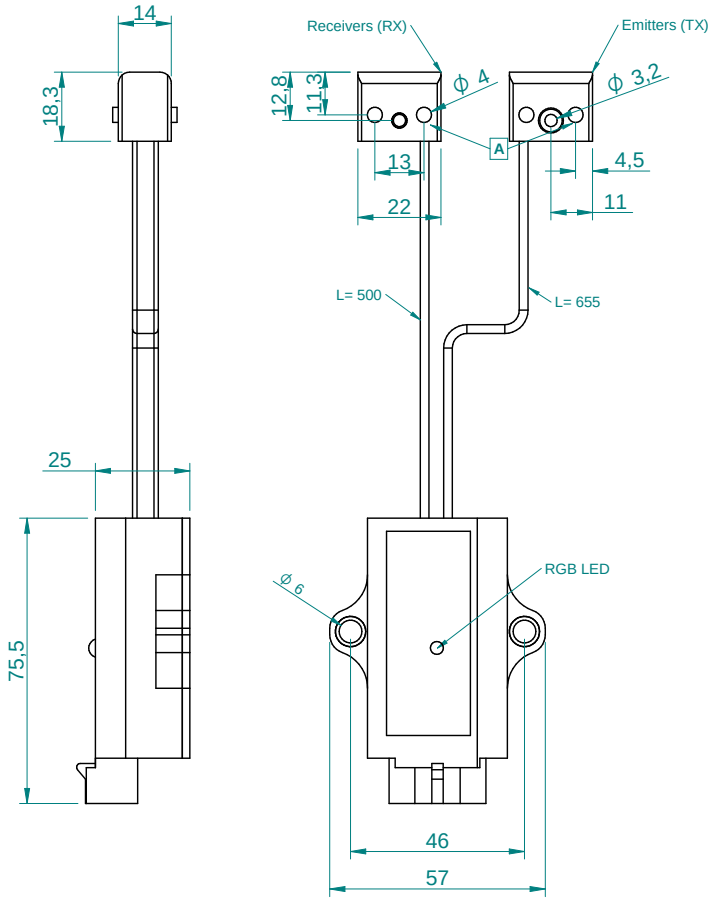
# UNITY PHOTOCELL

## Bracket Version




| Materials | |
|---|---|
| Led case | Polymethylmethacrylate |
| Electronics case | Polyamide |
| Insulating material | Polyurethane resin |

| Technical Data | |
|---|---|
| Power Supply | 6 ÷ 16 Vdc |
| Maximum current | 80 mA |
| Stand-by current | / |
| IP Grade | IP68 |
| Operating temperature range | -20/+70 °C |
| Storage temperature range | -25/+80 °C |
| Weight | 120 g |
| Connectors | 1 x Superseal 3 ways |
| Comunications | 1 x open collector<br>1 x MC Bus (optional) |
| Inputs | / |
| Outputs | NPN<br>MC Bus (optional) |
| Technical Data | Counting up to 98% of seds above 0.8mm<br>Guaranteed detection above 0.2mm<br>Maximum seed frequency 250Hz<br>4 Emitters (TX) & 8 Receivers (RX) |
| Installation instruction | Distance between the two mounting holes **(A)**: minimum 90mm, maximum 106mm<br>- The receivers and emitters must be completely protected from the direct sunlight |

| DATE | REV. N° | OBJECT |
|---|---|---|
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| DATE | REV. N° | OBJECT |
| DATE 01/07/2026 | REV. N° 01 | OBJECT Updated technical caractheristics, updated part number code. |

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DESCRIPTION: **UNITY PHOTOCELL**

| PART NUMBER | COD. DRAW | PAGE | DATE |
|---|---|---|---|
| PRT-0012 | DS070_R1 | 1/1 | 14/05/2025 |
| MEASUREMENT UNIT | VIEW | TOLERANCE mm | SCALE |
| IS | | +/- 0.2 | |

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