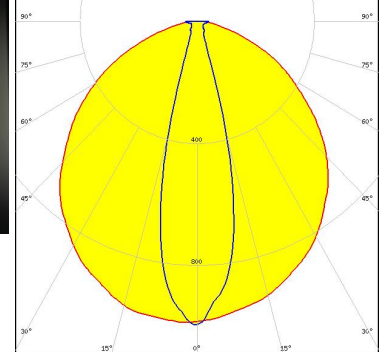
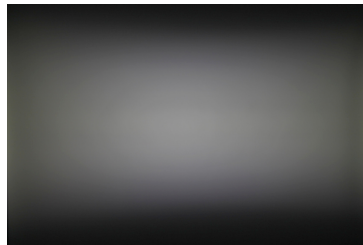
LED MK-R  
 FWHM / FWTM 100.0 + 23.0° / 184.0°  
 Efficiency 92 %  
 Peak intensity 1.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED XHP50  
 FWHM / FWTM 109.0 + 20.0° / 155.0 + 35.0°  
 Efficiency 92 %  
 Peak intensity 1.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED XHP70  
 FWHM / FWTM 107.0 + 27.0° / 154.0 + 42.0°  
 Efficiency 94 %  
 Peak intensity 1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED XM-L  
 FWHM / FWTM 110.0 + 15.0° / 178.0°  
 Efficiency 94 %  
 Peak intensity 1.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

#### OPTICAL RESULTS (MEASURED):



LED XM-L2  
 FWHM / FWTM 101.0 + 17.0° / 174.0°  
 Efficiency 94 %  
 Peak intensity 1.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



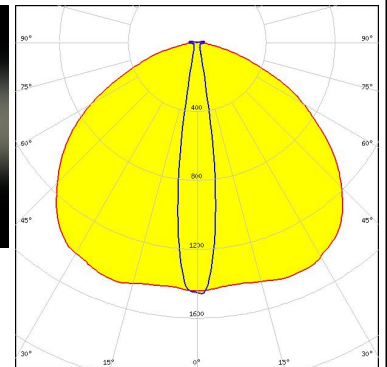
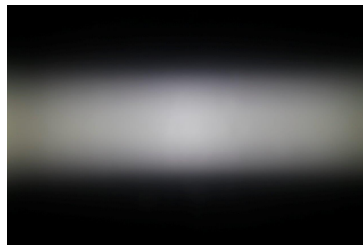
LED XP-G  
 FWHM / FWTM 115.0 + 15.0° / 178.0°  
 Efficiency 94 %  
 Peak intensity 1.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED XP-G2  
 FWHM / FWTM 106.0 + 14.0° / 174.0°  
 Efficiency 94 %  
 Peak intensity 2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



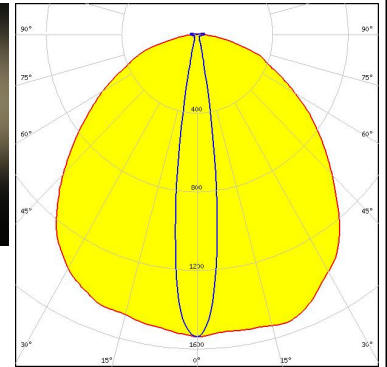
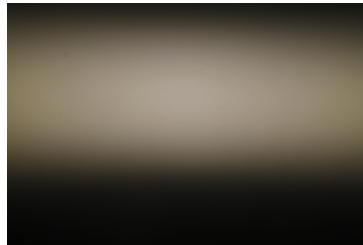
LED XP-L HD  
 FWHM / FWTM 119.0 + 16.0° / 154.0 + 27.0°  
 Efficiency 94 %  
 Peak intensity 1.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### OPTICAL RESULTS (MEASURED):



LED XP-L2  
 FWHM / FWTM 107.0 + 16.0° / 158.0 + 28.0°  
 Efficiency 92 %  
 Peak intensity 1.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED XT-E  
 FWHM / FWTM 117.0 + 14.0° / 185.0°  
 Efficiency 94 %  
 Peak intensity 1.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED LUXEON A  
 FWHM / FWTM 104.0 + 12.0° / 172.0°  
 Efficiency 94 %  
 Peak intensity 2.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED LUXEON M/MX  
 FWHM / FWTM 102.0 + 25.0° / 185.0°  
 Efficiency 94 %  
 Peak intensity 1.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

#### OPTICAL RESULTS (MEASURED):

##### LUMILEDS

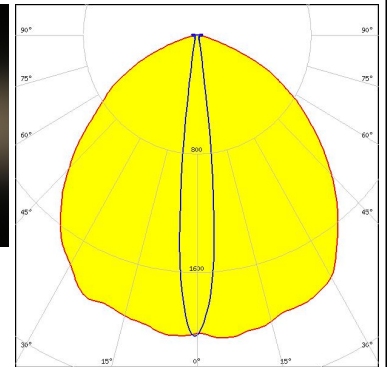
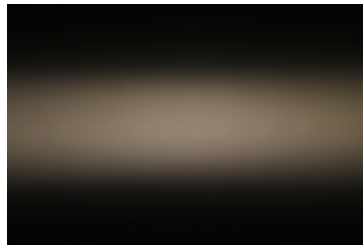
LED LUXEON Rebel ES  
FWHM / FWTM 104.0 + 13.0° / 175.0°  
Efficiency 94 %  
Peak intensity 2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

##### LUMILEDS

LED LUXEON T  
FWHM / FWTM 102.0 + 13.0° / 174.0°  
Efficiency 92 %  
Peak intensity 1.8 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

##### LUMILEDS

LED LUXEON TX  
FWHM / FWTM 103.0 + 13.0° / 143.0°  
Efficiency 93 %  
Peak intensity 2.1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



##### NICHIA

LED NCSxx19B  
FWHM / FWTM 107.0 + 13.0° / 179.0°  
Efficiency 94 %  
Peak intensity 2.1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

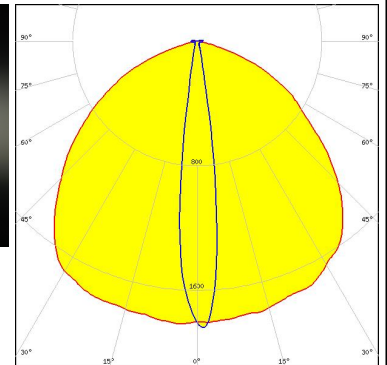
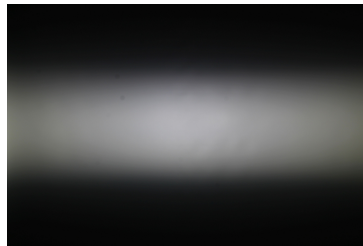
#### OPTICAL RESULTS (MEASURED):



LED NS9x383  
FWHM / FWTM 110.0 + 16.0° / 182.0°  
Efficiency 93 %  
Peak intensity 1.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



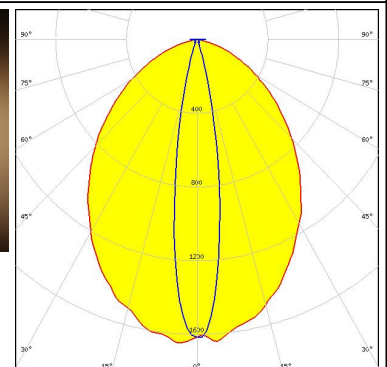
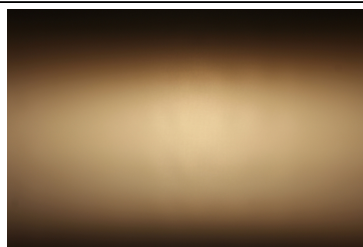
LED NVSW219F  
FWHM / FWTM 108.0 + 14.0° / 146.0 + 24.0°  
Efficiency 93 %  
Peak intensity 1.9 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED NVSxx19B/NVSxx19C  
FWHM / FWTM 116.0 + 13.0° / 179.0°  
Efficiency 94 %  
Peak intensity 1.7 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED Duris S10  
FWHM / FWTM 92.0 + 21.0° / 142.0 + 40.0°  
Efficiency 93 %  
Peak intensity 1.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

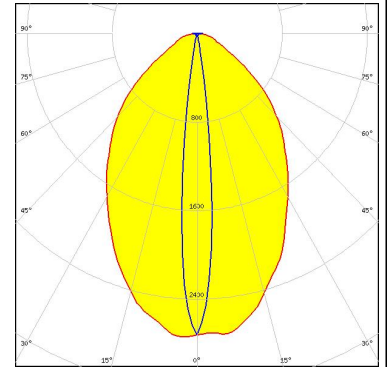


#### OPTICAL RESULTS (MEASURED):

#### OSRAM

Opto Semiconductors

LED OSLON Square EC  
 FWHM / FWTM 99.0 + 14.0° / 176.0°  
 Efficiency 94 %  
 Peak intensity 2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



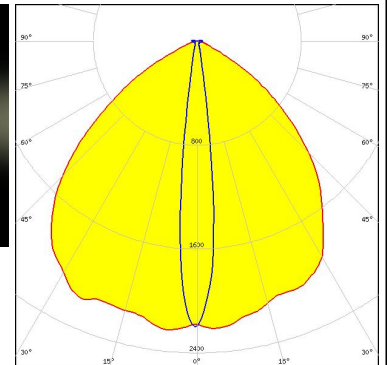
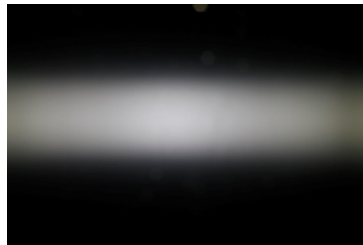
#### OSRAM

Opto Semiconductors

LED OSLON Square PC  
 FWHM / FWTM 104.0 + 12.0° / 175.0°  
 Efficiency 94 %  
 Peak intensity 2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

#### SAMSUNG

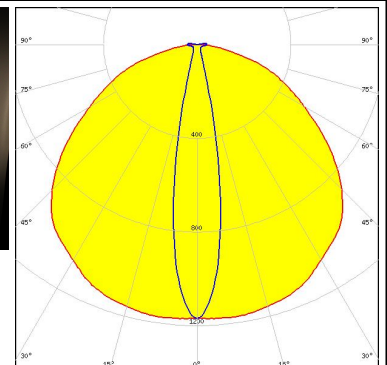
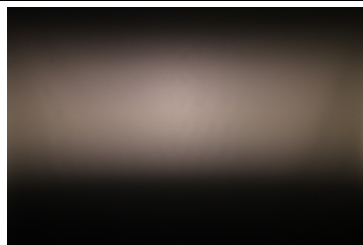
LED LH351Z  
 FWHM / FWTM 97.0 + 13.0° / 128.0 + 22.0°  
 Efficiency 94 %  
 Peak intensity 2.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### SEOL




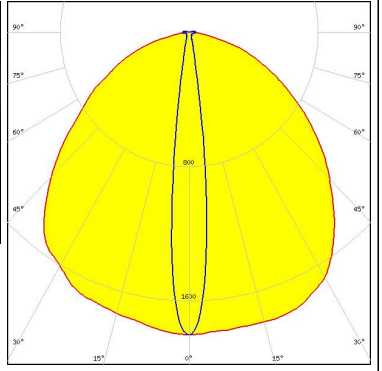

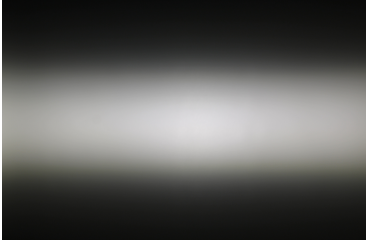
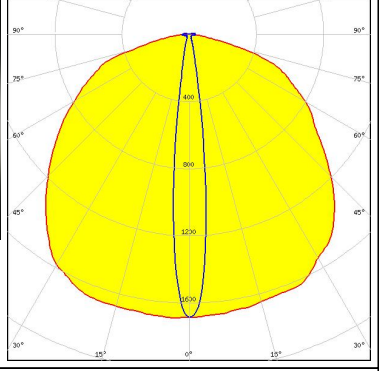

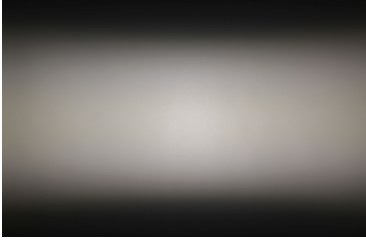
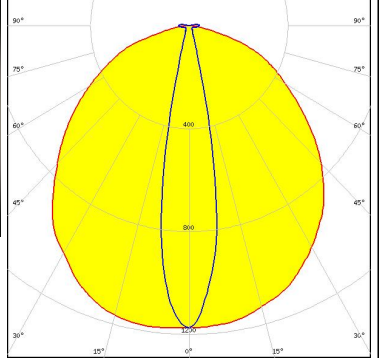
SEOUL SEMICONDUCTOR

LED WICOP 5050  
 FWHM / FWTM 115.0 + 19.0° / 160.0 + 33.0°  
 Efficiency 91 %  
 Peak intensity 1.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:





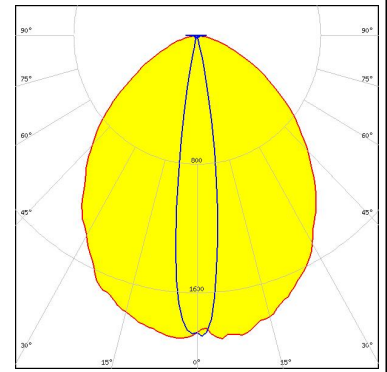
#### OPTICAL RESULTS (MEASURED):

|  |  |
|--|--|
| <p> SEIOUL SEMICONDUCTOR</p> <p>LED Z5M1/Z5M2</p> <p>FWHM / FWTM 104.0 + 14.0° / 169.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 2.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>       |  |
| <p> SEIOUL SEMICONDUCTOR</p> <p>LED Z5M3</p> <p>FWHM / FWTM 108.0 + 13.0° / 155.0 + 24.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 1.8 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>     |     |
| <p> SEIOUL SEMICONDUCTOR</p> <p>LED Z8Y22P</p> <p>FWHM / FWTM 116.0 + 13.0° / 158.0 + 25.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 1.7 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p> |   |
| <p> SEIOUL SEMICONDUCTOR</p> <p>LED Z8Y50P</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 90 %</p> <p>Peak intensity 1.2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>                    |   |

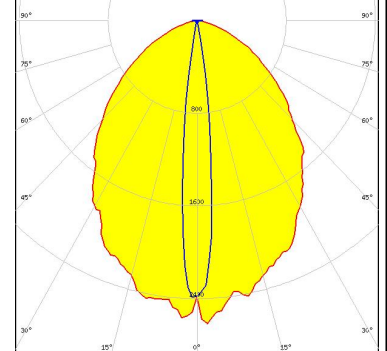
#### OPTICAL RESULTS (SIMULATED):



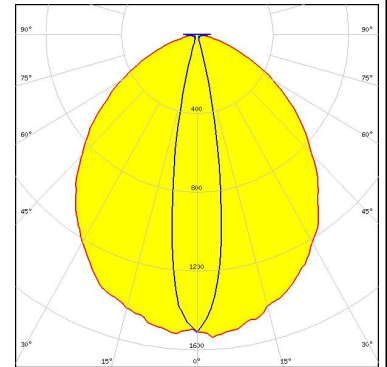
LED XHP35 HD  
 FWHM / FWTM 92.0 + 15.0° / 142.0 + 25.0°  
 Efficiency 92 %  
 Peak intensity 1.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED XHP35 HI  
 FWHM / FWTM 86.0 + 11.0° / 140.0 + 20.0°  
 Efficiency 93 %  
 Peak intensity 2.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED XHP50.2  
 FWHM / FWTM 96.0 + 19.0° / 146.0 + 32.0°  
 Efficiency 94 %  
 Peak intensity 1.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED LUXEON H50-2  
 FWHM / FWTM 10.0 + 65.0° / 144.0°  
 Efficiency 92 %  
 Peak intensity 3.3 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:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

#### PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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