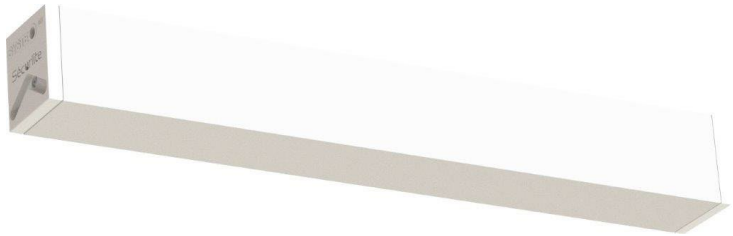
SÉCURLITE
DURABLE LIGHT

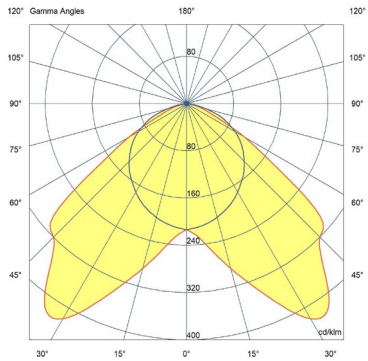
Technical data sheet

SYSTEO UNIT CLEAR + BATWING OPTICS – FT0315



SYSTEO UNIT
CLEAR + BATWING 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 batwing optics for indoor and outdoor environments subject to moderate vandalism
- Street lighting luminaire in surface mounted version
- 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 + batwing 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

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

05/01/2024

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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 separatly)*

- 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 separatly)*

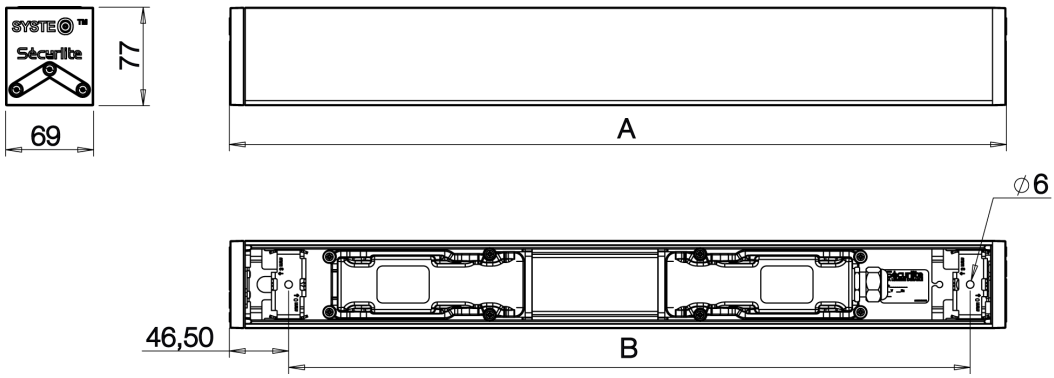
- Surface mounting kit : **98540001**
- Suspended mounting kit : **98540002**

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

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Technical data and order codes

SYSTEO UNIT CLEAR + BATWING 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	**54290300**
891	4000	9,1	-	0,75	1050	117	**54290400**
891	3000	14	-	0,85	1600	114	**54260300**
891	4000	14	-	0,85	1700	121	**54260400**
1171	3000	19	-	0,90	2250	124	**54270300**
1171	4000	19	-	0,90	2350	129	**54270400**

SYSTEO UNIT CLEAR + BATWING 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	**54290304**
891	4000	9,0	<0,20	0,75	1050	117	**54290404**
891	3000	14	<0,20	0,85	1650	118	**54260304**
891	4000	14	<0,20	0,85	1750	125	**54260404**
1171	3000	19	<0,20	0,90	2350	124	**54270304**
1171	4000	19	<0,20	0,90	2450	129	**54270404**

SYSTEO UNIT CLEAR + BATWING 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	**54290305**
891	4000	9,0	2,4	0,75	1050	117	**54290405**
891	3000	14	3,0	0,85	1650	118	**54260305**
891	4000	14	3,0	0,85	1750	125	**54260405**
1171	3000	19	3,2	0,90	2350	124	**54270305**
1171	4000	19	3,2	0,90	2450	129	**54270405**

SYSTEO UNIT CLEAR + BATWING 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	**54290316**
891	4000	10	<0,50	0,77	1050	105	**54290416**
891	3000	15	<0,50	0,85	1600	114	**54260316**
891	4000	15	<0,50	0,85	1700	121	**54260416**
1171	3000	20	<0,50	0,90	2250	118	**54270316**
1171	4000	20	<0,50	0,90	2350	123	**54270416**

SYSTEO UNIT CLEAR + BATWING OPTICS – DALI dimmable + switch dimming							
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	**54290321**
891	4000	9,0	<0,20	0,75	1050	97	**54290421**
891	3000	14	<0,20	0,85	1600	114	**54260321**
891	4000	14	<0,20	0,85	1700	121	**54260421**
1171	3000	19	<0,20	0,90	2250	124	**54270321**
1171	4000	19	<0,20	0,90	2350	129	**54270421**

SYSTEO UNIT CLEAR + BATWING 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	**54290344**
891	4000	10	<0,50	0,77	1050	117	**54290444**
891	3000	15	<0,50	0,85	1600	114	**54260344**
891	4000	15	<0,50	0,85	1700	121	**54260444**
1171	3000	20	<0,50	0,90	2250	118	**54270344**
1171	4000	20	<0,50	0,90	2350	123	**54270444**

Technical data and order codes

SYSTEO UNIT CLEAR + BATWING OPTICS – with Pro detection + radio-control + standby warning *technical specifications and conditions of use for detection :* 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	**54290345**
891	4000	10	3,2	0,77	1050	117	**54290445**
891	3000	15	3,6	0,85	1600	114	**54260345**
891	4000	15	3,6	0,85	1700	121	**54260445**
1171	3000	20	4,0	0,90	2250	118	**54270345**
1171	4000	20	4,0	0,90	2350	123	**54270445**

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

Operating instruction : www.securlite.com (NOT0870)