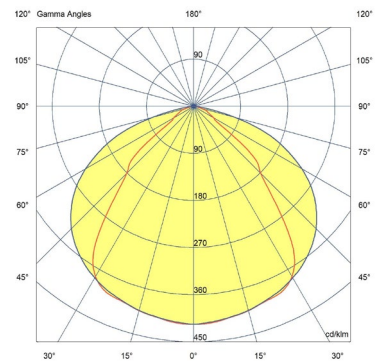




## SYSTEO S CLEAR + 90° OPTICS

### Features

- Input voltage : 220-240V AC, 50/60 Hz
- Input voltage range : 198-264 V AC
- Electrical protection class : 2
- IP : 65
- IK : 11+ / 80 joules
- Incandescent wire test 850° / 30 s
- Rated ambient operating temperature : 25° C
- Operating temperature range : -20 °C ... +35 °C
- VK 45 (wall and ceiling-mounted) / 22 (suspended)
- IRC : 80
- SDCM : 3
- Photobiological hazard : RG0
- Energy class C light source
- Lumen maintenance : L80B10 / over 72 000 h
- Lumen maintenance : L90B50 / 50 000 h
- Number of detector switching cycles: 1,000,000 at maximum load.
- Repairable luminaire. Spare parts available on demand
- 5-year guarantee, details of conditions available on [securlite.com](http://securlite.com)



### Applications

- Architectural luminaire with 90° optics for indoor and outdoor environments subject to moderate vandalism
- Street lighting luminaire for optical installation towards the ground
- Conditions of use :
  - UGR and GR to be confirmed for each lighting project
  - Version with detection : not recommended for outdoor use
  - Installation positions : refer to installation instructions

### Material

- Aluminium alloy body
  - Metal alloy end caps and covers
  - Clear polycarbonate diffuser + 90° flow control optics
  - Plug-in terminal block
  - Gasket made of SEBS
- RoHS : the products contain no prohibited substances as defined in the European Directive 2011/65/UE and amendments

### Colours / Finish

- Two-layer corrosion protection
- Standard colour : Grey RAL7016 fine texture

## Wiring

- Supply terminal block : connector conductors
  - 1,5mm<sup>2</sup> (3G1.5mm<sup>2</sup> or 5G1.5mm<sup>2</sup> cable)
  - 2.5mm<sup>2</sup> (3G2.5mm<sup>2</sup> cable only)
- 1 input at one end via cable gland IP67 ISO M20 for cable Ø 6 to 12 mm max
- Not apparent quick power connection

## Screws

- Locking of the light unit with two stainless steel safety screws Torx + Pin (M5 – Tx25)
- Locking of the end caps with two stainless steel security screws Torx + Pin (M4 – Tx20)

## Facilities available

- Through wiring - (ex : 56xxxxxx**9101**)
- UV reinforced varnish or anti-graffiti – (ex : 56xxxxxx**9601**)
- Lateral cable entry - (ex : 56xxxxxx**9805**)
- Lateral cable entries with through-wiring – (ex : 56xxxxxx**9806**)

## Tools *(to be ordered separately)*

- Head insert Torx + Pin (screw M4 – TX20) - code : **98000036**
- Head insert Torx + Pin (screw M5 – TX25) - code : **98000012**
- Screwdriver insert holder – code : **98000005**
- Remote control for radio controlled version – code : **98000010**

## Accessories *(to be ordered separately)*

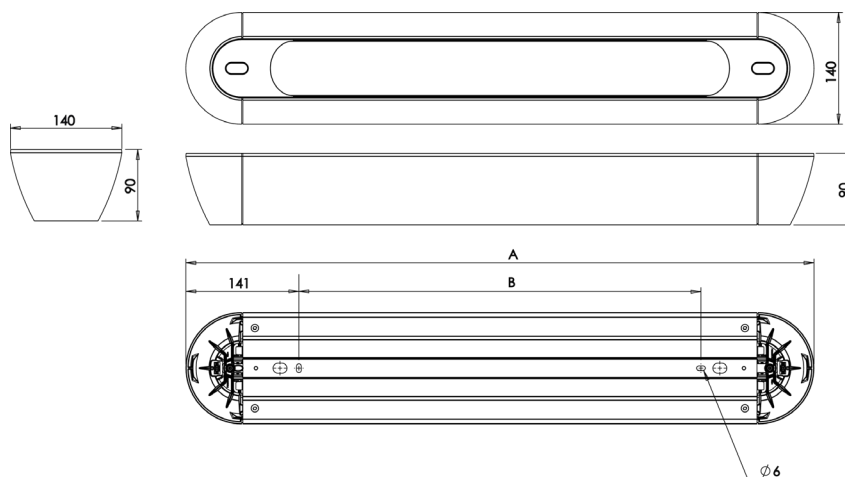
- Suspended mounting kit : **98540002**

## Approvals

Certificates available :

- CE certificate (as per EN60598-1 / 2-1 / 2-3)
- Incandescent wire test certificate (depending on product)

## Dimensions



| A (mm) | B wall and ceiling-mounted version (mm) | B suspended version (mm) | KG      |
|--------|---|--------------------------|---------|
| 1066   | 783                                     | 779                      | 7,30 Kg |
| 1346   | 1063                                    | 1059                     | 8,90 Kg |

Technical and dimensional data are given for information only and may be modified at any time without notice. Please enquire before ordering.

# Technical data sheet

## SYSTEO S CLEAR + 90° OPTICS – FT0321

### Technical data and order codes

| SYSTEO S CLEAR + 90° OPTICS |         |               |                      |                      |                    |                             |                 |
|-----------------------------|---------|---------------|----------------------|----------------------|--------------------|-----------------------------|-----------------|
| Longueur L (mm)             | CCT (K) | Puissance (W) | Puissance veille (W) | Facteur de puissance | Flux lumineux (lm) | Efficacité lumineuse (lm/W) | Référence       |
| 1066                        | 3000    | 9,1           | -                    | 0,75                 | 1000               | 111                         | <b>56241300</b> |
| 1066                        | 4000    | 9,1           | -                    | 0,75                 | 1050               | 117                         | <b>56241400</b> |
| 1066                        | 3000    | 14            | -                    | 0,85                 | 1700               | 121                         | <b>56211300</b> |
| 1066                        | 4000    | 14            | -                    | 0,85                 | 1750               | 125                         | <b>56211400</b> |
| 1346                        | 3000    | 19            | -                    | 0,90                 | 2350               | 124                         | <b>56221300</b> |
| 1346                        | 4000    | 19            | -                    | 0,90                 | 2450               | 129                         | <b>56221400</b> |

| SYSTEO S CLEAR + 90° OPTICS – slave version + extinction warning |         |               |                      |                      |                    |                             |                 |
|--|---------|---------------|----------------------|----------------------|--------------------|-----------------------------|-----------------|
| Longueur L (mm)  | CCT (K) | Puissance (W) | Puissance veille (W) | Facteur de puissance | Flux lumineux (lm) | Efficacité lumineuse (lm/W) | Référence       |
| 1066   | 3000    | 9,0           | <0,20                | 0,75                 | 1000               | 111                         | <b>56241304</b> |
| 1066   | 4000    | 9,0           | <0,20                | 0,75                 | 1050               | 117                         | <b>56241404</b> |
| 1066   | 3000    | 14            | <0,20                | 0,85                 | 1700               | 121                         | <b>56211304</b> |
| 1066   | 4000    | 14            | <0,20                | 0,85                 | 1750               | 125                         | <b>56211404</b> |
| 1346   | 3000    | 19            | <0,20                | 0,90                 | 2350               | 124                         | <b>56221304</b> |
| 1346   | 4000    | 19            | <0,20                | 0,90                 | 2450               | 129                         | <b>56221404</b> |

| SYSTEO S CLEAR + 90° OPTICS – slave version + standby warning |         |               |                                      |                      |                    |                             |                 |
|---|---------|---------------|--------------------------------------|----------------------|--------------------|-----------------------------|-----------------|
| Longueur L (mm)   | CCT (K) | Puissance (W) | Power in eco mode <sup>(1)</sup> (W) | Facteur de puissance | Flux lumineux (lm) | Efficacité lumineuse (lm/W) | Référence       |
| 1066  | 3000    | 9,0           | 2,4                                  | 0,75                 | 1000               | 111                         | <b>56241305</b> |
| 1066  | 4000    | 9,0           | 2,4                                  | 0,75                 | 1050               | 117                         | <b>56241405</b> |
| 1066  | 3000    | 14            | 3,0                                  | 0,85                 | 1700               | 121                         | <b>56211305</b> |
| 1066  | 4000    | 14            | 3,0                                  | 0,85                 | 1750               | 125                         | <b>56211405</b> |
| 1346  | 3000    | 19            | 3,2                                  | 0,90                 | 2350               | 124                         | <b>56221305</b> |
| 1346  | 4000    | 19            | 3,2                                  | 0,90                 | 2450               | 129                         | <b>56221405</b> |

| SYSTEO S CLEAR + 90° OPTICS – with Pro detection + radio-control  |         |               |                      |                      |                    |                             |                 |
|---|---------|---------------|----------------------|----------------------|--------------------|-----------------------------|-----------------|
| Technical specifications and conditions of use for detection : <a href="http://www.securlite.com">www.securlite.com</a> (NOT0420) |         |               |                      |                      |                    |                             |                 |
| Longueur L (mm)   | CCT (K) | Puissance (W) | Puissance veille (W) | Facteur de puissance | Flux lumineux (lm) | Efficacité lumineuse (lm/W) | Référence       |
| 1066  | 3000    | 10            | <0,50                | 0,75                 | 1000               | 100                         | <b>56241316</b> |
| 1066  | 4000    | 10            | <0,50                | 0,75                 | 1050               | 105                         | <b>56241416</b> |
| 1066  | 3000    | 15            | <0,50                | 0,85                 | 1700               | 121                         | <b>56211316</b> |
| 1066  | 4000    | 15            | <0,50                | 0,85                 | 1750               | 117                         | <b>56211416</b> |
| 1346  | 3000    | 20            | <0,50                | 0,90                 | 2350               | 118                         | <b>56221316</b> |
| 1346  | 4000    | 20            | <0,50                | 0,90                 | 2450               | 123                         | <b>56221416</b> |

| SYSTEO S CLEAR + 90° OPTICS - DALI dimmable + switch dimming   |         |               |                      |                      |                    |                             |                 |
|--|---------|---------------|----------------------|----------------------|--------------------|-----------------------------|-----------------|
| Technical specifications and conditions of use for dali : <a href="http://www.securlite.com">www.securlite.com</a> (NOT0880) |         |               |                      |                      |                    |                             |                 |
| Longueur L (mm)  | CCT (K) | Puissance (W) | Puissance veille (W) | Facteur de puissance | Flux lumineux (lm) | Efficacité lumineuse (lm/W) | Référence       |
| 1066   | 3000    | 9,0           | <0,20                | 0,75                 | 1000               | 111                         | <b>56241321</b> |
| 1066   | 4000    | 9,0           | <0,20                | 0,75                 | 1050               | 117                         | <b>56241421</b> |
| 1066   | 3000    | 14            | <0,20                | 0,85                 | 1700               | 121                         | <b>56211321</b> |
| 1066   | 4000    | 14            | <0,20                | 0,85                 | 1750               | 125                         | <b>56211421</b> |
| 1346   | 3000    | 19            | <0,20                | 0,90                 | 2350               | 124                         | <b>56221321</b> |
| 1346   | 4000    | 19            | <0,20                | 0,90                 | 2450               | 129                         | <b>56221421</b> |

| SYSTEO S CLEAR + 90° OPTICS – with Pro detection + radio-control + extinction warning   |         |               |                      |                      |                    |                             |                 |
|---|---------|---------------|----------------------|----------------------|--------------------|-----------------------------|-----------------|
| Technical specifications and conditions of use for detection : <a href="http://www.securlite.com">www.securlite.com</a> (NOT0420) |         |               |                      |                      |                    |                             |                 |
| Longueur L (mm)   | CCT (K) | Puissance (W) | Puissance veille (W) | Facteur de puissance | Flux lumineux (lm) | Efficacité lumineuse (lm/W) | Référence       |
| 1066  | 3000    | 10            | <0,50                | 0,77                 | 1000               | 100                         | <b>56241344</b> |
| 1066  | 4000    | 10            | <0,50                | 0,77                 | 1050               | 105                         | <b>56241444</b> |
| 1066  | 3000    | 15            | <0,50                | 0,85                 | 1700               | 121                         | <b>56211344</b> |
| 1066  | 4000    | 15            | <0,50                | 0,85                 | 1750               | 117                         | <b>56211444</b> |
| 1346  | 3000    | 20            | <0,50                | 0,85                 | 2350               | 118                         | <b>56221344</b> |
| 1346  | 4000    | 20            | <0,50                | 0,85                 | 2450               | 123                         | <b>56221444</b> |

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11/04/2024

## Technical data and order codes

| SYSTEO S CLEAR + 90° OPTICS – with Pro detection + radio-control + standby warning  |         |               |                                      |                      |                    |                             |                 |
|---|---------|---------------|--------------------------------------|----------------------|--------------------|-----------------------------|-----------------|
| Technical specifications and conditions of use for detection : <a href="http://www.securlite.com">www.securlite.com</a> (NOT0420) |         |               |                                      |                      |                    |                             |                 |
| Longueur L (mm)   | CCT (K) | Puissance (W) | Power in eco mode <sup>(1)</sup> (W) | Facteur de puissance | Flux lumineux (lm) | Efficacité lumineuse (lm/W) | Référence       |
| 1066  | 3000    | 10            | 3,2                                  | 0,77                 | 1000               | 100                         | <b>56241345</b> |
| 1066  | 4000    | 10            | 3,2                                  | 0,77                 | 1050               | 105                         | <b>56241445</b> |
| 1066  | 3000    | 15            | 3,6                                  | 0,85                 | 1700               | 121                         | <b>56211345</b> |
| 1066  | 4000    | 15            | 3,6                                  | 0,85                 | 1750               | 117                         | <b>56211445</b> |
| 1346  | 3000    | 20            | 4,0                                  | 0,90                 | 2350               | 118                         | <b>56221345</b> |
| 1346  | 4000    | 20            | 4,0                                  | 0,90                 | 2450               | 123                         | <b>56221445</b> |

(1) : eco mode: operating mode with luminous flux reduced to 10% of nominal.

**Operating instruction :** [www.securlite.com](http://www.securlite.com) (NOT0890)