

## STRADELLA-IP-28-HB-M-PC

~65° medium beam. Variant made from PC.

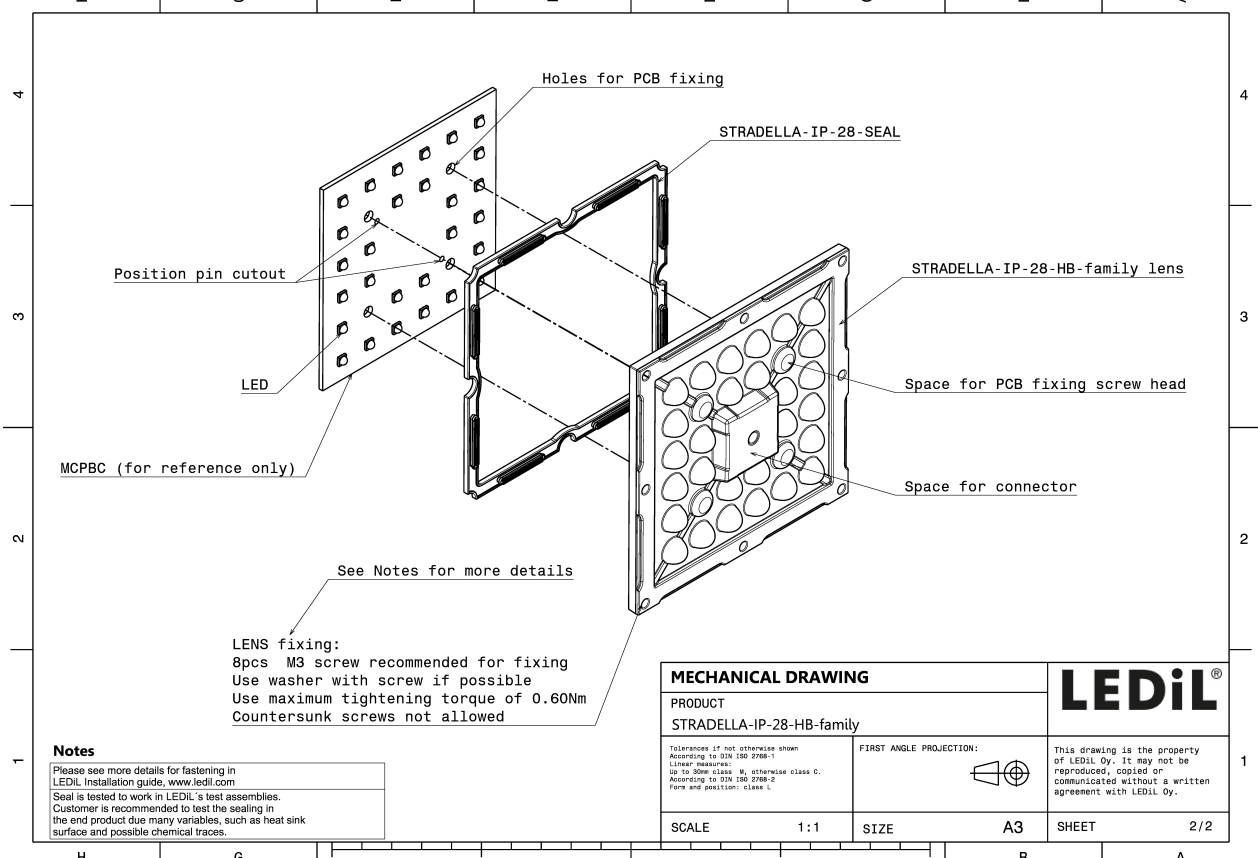
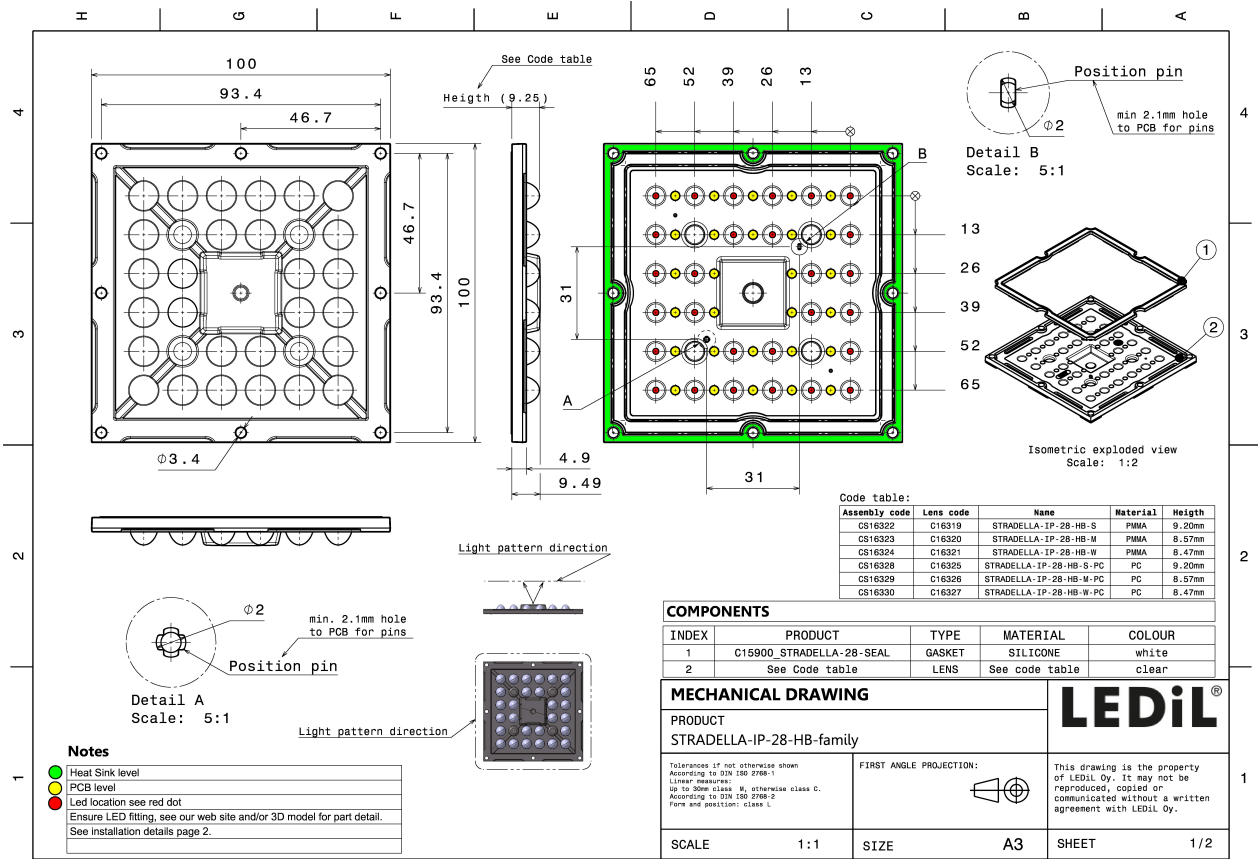
### TECHNICAL SPECIFICATIONS:

|                 |                    |
|-----------------|--------------------|
| Dimensions      | 100.0 mm           |
| Height          | 9.5 mm             |
| Fastening       | pin, screw         |
| Colour          | clear              |
| Box size        | 476 x 273 x 247 mm |
| Box weight      | 5.9 kg             |
| Quantity in Box | 156 pcs            |
| ROHS compliant  | yes ⓘ              |



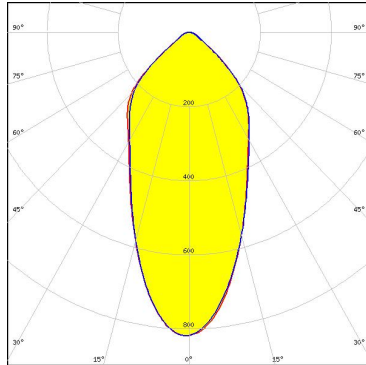

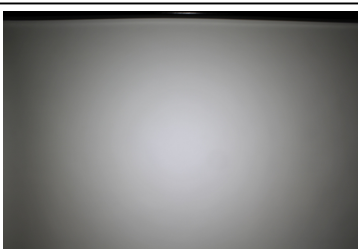
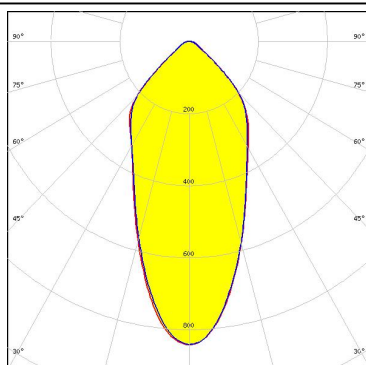

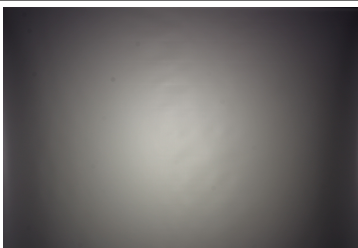
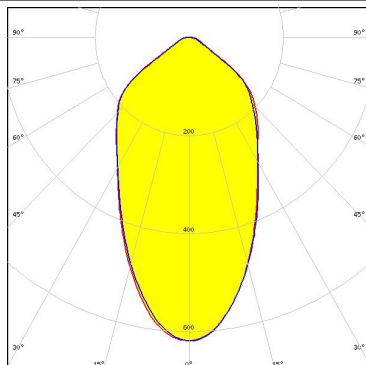


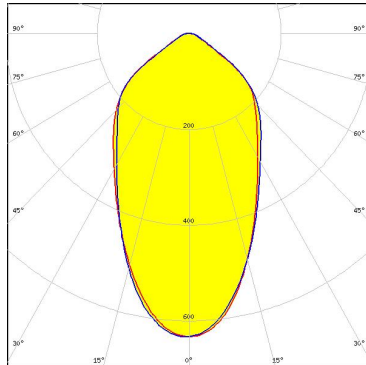


### MATERIAL SPECIFICATIONS:

| Component               | Type       | Material | Colour |
|-------------------------|------------|----------|--------|
| STRADELLA-IP-28-HB-M-PC | Multi-lens | PC       | clear  |
| STRADELLA-28-SEAL       | Seal       | Silicone | white  |



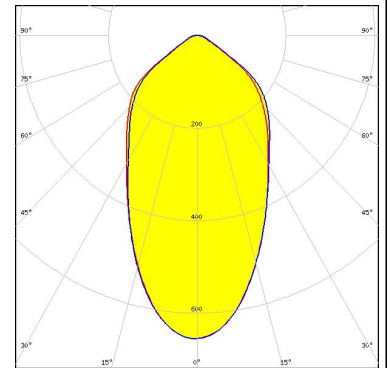
#### PHOTOMETRIC DATA (MEASURED):

|   |  |   |
|---|--|---|
| <p></p> <p>LED HiQLED STR28 CR JE2835 4x7 xxx<br/>           FWHM 48.0°<br/>           Efficiency 89 %<br/>           Peak intensity 0.820 cd/lm<br/>           LEDs/each optic 1<br/>           Light colour White<br/>           Required components:</p>   |    |    |
| <p></p> <p>LED HiQLED STR28 CR JÐš3030 4x7 xxx<br/>           FWHM 46.0°<br/>           Efficiency 88 %<br/>           Peak intensity 0.840 cd/lm<br/>           LEDs/each optic 1<br/>           Light colour White<br/>           Required components:</p>  |   |   |
| <p></p> <p>LED QUICK FLUX STR28 XD2x14 xxx G8<br/>           FWHM 58.0°<br/>           Efficiency 88 %<br/>           Peak intensity 0.620 cd/lm<br/>           LEDs/each optic 1<br/>           Light colour White<br/>           Required components:</p> |  |  |
| <p></p> <p>LED QUICK FLUX STR28 XP2x14 xxx G7<br/>           FWHM 59.0°<br/>           Efficiency 90 %<br/>           Peak intensity 0.630 cd/lm<br/>           LEDs/each optic 1<br/>           Light colour White<br/>           Required components:</p> |  |  |

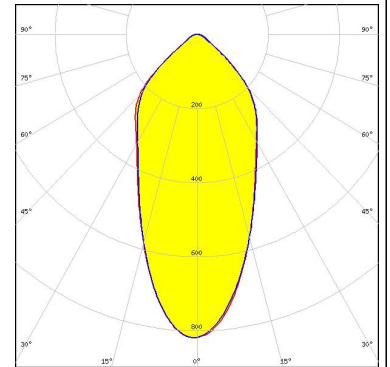
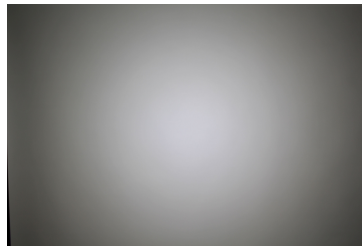
#### PHOTOMETRIC DATA (MEASURED):



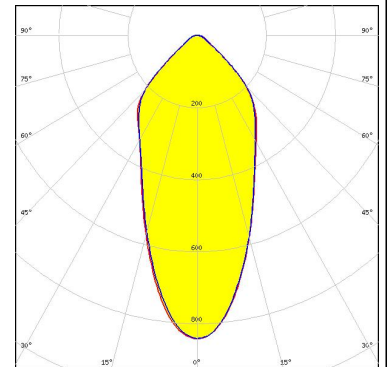
**LED** QUICK FLUX STR28 XT2x14 xxx G5  
**FWHM** 58.0°  
**Efficiency** 91 %  
**Peak intensity** 0.660 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**



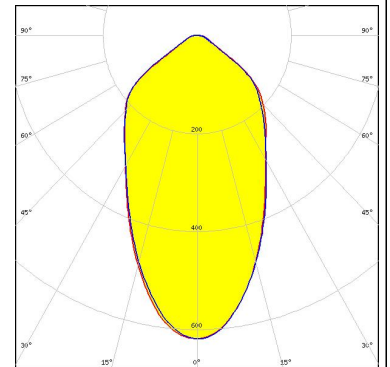
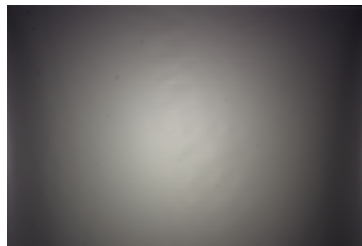
**LED** J Series 2835  
**FWHM** 48.0°  
**Efficiency** 89 %  
**Peak intensity** 0.820 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**



**LED** J Series 3030  
**FWHM** 46.0°  
**Efficiency** 88 %  
**Peak intensity** 0.840 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**



**LED** XD16  
**FWHM** 58.0°  
**Efficiency** 88 %  
**Peak intensity** 0.620 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**

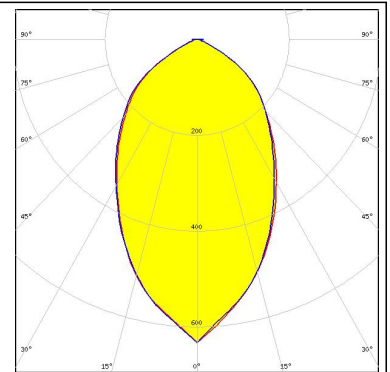




#### PHOTOMETRIC DATA (MEASURED):

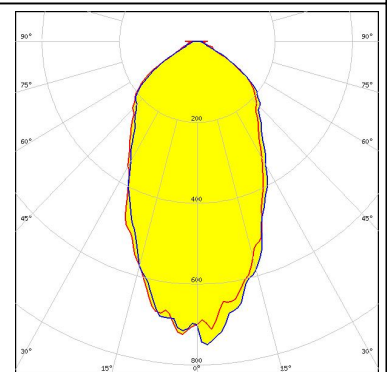
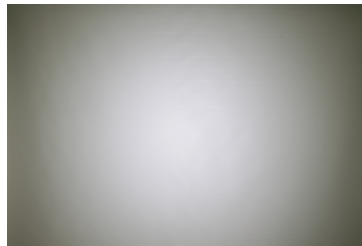
**CREE** 

LED XP-G3  
 FWHM 59.0°  
 Efficiency 90 %  
 Peak intensity 0.630 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



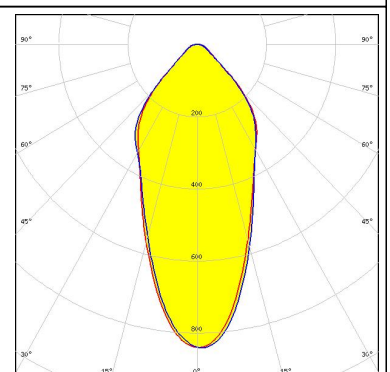
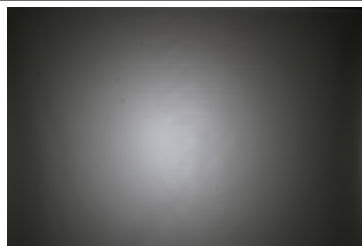
**CREE** 

LED XT-E  
 FWHM 58.0°  
 Efficiency 91 %  
 Peak intensity 0.660 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



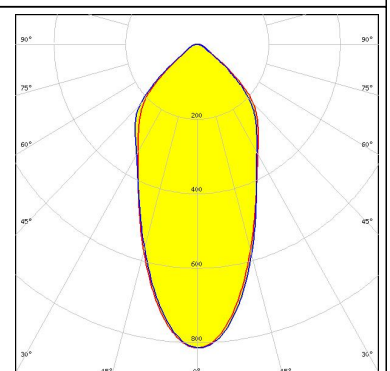
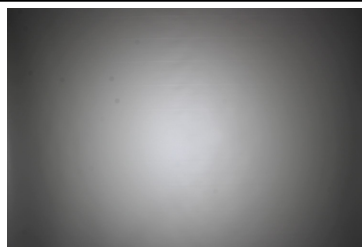
**SAMSUNG**

LED HiLOM SC28 (LH181B)  
 FWHM 46.0°  
 Efficiency 87 %  
 Peak intensity 0.840 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



**SAMSUNG**

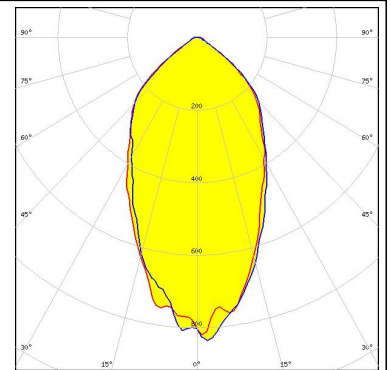
LED HiLOM SM28 (LM301B)  
 FWHM 48.0°  
 Efficiency 89 %  
 Peak intensity 0.810 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### PHOTOMETRIC DATA (SIMULATED):

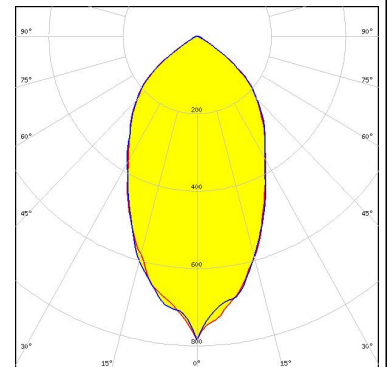
##### LUMILEDS

LED LUXEON 3030 2D (Round LES)  
 FWHM 53.0°  
 Efficiency 89 %  
 Peak intensity 0.862 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



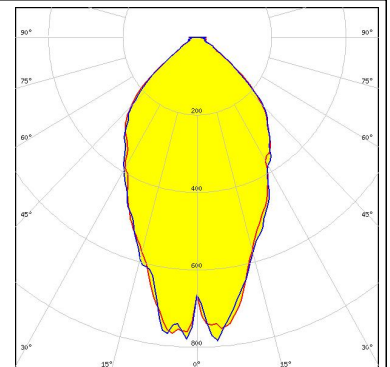
##### NICHIA

LED NF2x757G  
 FWHM 57.0°  
 Efficiency 94 %  
 Peak intensity 0.790 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



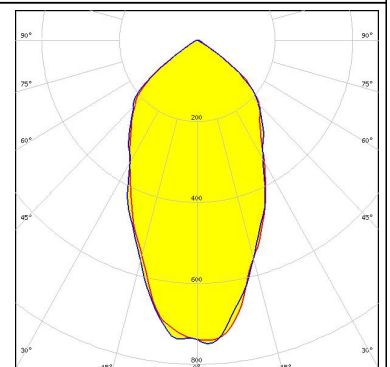
##### NICHIA

LED NVSxE21A  
 FWHM 55.0°  
 Efficiency 89 %  
 Peak intensity 0.802 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



##### OSRAM Opto Semiconductors

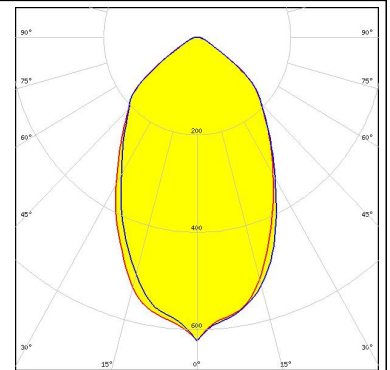
LED OSCONIQ P 3737 (2W version)  
 FWHM 56.0°  
 Efficiency 90 %  
 Peak intensity 0.755 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### PHOTOMETRIC DATA (SIMULATED):

**OSRAM**  
Opto Semiconductors

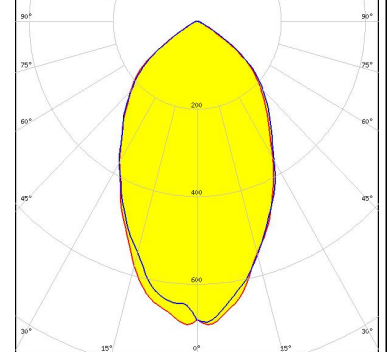
LED OSLON Square CSSRM2/CSSRM3  
 FWHM 64.0°  
 Efficiency 88 %  
 Peak intensity 0.620 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



**SEOL**

SEOUL SEMICONDUCTOR

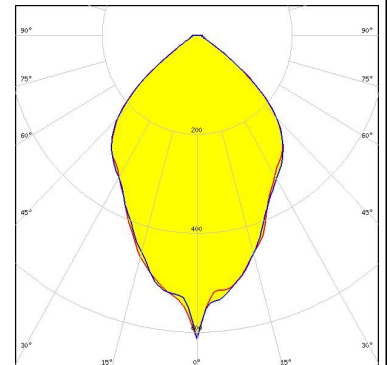
LED Z5M1/Z5M2  
 FWHM 63.0°  
 Efficiency 92 %  
 Peak intensity 0.720 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



**SEOL**

SEOUL SEMICONDUCTOR

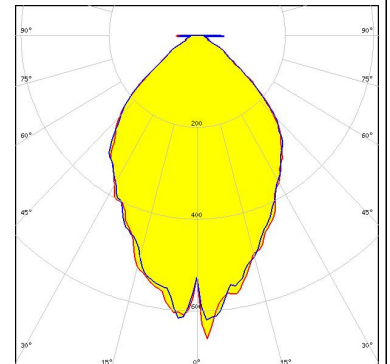
LED Z8Y19  
 FWHM 73.0°  
 Efficiency 88 %  
 Peak intensity 0.610 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



**SEOL**

SEOUL SEMICONDUCTOR

LED Z8Y22  
 FWHM 71.0°  
 Efficiency 89 %  
 Peak intensity 0.653 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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