

STRADA-2X2MXS-DWC2

Universal road lighting beam with excellent mixed illuminance and luminance uniformity. Typically IESNA Type II Medium.

SPECIFICATION:

| | |
|----------------------------|----------------|
| Dimensions | 90.0 x 90.0 mm |
| Height | 14.4 mm |
| Fastening | screw |
| Ingress protection classes | IP67 |
| ROHS compliant | yes ⓘ |

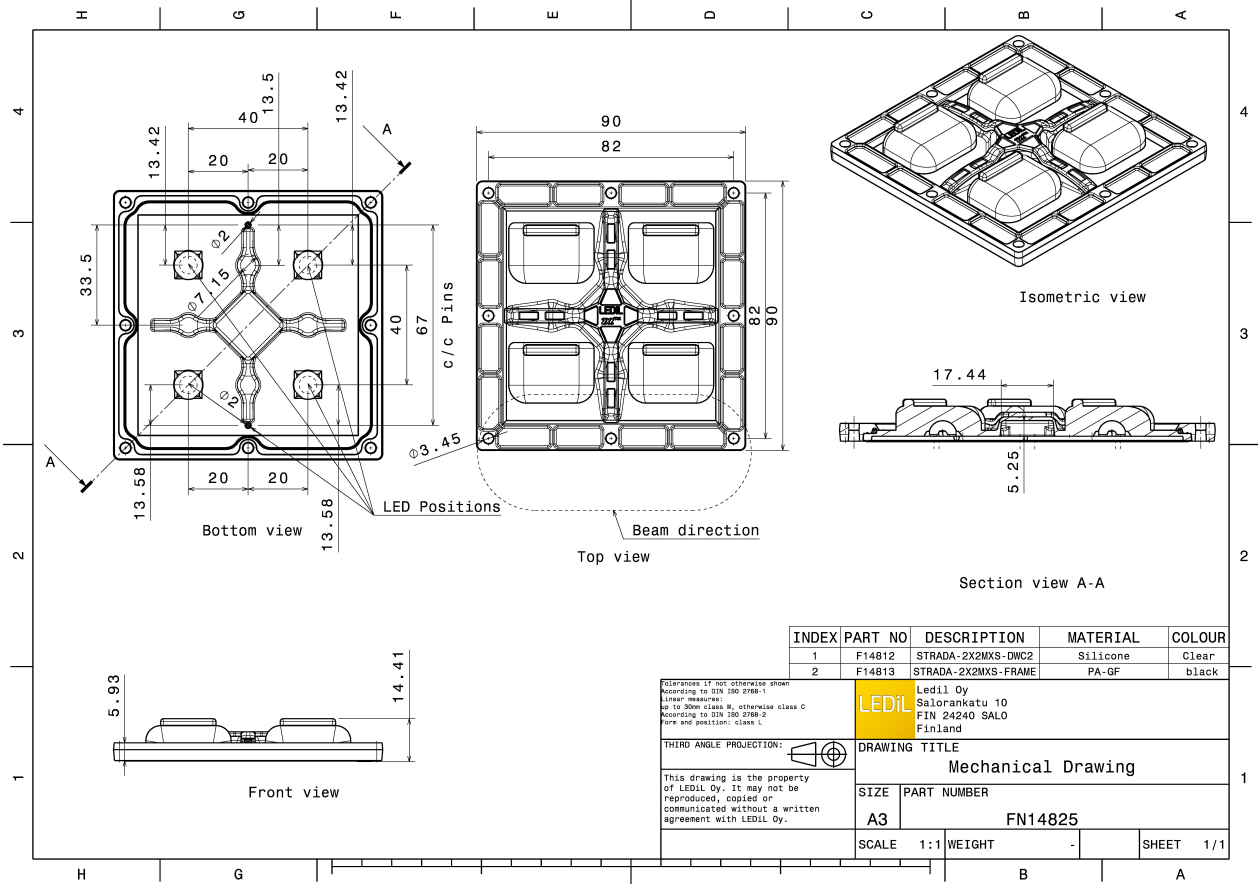


MATERIALS:

| Component | Type | Material | Colour | Finish |
|---------------------|------------|----------|--------|--------|
| STRADA-2X2MXS-DWC2 | Multi-lens | Silicone | clear | |
| STRADA-2X2MXS-FRAME | Holder | PA66 | black | |

ORDERING INFORMATION:

| Component | Type | Qty in box | MOQ | MPQ | Box weight (kg) |
|--------------------------------|------------|------------|-----|-----|-----------------|
| FP14825_STRADA-2X2MXS-DWC2 | Multi-lens | 216 | 24 | 12 | 11.3 |
| » Box size: 398 x 298 x 265 mm | | | | | |

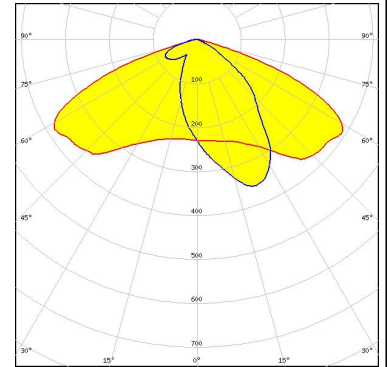


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

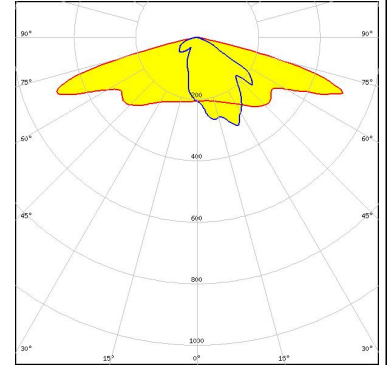
CREE LED

LED CXA/B 15xx
 FWHM / FWTM Asymmetric
 Efficiency 91 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 Bender Wirth: 441 Typ 2x2MX HV



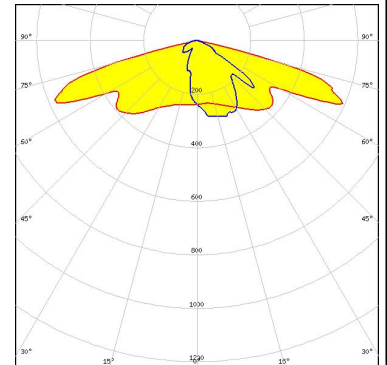
CREE LED

LED XHP35 HD
 FWHM / FWTM Asymmetric
 Efficiency 92 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



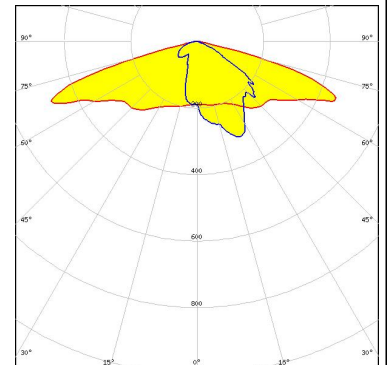
CREE LED

LED XHP35 HI
 FWHM / FWTM Asymmetric
 Efficiency 92 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE LED

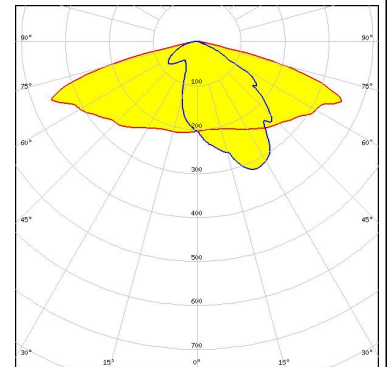
LED XHP50
 FWHM / FWTM Asymmetric
 Efficiency 92 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):

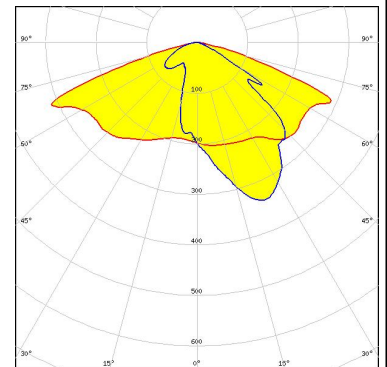
CREE LED

LED XHP70
 FWHM / FWTM Asymmetric
 Efficiency 92 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



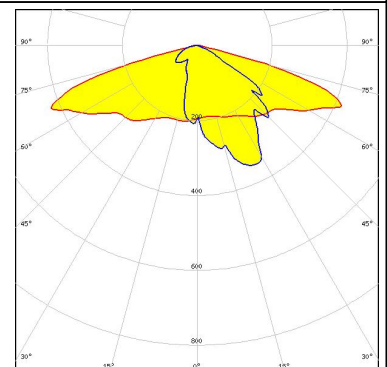
CREE LED

LED XT-E HE
 FWHM / FWTM Asymmetric
 Efficiency 91 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



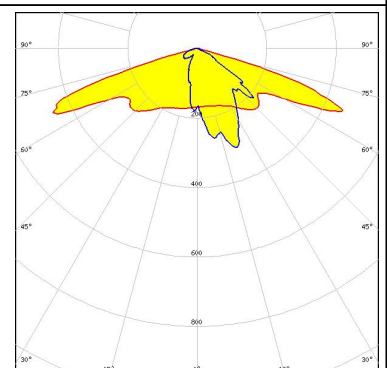
LUMILEDS

LED LUXEON M/MX
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LUMILEDS

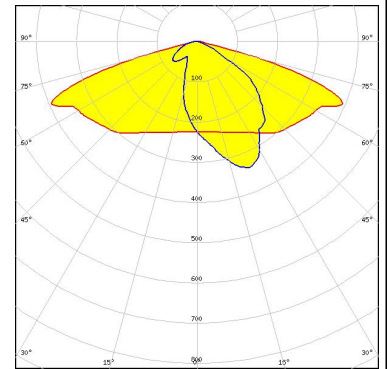
LED LUXEON MZ
 FWHM / FWTM Asymmetric
 Efficiency 75 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):

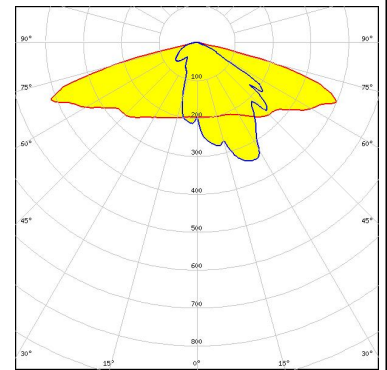
LUMILEDS

LED LUXEON XR-7070 (L224-xxxx004MLU010)
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



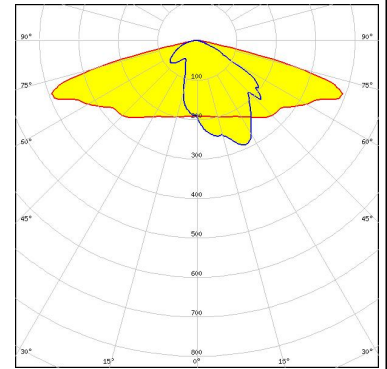
LUMILEDS

LED LUXEON XR-M Square (L2M0-xxxx004MC2200)
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



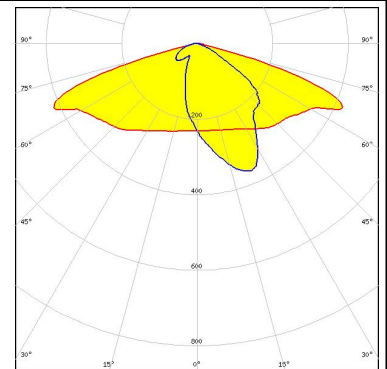
NICHIA

LED NV4x144A
 FWHM / FWTM Asymmetric
 Efficiency 91 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

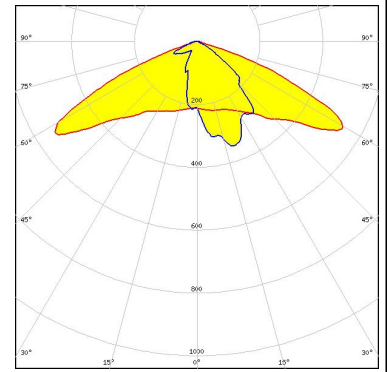
Opto Semiconductors
 LED Duris S10
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):

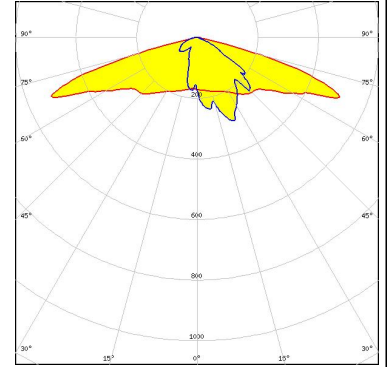
SAMSUNG

LED HiLOM SC16 (LH181B)
 FWHM / FWTM Asymmetric
 Efficiency 90 %
 Peak intensity 0.8 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



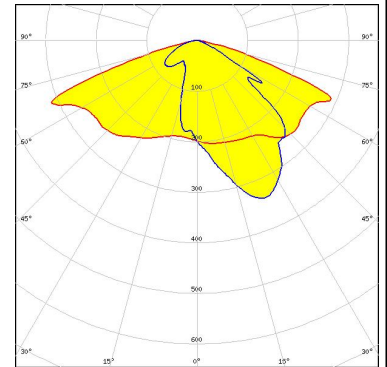
SCIOLUX

LED XLE-S22C4XD16 (XD16)
 FWHM / FWTM Asymmetric
 Efficiency 90 %
 Peak intensity 0.6 cd/m
 LEDs/each optic 4
 Light colour White
 Required components:



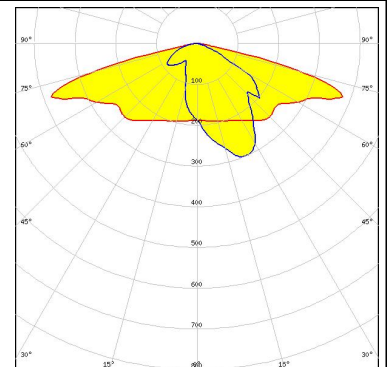
SCIOLUX

LED XLE-S22C4XTEHE (XT-E HE)
 FWHM / FWTM Asymmetric
 Efficiency 91 %
 Peak intensity 0.5 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:


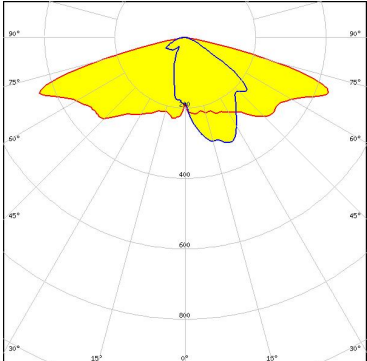
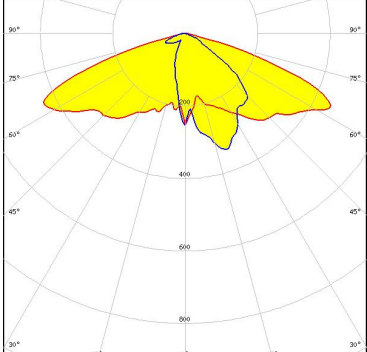

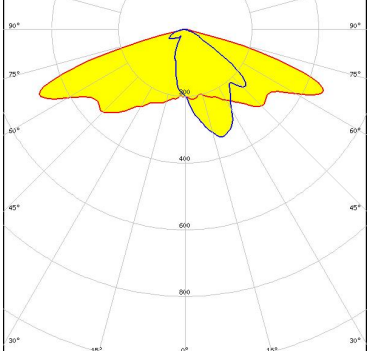

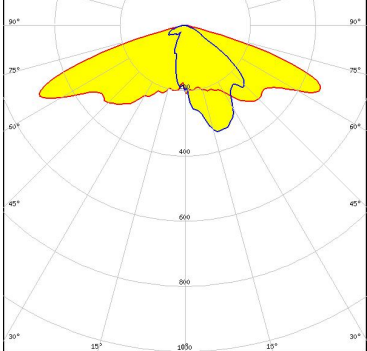


SEOUL SEMICONDUCTOR

LED WICOP 5050
 FWHM / FWTM Asymmetric
 Efficiency 91 %
 Peak intensity 0.6 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



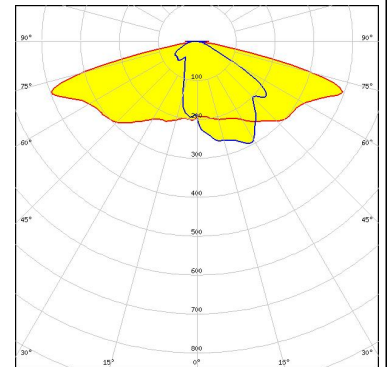
OPTICAL RESULTS (SIMULATED):

| | |
|--|---|
| <p> LED: Bridgelux SMD 5050</p> <p>FWHM / FWTM: Asymmetric</p> <p>Efficiency: 93 %</p> <p>Peak intensity: 0.5 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p> |  |
| <p>CITIZEN</p> <p>LED: CLU700/701/702/703</p> <p>FWHM / FWTM: Asymmetric</p> <p>Efficiency: 90 %</p> <p>Peak intensity: 0.6 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components: Bender Wirth: 434 Typ 2x2MX HV</p> |  |
| <p> LED: CMA1303</p> <p>FWHM / FWTM: Asymmetric</p> <p>Efficiency: 90 %</p> <p>Peak intensity: 0.6 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components: Bender Wirth: 448 Typ 2x2MX HV</p> |  |
| <p> LED: MHB-A/B</p> <p>FWHM / FWTM: Asymmetric</p> <p>Efficiency: 92 %</p> <p>Peak intensity: 0.6 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p> |  |

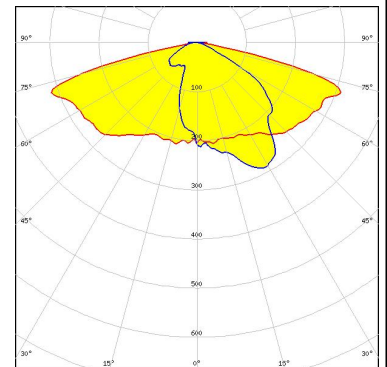
OPTICAL RESULTS (SIMULATED):



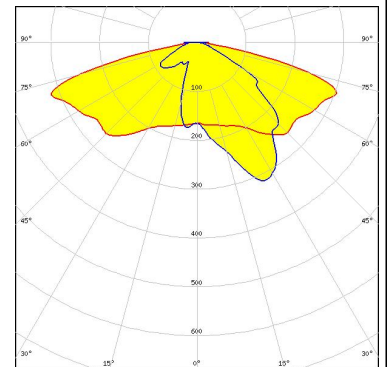
LED: XHP50.3 HD
 FWHM / FWTM: Asymmetric
 Efficiency: 94 %
 Peak intensity: 0.5 cd/lm
 LEDs/each optic: 1
 Light colour: White
 Required components:



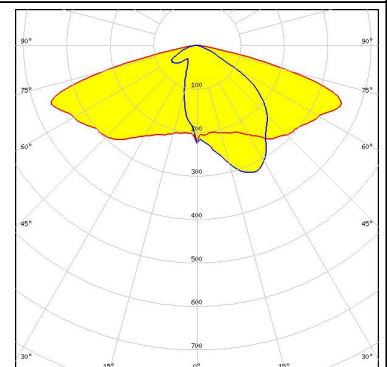
LED: XHP70.3 HD
 FWHM / FWTM: Asymmetric
 Efficiency: 87 %
 Peak intensity: 0.4 cd/lm
 LEDs/each optic: 1
 Light colour: White
 Required components:



LED: XP-G3
 FWHM / FWTM: Asymmetric
 Efficiency: 94 %
 Peak intensity: 0.4 cd/lm
 LEDs/each optic: 4
 Light colour: White
 Required components:



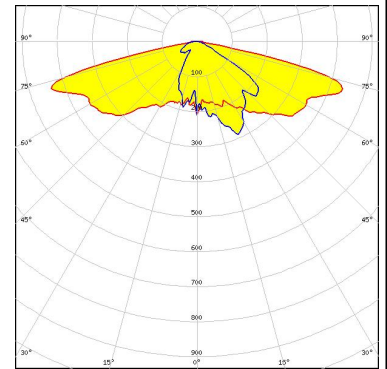
LED: LUXEON 7070
 FWHM / FWTM: Asymmetric
 Efficiency: 92 %
 Peak intensity: 0.5 cd/lm
 LEDs/each optic: 1
 Light colour: White
 Required components:



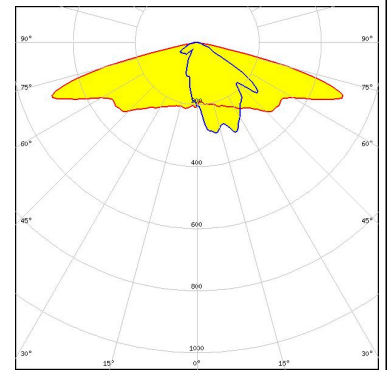
OPTICAL RESULTS (SIMULATED):



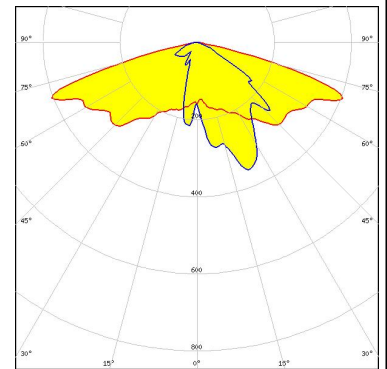
LED NFMW48xA
FWHM / FWTM Asymmetric
Efficiency 93 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NV4WB35AM
FWHM / FWTM Asymmetric
Efficiency 92 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED OSCONIQ C 2424
FWHM / FWTM Asymmetric
Efficiency 93 %
Peak intensity 0.6 cd/lm
LEDs/each optic 4
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.

Due to use of high power COB's with this product, special attention to proper thermal design is highly recommended. LEDiL has no liability for direct, indirect or consecutive damages arising from the LEDiL products being used outside of the recommended temperature range.

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.

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