# STRADA-2X2-5050-T2-C2

**IESNA Type II (medium) beam with added house side backlight. Designed for tilted and long armatures. Variant optimized for flat 5050 size LED packages.**




## TECHNICAL SPECIFICATIONS:

| | |
|---|---|
| Dimensions | 50.0 x 50.0 mm |
| Height | 7.4 mm |
| ROHS compliant | yes |

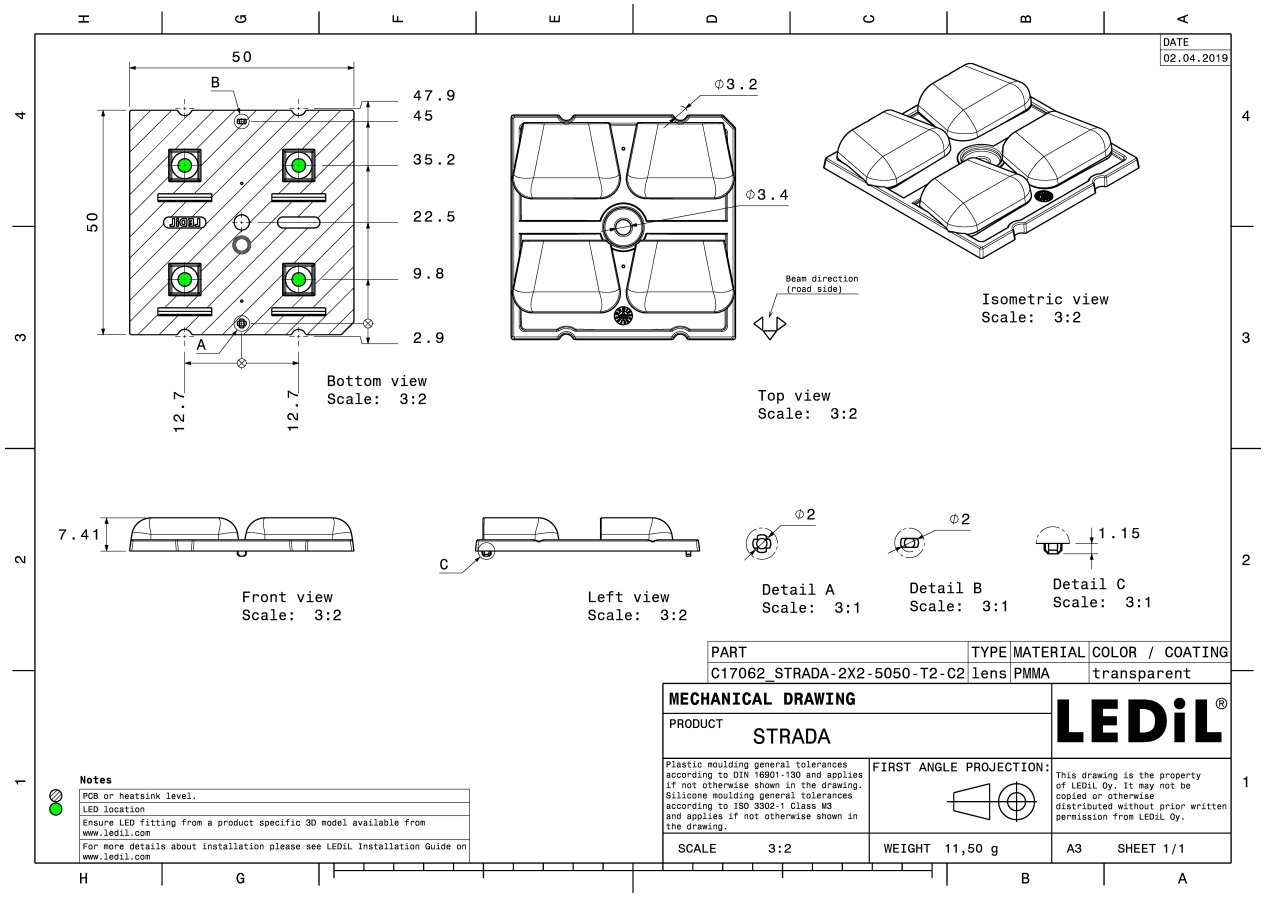
## MATERIAL SPECIFICATIONS:

| Component | Type | Material | Colour | Finish |
|---|---|---|---|---|
| STRADA-2X2-5050-T2-C2 | Multi-lens | PMMA | clear | |

## ORDERING INFORMATION:

| Component | Qty in box | MOQ | MPQ | Box weight (kg) |
|---|---|---|---|---|
| C17062_STRADA-2X2-5050-T2-C2<br>» Box size: 480 x 280 x 300 mm | 800 | 160 | 160 | 10.0 |


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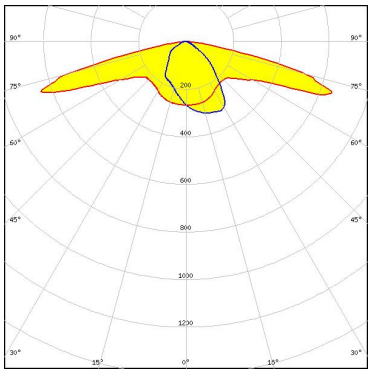

See also our general installation guide: [www.ledil.com/installation_guide](www.ledil.com/installation_guide)


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## PHOTOMETRIC DATA (MEASURED):

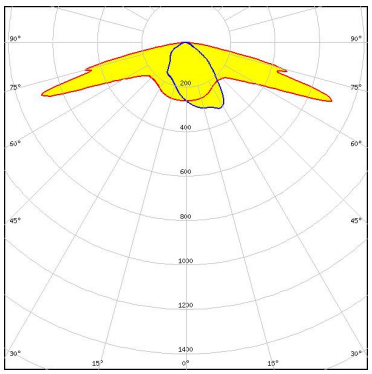
**LUMILEDS**

| | |
|---|---|
| LED | LUXEON XR-5050 SQR (L213-xxxx016MRH001) |
| FWHM / FWTM | Asymmetric |
| Efficiency | 96 % |
| Peak intensity | 0.9 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |
| Required components: | |



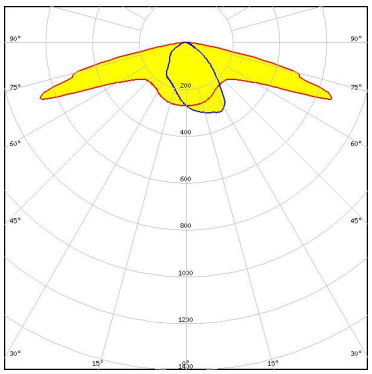
**MST** *Your solutions*

| | |
|---|---|
| LED | RecLED 173x50mm 2900lm 740 2x6 5050 Opt G1 |
| FWHM / FWTM | Asymmetric |
| Efficiency | 96 % |
| Peak intensity | 0.9 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |
| Required components: | |



**PHILIPS**

| | |
|---|---|
| LED | Fortimo FastFlex LED 2x8 DA HE |
| FWHM / FWTM | Asymmetric |
| Efficiency | 96 % |
| Peak intensity | 0.9 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |
| Required components: | |



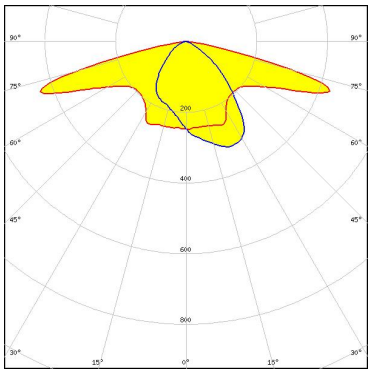

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## PHOTOMETRIC DATA (SIMULATED):

CREE LED

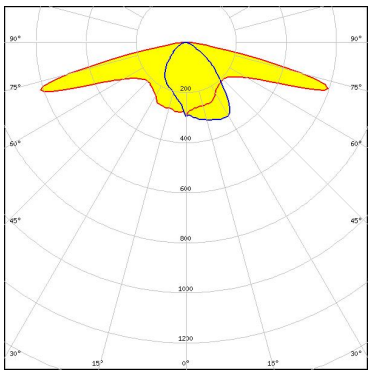
| | |
|---|---|
| LED | J Series 5050 Round LES |
| FWHM / FWTM | 153.0 + 77.0° / 162.0 + 123.0° |
| Efficiency | 83 % |
| Peak intensity | 0.5 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |
| Required components: | |

Protective plate, glass



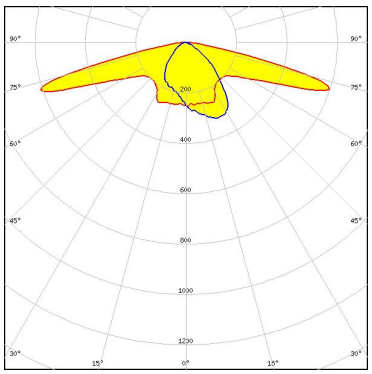
CREE LED

| | |
|---|---|
| LED | J Series 5050 Round LES |
| FWHM / FWTM | Asymmetric |
| Efficiency | 96 % |
| Peak intensity | 0.8 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |
| Required components: | |



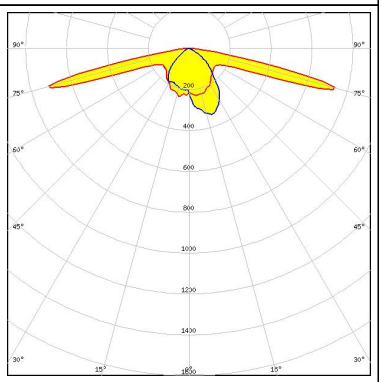
CREE LED

| | |
|---|---|
| LED | J Series 5050 Round LES |
| FWHM / FWTM | 154.0 + 77.0° / 166.0 + 125.0° |
| Efficiency | 93 % |
| Peak intensity | 0.8 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |
| Required components: | |



CREE LED

| | |
|---|---|
| LED | XP-G2 |
| FWHM / FWTM | Asymmetric |
| Efficiency | 90 % |
| Peak intensity | 1 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |
| Required components: | |

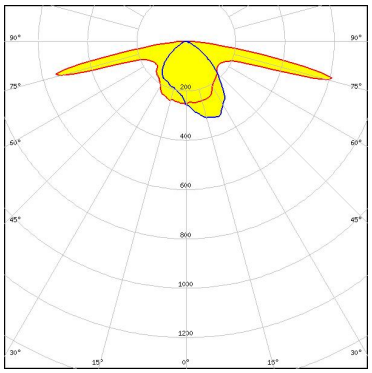



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## PHOTOMETRIC DATA (SIMULATED):

CREE LED

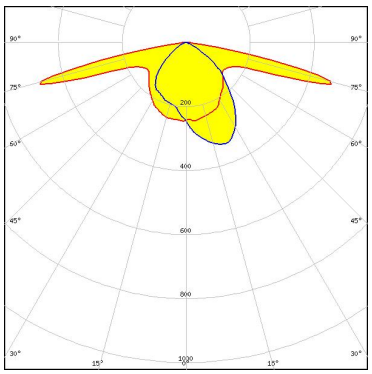
| | |
|---|---|
| LED | XP-G2 HE |
| FWHM / FWTM | Asymmetric |
| Efficiency | 89 % |
| Peak intensity | 0.8 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |
| Required components: | |



CREE LED

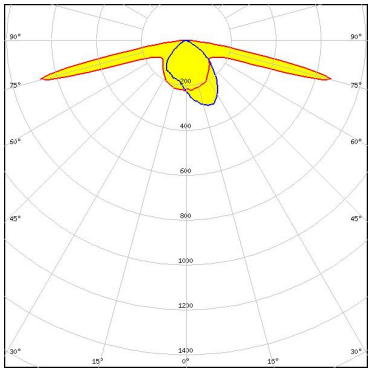
| | |
|---|---|
| LED | XP-G3 |
| FWHM / FWTM | Asymmetric |
| Efficiency | 82 % |
| Peak intensity | 0.6 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |
| Required components: | |

Protective plate, glass



CREE LED

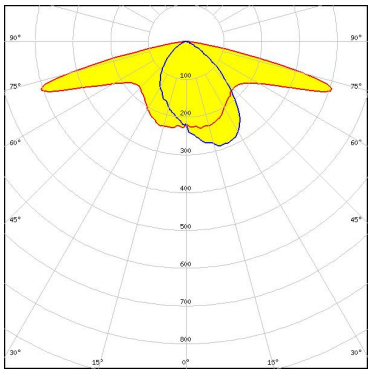
| | |
|---|---|
| LED | XP-G3 |
| FWHM / FWTM | Asymmetric |
| Efficiency | 84 % |
| Peak intensity | 1.1 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |
| Required components: | |



LUMILEDS

| | |
|---|---|
| LED | LUXEON 5050 HE |
| FWHM / FWTM | Asymmetric |
| Efficiency | 74 % |
| Peak intensity | 0.5 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |
| Required components: | |

Protective plate, glass



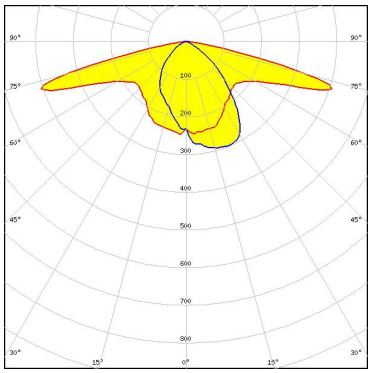

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## PHOTOMETRIC DATA (SIMULATED):

LUMILEDS

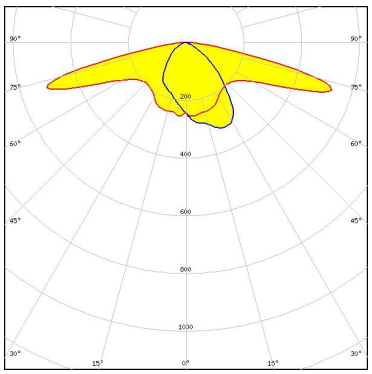
| | |
|---|---|
| LED | LUXEON 5050 Round LES |
| FWHM / FWTM | Asymmetric |
| Efficiency | 74 % |
| Peak intensity | 0.5 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |
| Required components: | |

Protective plate, glass



LUMILEDS

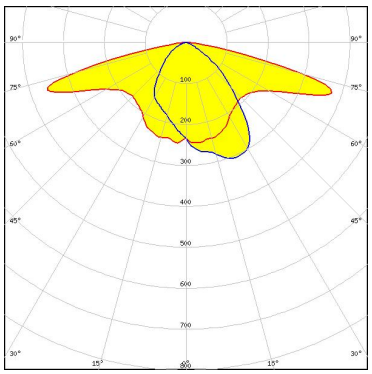
| | |
|---|---|
| LED | LUXEON 5050 Square LES |
| FWHM / FWTM | Asymmetric |
| Efficiency | 91 % |
| Peak intensity | 0.6 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |
| Required components: | |



LUMILEDS

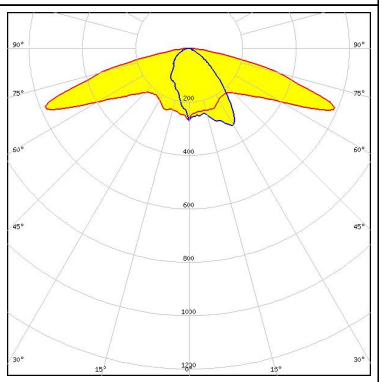
| | |
|---|---|
| LED | LUXEON 5050 Square LES |
| FWHM / FWTM | Asymmetric |
| Efficiency | 78 % |
| Peak intensity | 0.5 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |
| Required components: | |

Protective plate, glass



NICHIA

| | |
|---|---|
| LED | NVSxE21A |
| FWHM / FWTM | Asymmetric |
| Efficiency | 91 % |
| Peak intensity | 0.6 cd/lm |
| LEDs/each optic | 4 |
| Light colour | White |
| Required components: | |

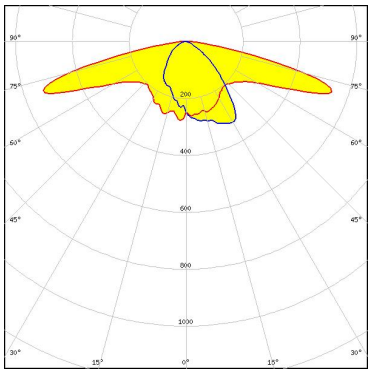



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## PHOTOMETRIC DATA (SIMULATED):

OSRAM Opto Semiconductors

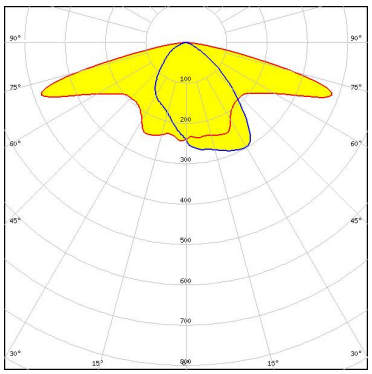
| | |
|---|---|
| LED | Duris S8 |
| FWHM / FWTM | Asymmetric |
| Efficiency | 92 % |
| Peak intensity | 0.6 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |
| Required components: | |



OSRAM Opto Semiconductors

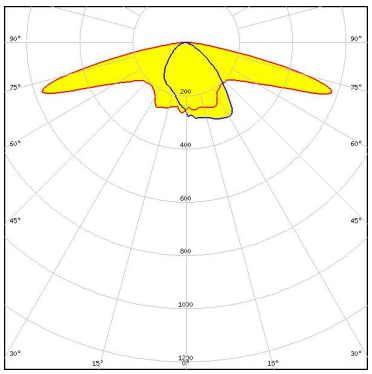
| | |
|---|---|
| LED | OSCONIQ S 5050 |
| FWHM / FWTM | Asymmetric |
| Efficiency | 79 % |
| Peak intensity | 0.4 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |
| Required components: | |

Protective plate, glass



OSRAM Opto Semiconductors

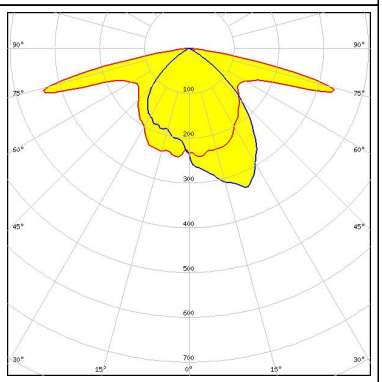
| | |
|---|---|
| LED | OSCONIQ S 5050 |
| FWHM / FWTM | Asymmetric |
| Efficiency | 93 % |
| Peak intensity | 0.7 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |
| Required components: | |



SAMSUNG

| | |
|---|---|
| LED | LH351C |
| FWHM / FWTM | Asymmetric |
| Efficiency | 74 % |
| Peak intensity | 0.5 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |
| Required components: | |

Protective plate, glass




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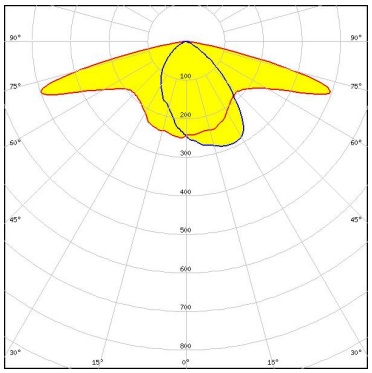
## PHOTOMETRIC DATA (SIMULATED):

SAMSUNG

| | |
|---|---|
| LED | LH502C |
| FWHM / FWTM | Asymmetric |
| Efficiency | 75 % |
| Peak intensity | 0.5 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |

Required components:

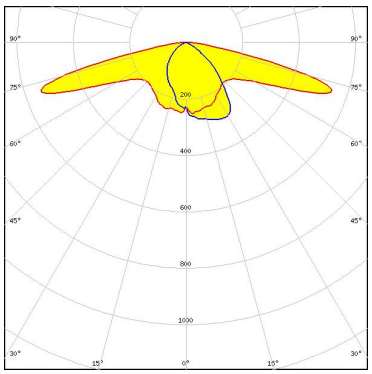
Protective plate, glass



SEOUL SEMICONDUCTOR

| | |
|---|---|
| LED | MJT 5050 |
| FWHM / FWTM | Asymmetric |
| Efficiency | 86 % |
| Peak intensity | 0.7 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |

Required components:

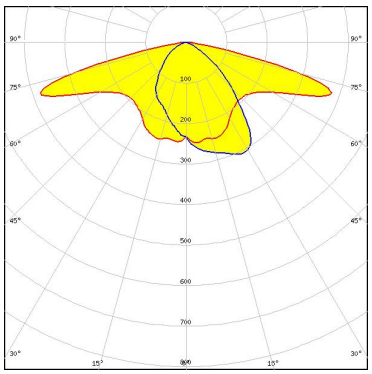


SEOUL SEMICONDUCTOR

| | |
|---|---|
| LED | SEOUL DC 5050 6V |
| FWHM / FWTM | Asymmetric |
| Efficiency | 80 % |
| Peak intensity | 0.4 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |

Required components:

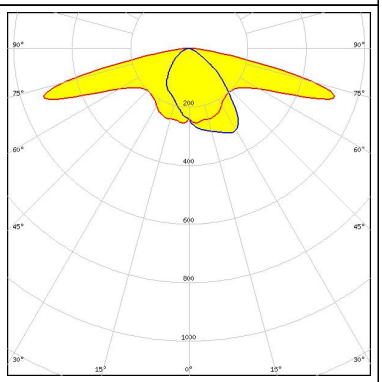
Protective plate, glass



SEOUL SEMICONDUCTOR

| | |
|---|---|
| LED | SEOUL DC 5050 6V |
| FWHM / FWTM | Asymmetric |
| Efficiency | 90 % |
| Peak intensity | 0.6 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |

Required components:




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## 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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Hong Kong, China

**Distribution Partners**
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