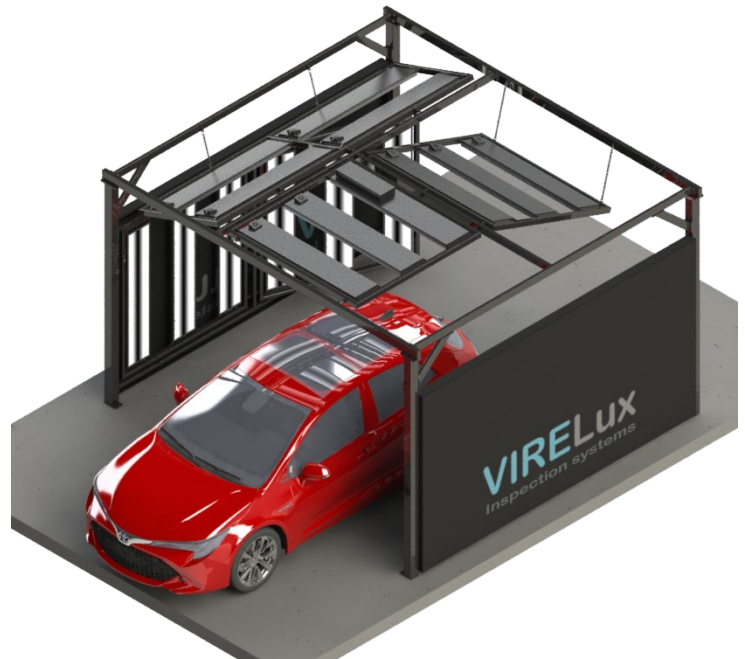


# Opti Light



**Reference:**

**OptiLight Panel audit station**

**Document :**

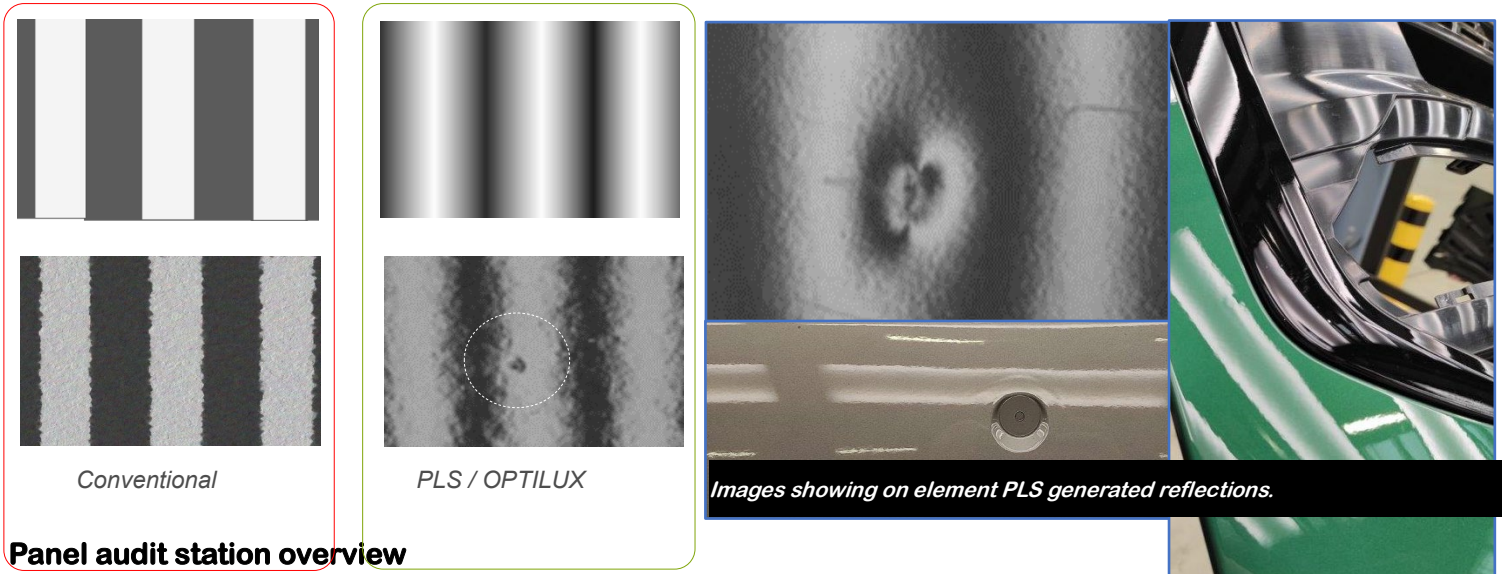
### TECHNICAL SPECIFICATIONS

#### PLS lighting systems

The here described system is equipped with the VIRELUX proprietary PLS light box design. It features a dedicated, sinusoidal profile light emission, improving operator ergonomy and visual accuracy.

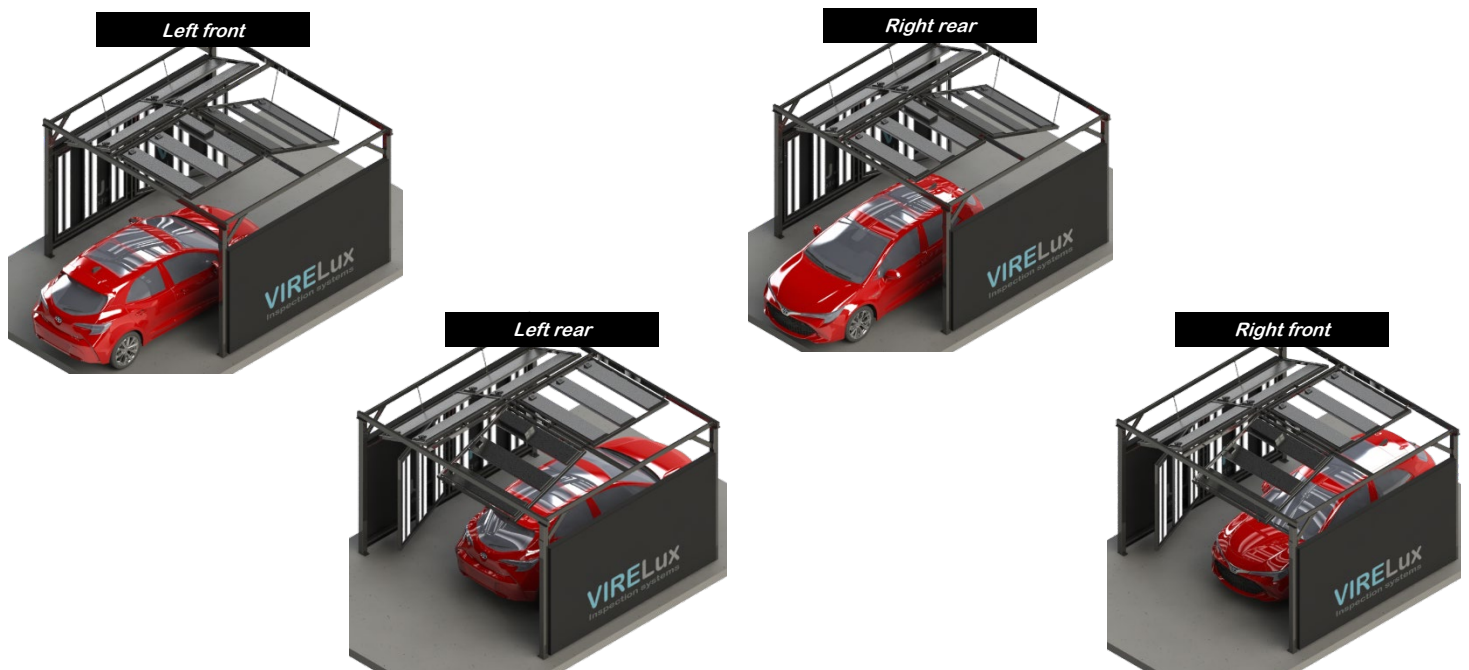
Explanation: small defects are more visible in grey level transition zones, than in stepped profile lighting, whilst additionally reducing the needed operator movements.

This generally translates to higher detection rates, and lower operator fatigue effects.



The panel audit system, available in two different sizes is designed for the inspection of up to 3 bodywork element such as a door, the hood or a fender

The equipment is adjustable to different working configuration:

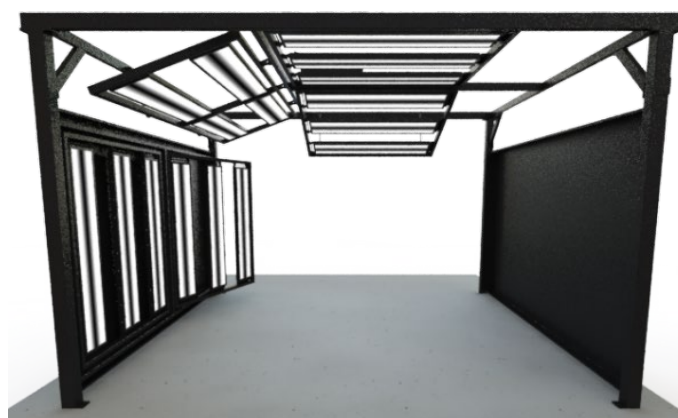


### Possible equipment configurations:

*Panel audit station DUO*



*Panel audit station TRIO*



### Technical Data:

|                                     |                                       |
|-------------------------------------|---------------------------------------|
| Sinusoïde light colour:             | 4.000 K                               |
| Double sinusoïde composite pattern: | 4.000 K - 3.000 K – 4.000 K           |
| LED Type:                           | SMD 2835                              |
| Led Lifetime:                       | >40.000 h                             |
| Luminosity:                         | Adjustable from 1.000-3.000 Lux at 1m |
| Dimmable:                           | PWM , stepless                        |
| Power supply:                       | 400V – 16A                            |

|              |           |
|--------------|-----------|
| Top Flaps :  | Motorized |
| Side Flaps : | Manual    |

#### Panel Audit Station DUO :

|                             |                         |
|-----------------------------|-------------------------|
| LBM type :                  | LBM15                   |
| Number of LBM's :           | 10                      |
| Overall weight:             | 530kg                   |
| Overall dimensions (HxWxT): | 4.130x 2.590 x 2.610 mm |
| Rated power:                | 960 W                   |

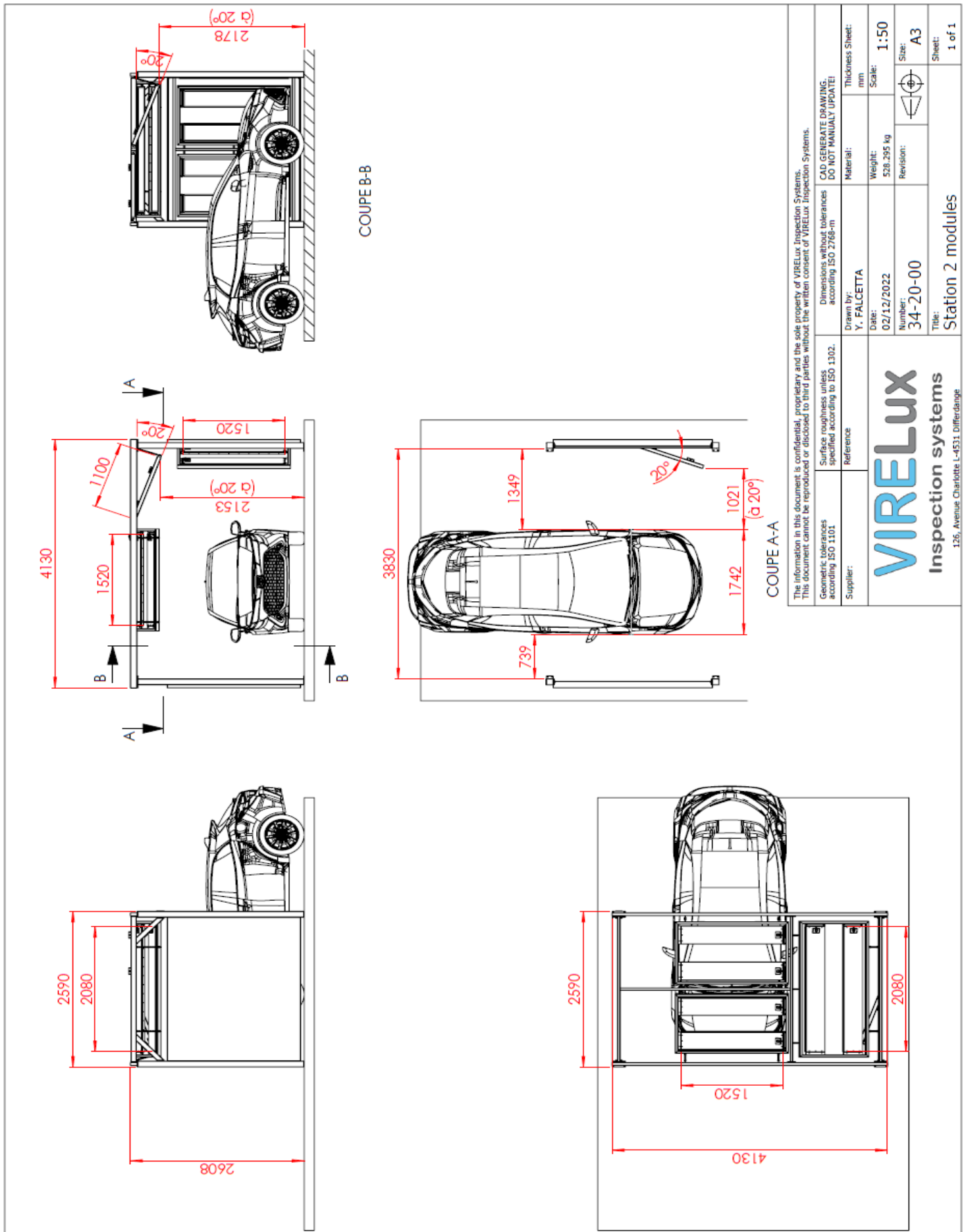
#### Panel Audit Station TIO :

|                             |                         |
|-----------------------------|-------------------------|
| LBM type :                  | LBM15                   |
| Number of LBM's :           | 16                      |
| Overall weight:             | 665kg                   |
| Overall dimensions (HxWxT): | 4.130x 3.790 x 2.610 mm |
| Rated power:                | 1600 W                  |

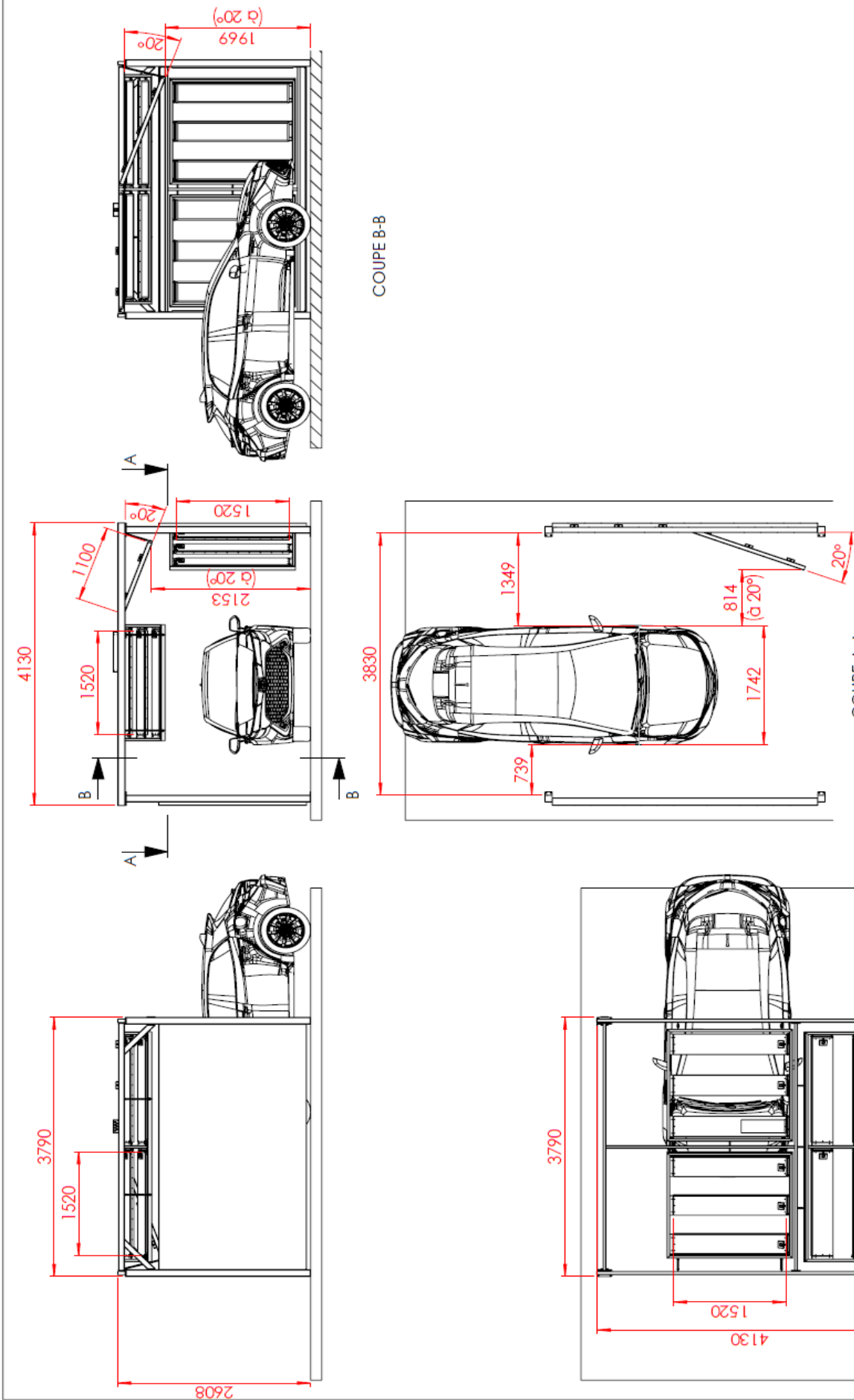
### Optional Features:

#### Composite pattern

Composite pattern including an additional sinusoidal center line in yellow color.



|                                                                                                                                                                                                                                                       |                                                           |                                                          |                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------|---------------------|
| <p>The information in this document is confidential, proprietary and the sole property of VIRELUX Inspection Systems. This document cannot be reproduced or disclosed to third parties without the written consent of VIRELUX Inspection Systems.</p> |                                                           | <p>CAD GENERATE DRAWING.<br/>DO NOT MANUALLY UPDATE!</p> |                     |
| Supplier:                                                                                                                                                                                                                                             | Reference:                                                | Material:                                                | Thickness Sheet: mm |
| Geometric tolerances according to ISO 1101                                                                                                                                                                                                            | Surface roughness unless specified according to ISO 1302. | Weight: 528.295 kg                                       | Scale: 1:50         |
| Drawn by: Y. FALCETTA                                                                                                                                                                                                                                 | Date: 02/12/2022                                          | Revision:                                                | Size: A3            |
| Number: 34-20-00                                                                                                                                                                                                                                      | Title: Station 2 modules                                  | Sheet: 1 of 1                                            |                     |



|                                                                                                               |           |                                                           |                     |                                                    |                        |                                                  |  |
|---------------------------------------------------------------------------------------------------------------|-----------|-----------------------------------------------------------|---------------------|----------------------------------------------------|------------------------|--------------------------------------------------|--|
| Geometric tolerances according ISO 1101                                                                       |           | Surface roughness unless specified according to ISO 1302. |                     | Dimensions without tolerances according ISO 2768-m |                        | CAD GENERATE DRAWING.<br>DO NOT MANUALLY UPDATE! |  |
| Supplier:                                                                                                     | Reference | Drawn by:<br><b>Y. FALCETTA</b>                           | Date:<br>02/12/2022 | Weight:<br>665,679 kg                              | Thickness Sheet:<br>mm | Scale:<br><b>1:50</b>                            |  |
| <div><div>VIRELUX</div><div>Inspection systems</div><div>126, Avenue Charlotte L-4531 Differdange</div></div> |           | Number:<br><b>34-60-00</b>                                | Revision:           |                                                    |                        | Size:<br><b>A3</b>                               |  |
|                                                                                                               |           | Title:<br><b>Station 3 modules</b>                        |                     |                                                    |                        | Sheet:<br><b>1 of 1</b>                          |  |