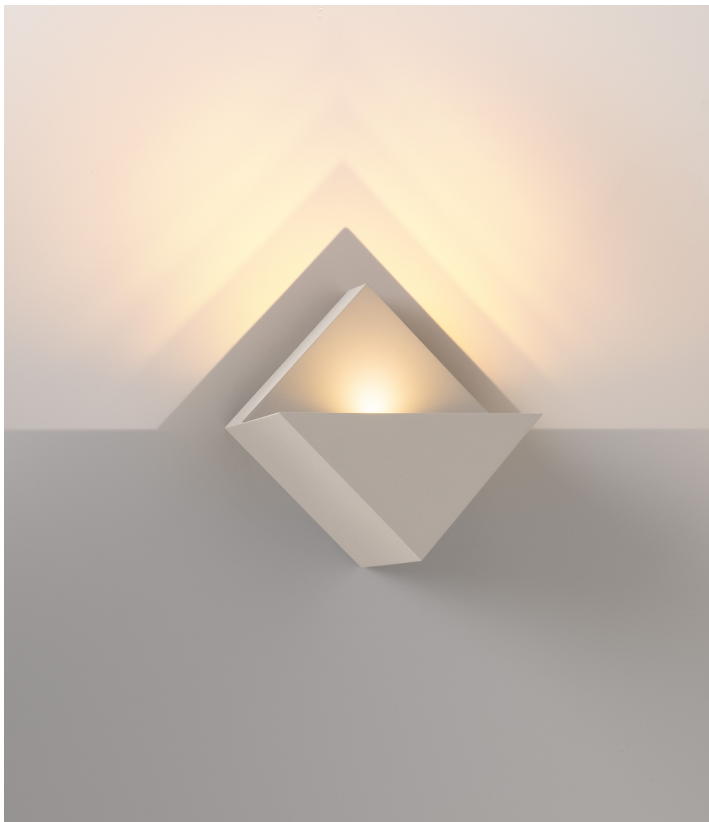


## Impulse Square Wall 1x DE

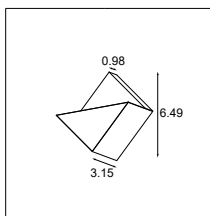
### Overview



An abstract shape that transforms into a poem of light and shadow. Impulse, a wall luminaire designed by Maarten De Ceulaer, brings a surprising light effect to any surface it touches. Express a unique experience in your space, where ripples of shadow and light create depth and accentuate architectural features all around.

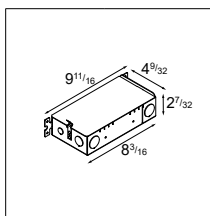
### How to Specify (example)

#### 1. Select Luminaire / Body → Page 2



Example: **IMPUS-W-1X-30-WT-DE-GWS**  
Impulse Square Wall 1x LED, 3000K, wet rated, driver external, grey white structure

#### 2. Select Remote Driver → Page 3



Example: **NON-IC-RD-DP-010P-500-6**  
Remote Driver, NON-IC rated, damp rated, 0-10V, ELV & Triac, 500mA, 6W

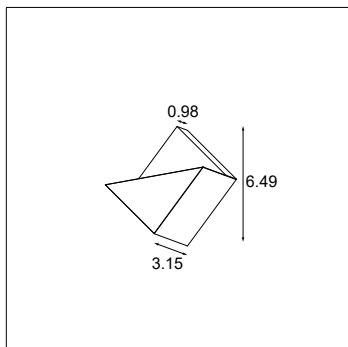
Example order:

| Quantity | Item                           |
|----------|--------------------------------|
| 1        | <b>IMPUS-W-1X-30-WT-DE-GWS</b> |
| 1        | <b>NON-IC-RD-DP-010P-500-6</b> |

## Impulse Square Wall 1x DE

### Luminaire Specifications

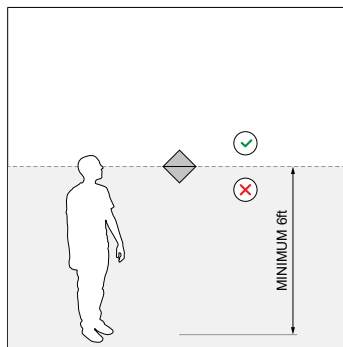
- Body material: aluminum
- Body finish: powder coat or wet paint (cast grey finish is slightly see-through and still shows the natural color differences of the raw aluminum material)
- Driver: not included in the body
- Must be combined with remote driver (specify on page 3)
- Wall mount only (uplight only)
- To avoid direct eye contact with the LEDs, install the luminaire above eye level (minimum 6ft from the ground)
- LEDs have a coating that allows for cleaning and direct contact with dust and moisture
- After installation, the luminaire can be finely adjusted to level the lighting effect
- Junction box is not required for installation



Impulse Square Wall 1x DE



Impulse Square Wall 1x DE

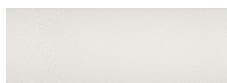


Install the luminaire above eye level

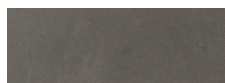
### Finish Information



Black Structure (BLS)  
Powder Coat (Matte)



Grey White Structure (GWS)  
Powder Coat (Matte)



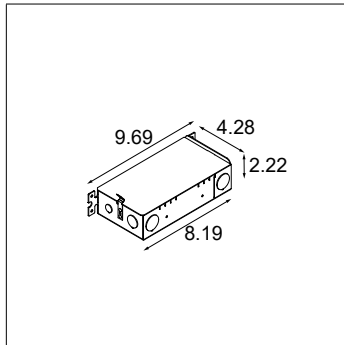
Cast Grey (CGMT)  
Wet Paint (Matte)

### Ordering Information

| IMPUS-W-1X |                        | -  |       | -  | WT                                    | -  | DE              | -    |                      |
|------------|------------------------|----|-------|----|---------------------------------------|----|-----------------|------|----------------------|
| IMPUS-W-1X | Impulse Square Wall 1x | 27 | 2700K | WT | Wet Location<br>(for indoor use only) | DE | Driver External | BLS  | Black Structure      |
|            |                        | 30 | 3000K |    |                                       |    |                 | GWS  | Grey White Structure |
|            |                        | 35 | 3500K |    |                                       |    |                 | CGMT | Cast Grey            |

### Remote Driver Specifications

- Material: sheet metal (galvanized steel)
- Class 2 constant current power supply
- Multiple luminaires can be connected in series to a single driver
- Box can be bottom, side or t-bar mounted
- 4 knockout holes for line voltage conduit or cable connection
- 4 knockout holes for low-voltage conduit or cable connection
- May be placed up to 50ft away using 16AWG wire
- Suitable for damp locations



Remote Driver "A"

### Electrical Specifications & Ordering Information

| Ordering Code            | Version           | Input                     | Output   | Dim <sup>(2)</sup>      | Driver Location |                 |         |         |               | Luminaires <sup>(3)</sup> |
|--------------------------|-------------------|---------------------------|----------|-------------------------|-----------------|-----------------|---------|---------|---------------|---------------------------|
|                          |                   |                           |          |                         | Recessed IC     | Recessed Non-IC | Surface | Cabinet | Under Cabinet |                           |
| IC-RD-DP-0101-EL-350-30  | Remote Driver "A" | 120-277VAC                | 350mA DC | 0-10V - 1%              | Ⓜ               | Ⓜ               | Ⓜ       | Ⓜ       | Ⓜ             | 1 - 4                     |
| NON-IC-RD-DP-010P-350-8  | Remote Driver "A" | 120-277VAC <sup>(1)</sup> | 350mA DC | 0-10V, ELV & Triac - 1% | Ⓜ               | Ⓜ               | Ⓜ       | Ⓜ       | Ⓜ             | 2                         |
| NON-IC-RD-DP-010P-350-11 | Remote Driver "A" | 120-277VAC <sup>(1)</sup> | 350mA DC | 0-10V, ELV & Triac - 1% | Ⓜ               | Ⓜ               | Ⓜ       | Ⓜ       | Ⓜ             | 2                         |
| NON-IC-RD-DP-010P-350-14 | Remote Driver "A" | 120-277VAC <sup>(1)</sup> | 350mA DC | 0-10V, ELV & Triac - 1% | Ⓜ               | Ⓜ               | Ⓜ       | Ⓜ       | Ⓜ             | 3                         |
| IC-RD-DP-0101-EL-500-30  | Remote Driver "A" | 120-277VAC                | 500mA DC | 0-10V - 1%              | Ⓜ               | Ⓜ               | Ⓜ       | Ⓜ       | Ⓜ             | 1 - 4                     |
| IC-RD-DP-TE1-500-12      | Remote Driver "A" | 120VAC                    | 500mA DC | ELV & Triac - 1%        | Ⓜ               | Ⓜ               | Ⓜ       | Ⓜ       | Ⓜ             | 2                         |
| IC-RD-DP-TE1-500-20      | Remote Driver "A" | 120VAC                    | 500mA DC | ELV & Triac - 1%        | Ⓜ               | Ⓜ               | Ⓜ       | Ⓜ       | Ⓜ             | 3                         |
| NON-IC-RD-DP-010P-500-6  | Remote Driver "A" | 120-277VAC <sup>(1)</sup> | 500mA DC | 0-10V, ELV & Triac - 1% | Ⓜ               | Ⓜ               | Ⓜ       | Ⓜ       | Ⓜ             | 1                         |
| NON-IC-RD-DP-010P-500-16 | Remote Driver "A" | 120-277VAC <sup>(1)</sup> | 500mA DC | 0-10V, ELV & Triac - 1% | Ⓜ               | Ⓜ               | Ⓜ       | Ⓜ       | Ⓜ             | 2                         |
| NON-IC-RD-DP-010P-500-21 | Remote Driver "A" | 120-277VAC <sup>(1)</sup> | 500mA DC | 0-10V, ELV & Triac - 1% | Ⓜ               | Ⓜ               | Ⓜ       | Ⓜ       | Ⓜ             | 3                         |

<sup>(1)</sup> Dimming via ELV & Triac only compatible at 120VAC input

<sup>(2)</sup> Consult the factory for dimmer compatibility

<sup>(3)</sup> Minimum & maximum amount of compatible luminaires, multiple luminaires must be connected in series to a single driver

## Impulse Square Wall 1x DE

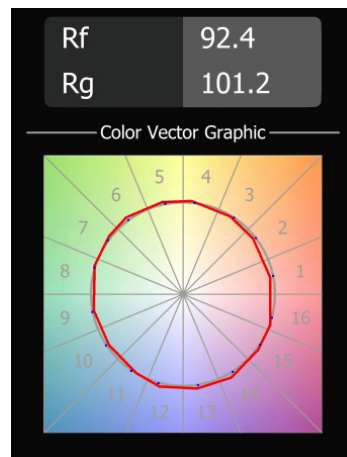
### Performance Specifications

|            |                           |
|------------|---------------------------|
| Luminaire  | <b>Fixed CCT</b>          |
| Weight     | 1.2lbs                    |
| Location   | wet (for indoor use only) |
| CRI*       | 93, R9: 69                |
| Lifetime   | L80 B10 @ 50,000 hrs      |
| UGR        | see website               |
| Beam Angle | 120°                      |

|                       |                  |
|-----------------------|------------------|
| Electrical (typical)  | <b>Fixed CCT</b> |
| Drive Current (mA DC) | 350      500     |
| Forward Voltage (V)   | 10.9      11.0   |
| LED Power (W)**       | 3.8      5.5     |

\* CRI & TM-30 Value for 3000K

\*\* Power figures exclude remote driver



For photometric files see website or contact factory.

### Output Specifications

| Reference Delivered Lumens   | CCT                                          | Drive Current                | Finish                                  |
|------------------------------|----------------------------------------------|------------------------------|-----------------------------------------|
| 621 (ref. 3000K, 500mA, GWS) | 2700K (0.91)<br>3000K (1.00)<br>3500K (0.98) | 350mA (0.74)<br>500mA (1.00) | BLS (0.84)<br>GWS (1.00)<br>CGMT (0.89) |

Multipliers are indicated between brackets: ( )

Example calculation, to determine typical output for 2700K, 350mA, Black Structure: 621 x (0.91) x (0.74) x (0.84) = 351 lumens

### Listings and Certifications

- Listed: cULus
- Wet locations (for indoor use only)
- ADA compliant



### Warranty

- Visit <https://www.supermodular.com/en-us/warranty/>