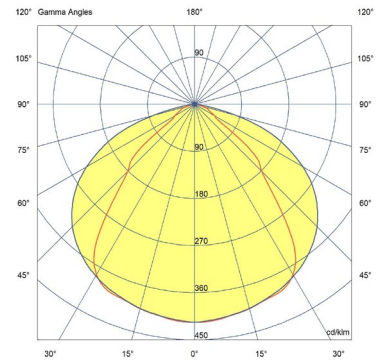




SYSTEO UNIT CLEAR + 90° OPTICS

Features

- Input voltage : 220-240V AC, 50/60 Hz
- Input voltage range : 198-264 V AC
- Electrical protection class : 2
- IP : 65
- IK : 10 / 20 joules
- Incandescent wire test 850° / 30 s
- Rated ambient operating temperature : 25° C
- Operating temperature range : -20 °C ... +35 °C
- VK 25 (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



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

- Bi-injected polycarbonate body
 - Clear polycarbonate diffuser + 90° flow control optics
 - Polycarbonate end caps
 - 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

- Standard colour : white RAL9003

Wiring

- Supply terminal block : connector conductors
 - 1,5mm² (3G1.5mm² or 5G1.5mm² cable)
 - 2.5mm² (3G2.5mm² 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

- Luminaire is locked by a stainless steel safety screw Torx + Pin (M4 – Tx20)

Facilities available

- Through wiring - (ex : 54xxxxxx**9101**)
- UV reinforced varnish or anti-graffiti – (ex : 54xxxxxx**9601**)

Tools *(to be ordered separately)*

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

Accessories *(to be ordered separately)*

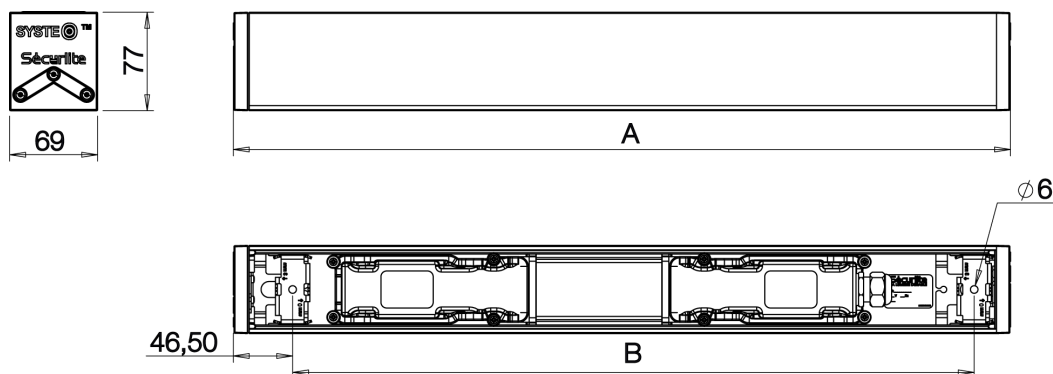
- Surface mounting kit : **98540001**
- Suspended mounting kit : **98540002**


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
891	816	812	2,40 Kg
1171	1096	1092	2,90 Kg

Technical data sheet

SYSTEO UNIT CLEAR + 90° OPTICS – FT0314

Technical data and order codes

SYSTEO UNIT CLEAR + 90° OPTICS							
Length L (mm)	CCT (K)	Power (W)	Power in standby (W)	Power factor	Luminaire output (lm)	Luminaire efficacy (lm/W)	Reference
891	3000	9,1	-	0,75	1000	111	54240300
891	4000	9,1	-	0,75	1050	117	54240400
891	3000	14	-	0,85	1700	121	54210300
891	4000	14	-	0,85	1750	125	54210400
1171	3000	19	-	0,90	2350	124	54220300
1171	4000	19	-	0,90	2450	129	54220400

SYSTEO UNIT CLEAR + 90° OPTICS – slave version + extinction warning							
Length L (mm)	CCT (K)	Power (W)	Power in standby (W)	Power factor	Luminaire output (lm)	Luminaire efficacy (lm/W)	Reference
891	3000	9,0	<0,20	0,75	1000	111	54240304
891	4000	9,0	<0,20	0,75	1050	117	54240404
891	3000	14	<0,20	0,85	1650	118	54210304
891	4000	14	<0,20	0,85	1750	125	54210404
1171	3000	19	<0,20	0,90	2350	124	54220304
1171	4000	19	<0,20	0,90	2450	129	54220404

SYSTEO UNIT CLEAR + 90° OPTICS – slave version + standby warning							
Length L (mm)	CCT (K)	Power (W)	Power in eco mode ⁽¹⁾ (W)	Power factor	Luminaire output (lm)	Luminaire efficacy (lm/W)	Reference
891	3000	9,0	2,4	0,75	1000	111	54240305
891	4000	9,0	2,4	0,75	1050	117	54240405
891	3000	14	3,0	0,85	1650	118	54210305
891	4000	14	3,0	0,85	1750	125	54210405
1171	3000	19	3,2	0,90	2350	124	54220305
1171	4000	19	3,2	0,90	2450	129	54220405

SYSTEO UNIT CLEAR + 90° OPTICS – with Pro detection + radio-control technical specifications and conditions of use for detection : www.securlite.com (NOT0420)							
Length L (mm)	CCT (K)	Power (W)	Power in standby (W)	Power factor	Luminaire output (lm)	Luminaire efficacy (lm/W)	Reference
891	3000	10	<0,50	0,77	1000	100	54240316
891	4000	10	<0,50	0,77	1050	105	54240416
891	3000	15	<0,50	0,85	1700	121	54210316
891	4000	15	<0,50	0,85	1750	117	54210416
1171	3000	20	<0,50	0,90	2350	118	54220316
1171	4000	20	<0,50	0,90	2450	123	54220416

SYSTEO UNIT CLEAR + 90° OPTICS – DALI dimmable + switch dimming technical specifications and conditions of use for dali : www.securlite.com (NOT0880)							
Length L (mm)	CCT (K)	Power (W)	Power in standby (W)	Power factor	Luminaire output (lm)	Luminaire efficacy (lm/W)	Reference
891	3000	9,0	<0,20	0,75	1000	89	54240321
891	4000	9,0	<0,20	0,75	1050	97	54240421
891	3000	14	<0,20	0,85	1700	121	54210321
891	4000	14	<0,20	0,85	1750	125	54210421
1171	3000	19	<0,20	0,90	2350	124	54220321
1171	4000	19	<0,20	0,90	2450	129	54220421

SYSTEO UNIT CLEAR + 90° OPTICS – with Pro detection + radio-control + extinction warning technical specifications and conditions of use for detection : www.securlite.com (NOT0420)							
Length L (mm)	CCT (K)	Power (W)	Power in standby (W)	Power factor	Luminaire output (lm)	Luminaire efficacy (lm/W)	Reference
891	3000	10	<0,50	0,77	1000	100	54240344
891	4000	10	<0,50	0,77	1050	117	54240444
891	3000	15	<0,50	0,85	1700	121	54210344
891	4000	15	<0,50	0,85	1750	117	54210444
1171	3000	20	<0,50	0,90	2350	118	54220344
1171	4000	20	<0,50	0,90	2450	123	54220444

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

11/04/2024

Technical data sheet

SYSTEO UNIT CLEAR + 90° OPTICS – FT0314

Technical data and order codes

SYSTEO UNIT CLEAR + 90° OPTICS – with Pro detection + radio-control + standby warning <i>technical specifications and conditions of use for detection</i> : www.securlite.com (NOT0420)							
Length L (mm)	CCT (K)	Power (W)	Power in eco mode ⁽¹⁾ (W)	Power factor	Luminaire output (lm)	Luminaire efficacy (lm/W)	Reference
891	3000	10	3,2	0,77	1000	100	54240345
891	4000	10	3,2	0,77	1050	117	54240445
891	3000	15	3,6	0,85	1700	121	54210345
891	4000	15	3,6	0,85	1750	117	54210445
1171	3000	20	4,0	0,90	2350	118	54220345
1171	4000	20	4,0	0,90	2450	123	54220445

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

Operating instruction : www.securlite.com (NOT0870)