

STRADELLA-8-HV-HB-M

~65° medium beam for industrial applications.
Variant with improved creepage distance for high voltage circuit designs.

TECHNICAL SPECIFICATIONS:

| | |
|----------------|----------------|
| Dimensions | 49.5 x 49.5 mm |
| Height | 5.7 mm |
| Fastening | pin, screw |
| ROHS compliant | yes ⓘ |

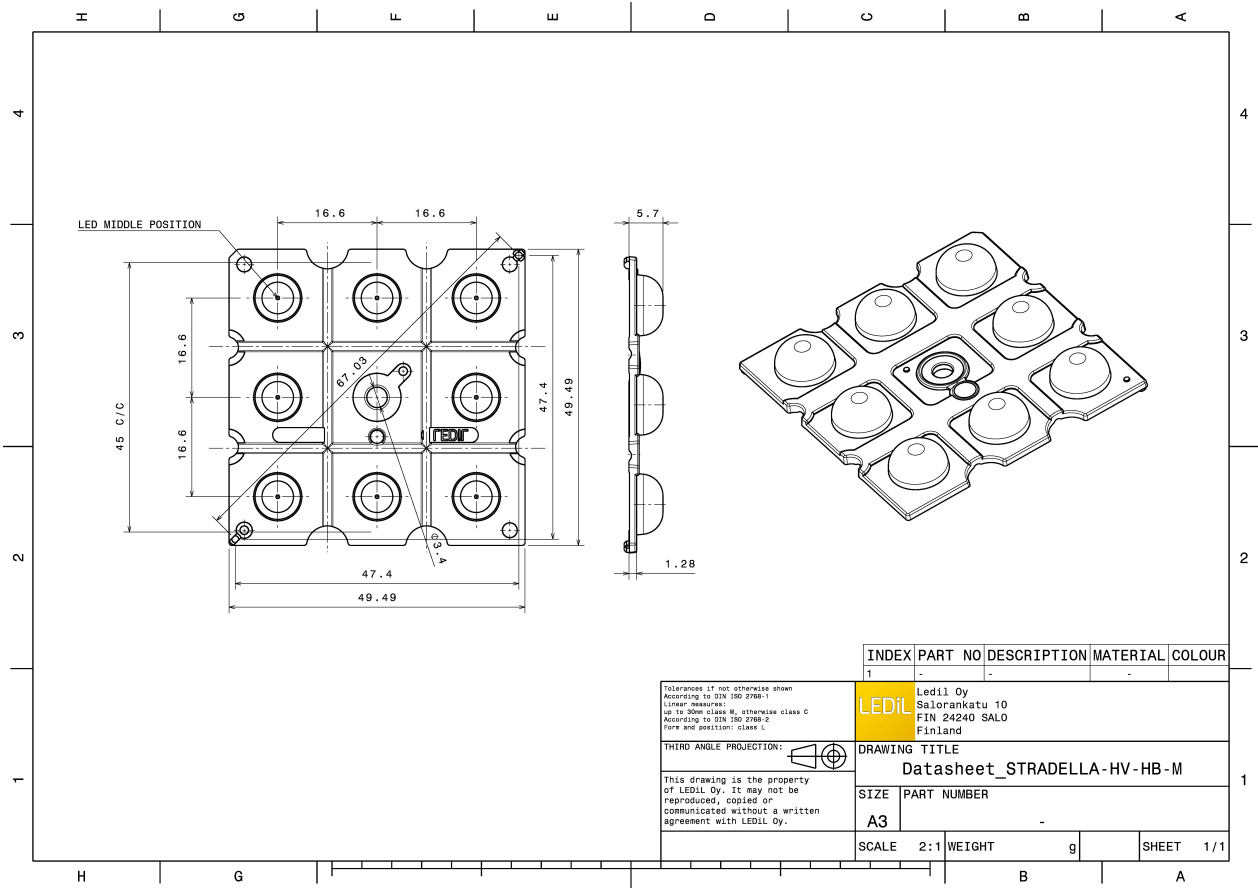


MATERIAL SPECIFICATIONS:

| Component | Type | Material | Colour | Finish |
|---------------------|------------|----------|--------|--------|
| STRADELLA-8-HV-HB-M | Multi-lens | PMMA | clear | |

ORDERING INFORMATION:

| Component | Qty in box | MOQ | MPQ | Box weight (kg) |
|--|------------|-----|-----|-----------------|
| C15984_STRADELLA-8-HV-HB-M » Box size: 480 x 280 x 300 mm | 800 | 160 | 160 | 4.4 |

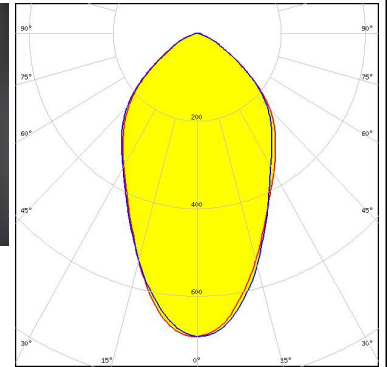


See also our general installation guide: www.ledil.com/installation_guide

PHOTOMETRIC DATA (MEASURED):

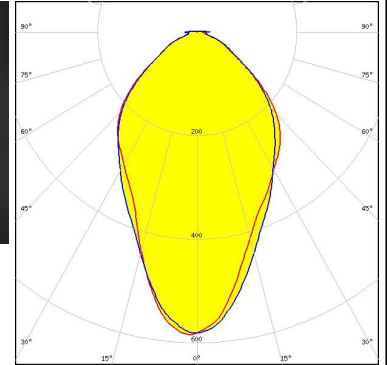
CREE LED

LED J Series 3030
 FWHM / FWTM 62.0° / 123.0°
 Efficiency 97 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



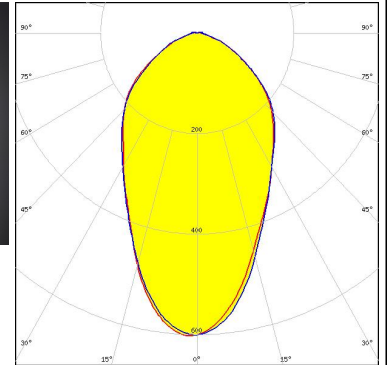
CREE LED

LED XD16
 FWHM / FWTM 64.0° / 132.0°
 Efficiency 92 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



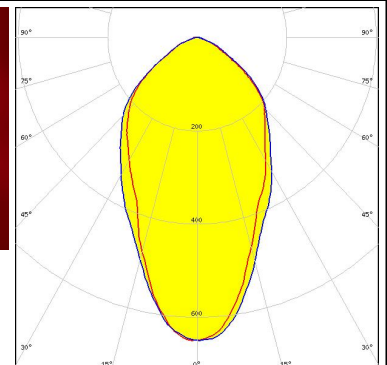
CREE LED

LED XT-E
 FWHM / FWTM 62.0° / 137.0°
 Efficiency 94 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LUMINUS

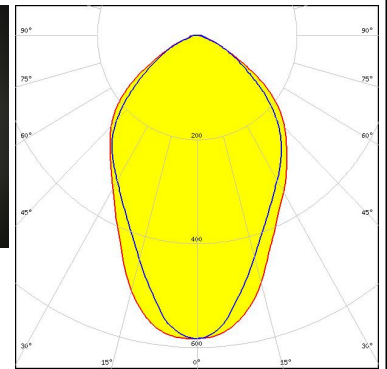
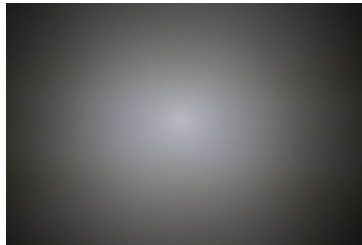
LED SST-10-B130
 FWHM / FWTM 59.0° / 126.0°
 Efficiency 94 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour Deep Red
 Required components:



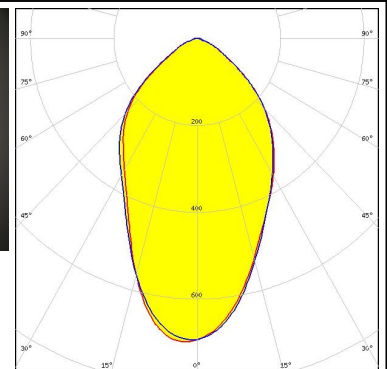
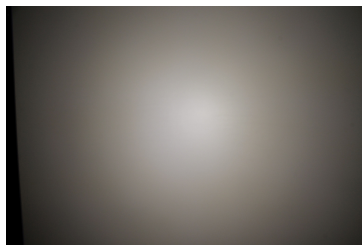
PHOTOMETRIC DATA (MEASURED):



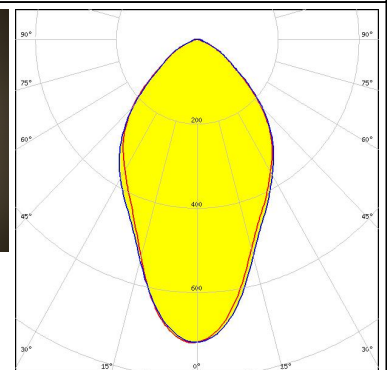
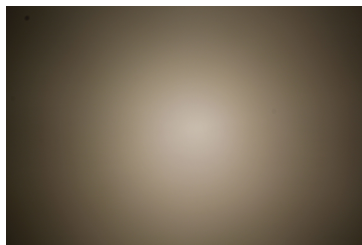
LED NF2W585AR
 FWHM / FWTM 73.0° / 132.0°
 Efficiency 94 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



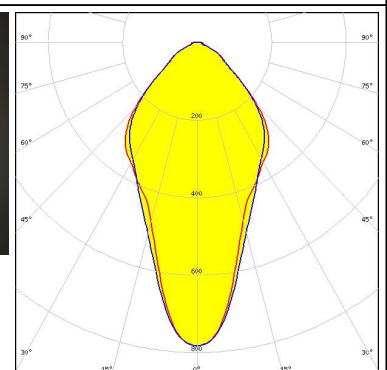
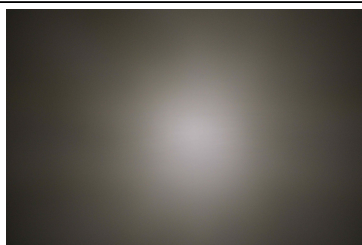
LED OSCONIQ S 3030
 FWHM / FWTM 63.0° / 121.0°
 Efficiency 94 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:




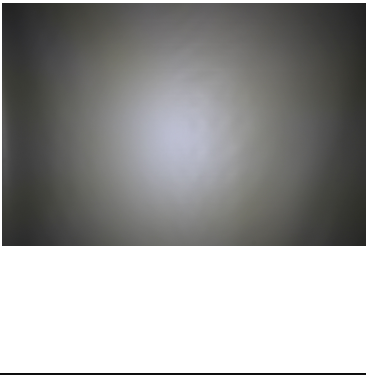


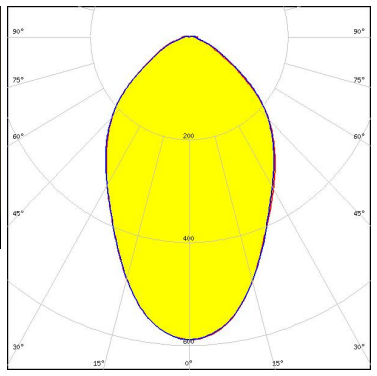


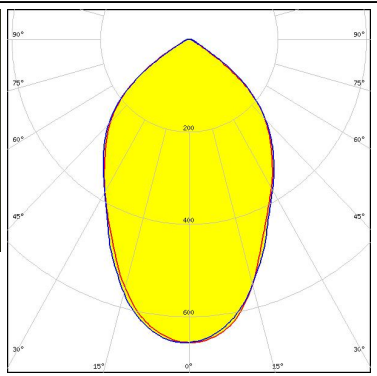

LED Fortimo FastFlex LED 4x8up PR G5
 FWHM / FWTM 60.0° / 122.0°
 Efficiency 94 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LH151B
 FWHM / FWTM 49.0° / 118.0°
 Efficiency 93 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

| | | |
|---|--|---|
| <p> SEOL SEMICONDUCTOR</p> <p>LED: SEOUL DC 3030C</p> <p>FWHM / FWTM: 60.0° / 121.0°</p> <p>Efficiency: 94 %</p> <p>Peak intensity: 0.7 cd/m</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p> |  | |
| <p> SEOL SEMICONDUCTOR</p> <p>LED: Z5M3</p> <p>FWHM / FWTM: 71.0° / 132.0°</p> <p>Efficiency: 94 %</p> <p>Peak intensity: 0.6 cd/m</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p> |  |  |
| <p> SEOL SEMICONDUCTOR</p> <p>LED: Z5M4</p> <p>FWHM / FWTM: 71.0° / 118.0°</p> <p>Efficiency: 98 %</p> <p>Peak intensity: 0.7 cd/m</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p> |  |  |
| <p> SEOL SEMICONDUCTOR</p> <p>LED: Z8Y19</p> <p>FWHM / FWTM: 80.0° / 130.0°</p> <p>Efficiency: 91 %</p> <p>Peak intensity: 0.5 cd/m</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p> | | |

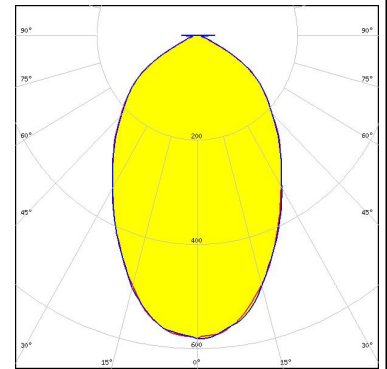
PHOTOMETRIC DATA (MEASURED):

| | |
|---|----------------|
|  | |
| SEOUL SEMICONDUCTOR | |
| LED | Z8Y22 |
| FWHM / FWTM | 81.0° / 131.0° |
| Efficiency | 91 % |
| Peak intensity | 0.5 cd/m |
| LEDs/each optic | 1 |
| Light colour | White |
| Required components: | |

PHOTOMETRIC DATA (SIMULATED):

CREE LED

LED XP-G2 HE
 FWHM / FWTM 70.0° / 128.0°
 Efficiency 95 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

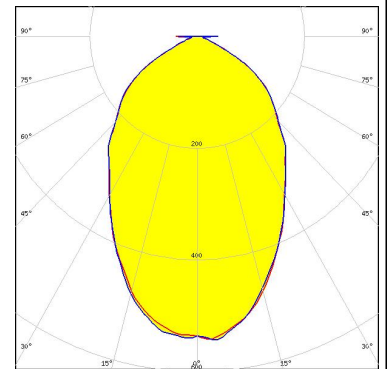


CREE LED

LED XP-G3
 FWHM / FWTM 72.0° / 132.0°
 Efficiency 91 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

CREE LED

LED XP-G3
 FWHM / FWTM 74.0° / 132.0°
 Efficiency 95 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LUMILEDS

LED LUXEON 3535L HE
 FWHM / FWTM 52.0° / 122.0°
 Efficiency 93 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

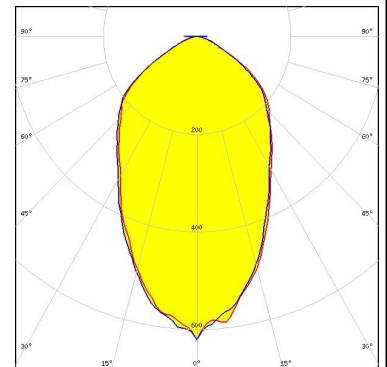
PHOTOMETRIC DATA (SIMULATED):

LUMILEDS

LED LUXEON HR30
 FWHM / FWTM 54.0° / 121.0°
 Efficiency 93 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

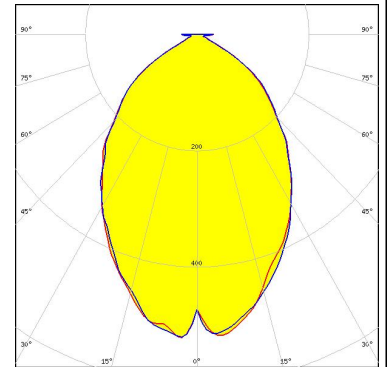
LUMILEDS

LED LUXEON TX
 FWHM / FWTM 61.0° / 128.0°
 Efficiency 94 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



NICHIA

LED NVSW519A
 FWHM / FWTM 78.0° / 124.0°
 Efficiency 92 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



NICHIA

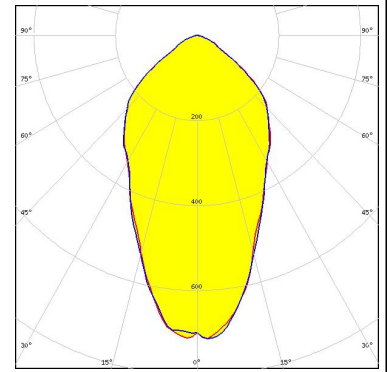
LED NVSxx19B/NVSxx19C
 FWHM / FWTM 65.0° / 124.0°
 Efficiency 91 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

PHOTOMETRIC DATA (SIMULATED):

OSRAM

Opto Semiconductors

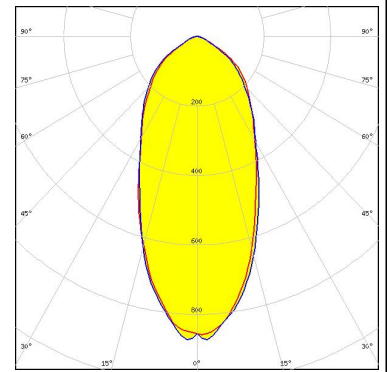
LED OSCONIQ C 2424
 FWHM / FWTM 57.0° / 119.0°
 Efficiency 96 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

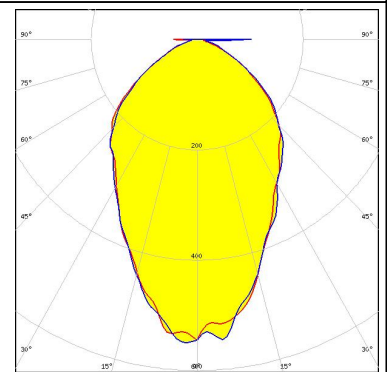
Opto Semiconductors

LED OSCONIQ P 3030
 FWHM / FWTM 49.0° / 119.0°
 Efficiency 97 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



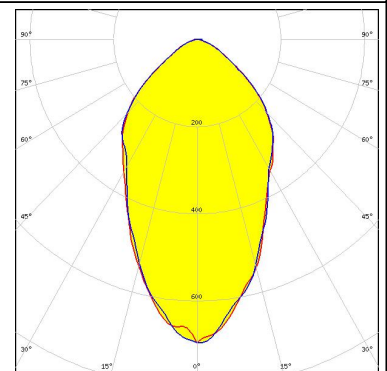
SAMSUNG

LED LH181A
 FWHM / FWTM 67.0° / 135.0°
 Efficiency 94 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SAMSUNG

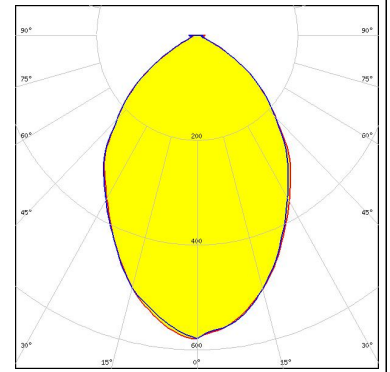
LED LH181B
 FWHM / FWTM 59.0° / 122.0°
 Efficiency 94 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



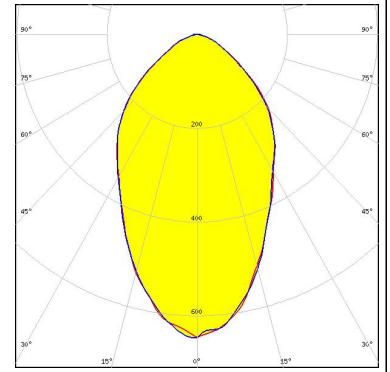
PHOTOMETRIC DATA (SIMULATED):

SAMSUNG

LED LH351D
FWHM / FWTM 79.0° / 124.0°
Efficiency 94 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEOUL SEMICONDUCTOR
LED Z8Y22T
FWHM / FWTM 64.0° / 125.0°
Efficiency 94 %
Peak intensity 0.7 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.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

LEDiL Oy

Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Ledil Optics Technology (Shenzhen) Co., Ltd.

405 , Block B
Casic Motor Building
Shenzhen 518057
P.R.CHINA

Local sales and technical support

[www.ledil.com/
where_to_buy](http://www.ledil.com/where_to_buy)

Shipping locations

Salo, Finland
Hong Kong, China

Distribution Partners

[www.ledil.com/
where_to_buy](http://www.ledil.com/where_to_buy)