

OCAB OCBS

CE1148 CE1148

Ravensteinstraat 4 B-1000 BRUSSEL

Certificaat van prestatiebestendigheid

1148-CPR-20080603

Overeenkomstig de Verordening 305/2011/EU van het Europees Parlement en de Raad van 9 maart 2011 (de Bouwproductenverordening of BPV), is dit certificaat van toepassing voor het bouwproduct

Lichtmasten voor openbare verlichting (Bereik beschreven in onderstaande tabel)

in de handel gebracht onder de naam of het merk van

SAFETY-PRODUCT nv

Beverlosesteenweg 100

B-3580 BERINGEN

en vervaardigd in de productie-installatie

OLEN

Dit certificaat bevestigt dat alle voorschriften betreffende de beoordeling en verificatie van de prestatiebestendigheid en de prestaties zoals beschreven in Bijlage ZA van de normen

EN 40-5:2002

volgens het systeem **1** voor de prestaties beschreven in dit certificaat worden toegepast en dat de productiecontrole in de fabriek toegepast door de fabrikant wordt beoordeeld om

de prestatiebestendigheid van het bouwproduct te waarborgen.

Dit certificaat werd voor het eerst afgeleverd op 20080603 en blijft geldig zolang noch de geharmoniseerde norm, noch het bouwproduct, noch het systeem voor de beoordeling en verificatie van de prestatiebestendigheid, noch de vervaardigingsvoorwaarden op significante wijze gewijzigd worden, behalve intrekking of opschorting door de aangemelde productcertificatie instantie.



Brussel, 20200430

Jacques DEFOURNY, Voorzitter van de raad van bestuur

The validity of the present certificate is confirmed if visible on the OCAB-OCBS website



Rue Ravensteinstraat 4 B-1000 BRUSSELS

Certificate of constancy of performance

1148-CPR-20080603

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product:

Lighting columns (Scope in enclosed table)

placed on the market under the name or trademark of

SAFETY-PRODUCT nv

Beverlosesteenweg 100

B-3580 BERINGEN

and produced in the manufacturing plants

OLEN

This certificate attests that all provisions concerning the assessment and verification of constancy of performance and the performances described in Annex ZA of the standard(s)

EN 40-5:2002

under system **1** for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the

constancy of performance of the construction product.

This certificate was first issued on 20080603 and will remain valid as long as neither the harmonised standard, the construction product, the system of assessment and verification of constancy of performance nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

Brussels, 20200430

Jacques DEFOURNY, Chairman of the Board

The validity of the present certificate is confirmed if visible on the [OCAB-OCBS website](http://www.ocab-ocbs.com)



OCAB OCBS Rue Ravensteinstraat 4 B-1000 BRUSSELS

Phone: + 32 2 509 14 09 Fax: + 32 2 509 14 00 E-mail: ocab@ocab-ocbs.com

Website: www.ocab-ocbs.com

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CE Certificate: List of approved Steel Lighting Columns according to EN 40-5:2002

Product family 0:

- Columns with nominal height up to 12 m (columns with brackets up to 2.5 m), diameter 85 mm to 260 mm, nominal wall thickness 2 mm
- Trade name: ZIPpole
- Passive safety according to EN 12767:2019, Performance class:
 - Class 0

Product family 1:

- Columns with nominal height up to 12 m (columns with brackets up to 2.5 m), diameter 85 mm to 260 mm, nominal wall thickness 2 mm
- Trade name: ZIPpole
- For poles simply laid down in a concrete foundation
- Passive safety according to EN 12767:2019, Performance class:
 - 100-NE-C-S-SE-MD-1

Product family 2:

- Columns with nominal height from 6 m to 12 m (columns with brackets up to 2.5 m), diameter 85 mm to 260 mm, nominal wall thickness 2 mm
- Trade name: ZIPpole
- For poles with a concrete foundation below ground level
- For poles with flange plate and concrete foundation below ground level
- For poles with screw firmly tied in the ground
- Passive safety according to EN 12767:2019, Performance class:
 - 100-HE-C-S-NS-MD-1

Product family 3:

- Columns with nominal height up to 18 m (columns with brackets up to 1.5 m), diameter 85 mm to 351 mm, nominal wall thickness 2 mm
- Trade name: ZIPpole3XL
- Passive safety according to EN 12767:2019, Performance class:
 - Class 0

Product family 4:

- Columns with nominal height from 6 m to 18 m (columns with brackets up to 1.5 m), diameter 85 mm to 351 mm, nominal wall thickness 2 mm
- Trade name: ZIPpole3XL
- For poles with a concrete foundation below ground level and a planting depth of 2m
- Passive safety according to EN 12767:2019, Performance class:
 - 100-HE-E-S-NS-MD-1

Further characteristics and performances

- ✓ Following Evaluation of Performance Reports by OCAB-OCBS 2008 to 2020 and Quality handbook of Safety Product.
- ✓ The corrosion protection MAGNELIS® or ZnAlMg coating according to EN 10268 and EN 10346 is covered by the present CE certificate.
- ✓ Passive safety in accordance with EN 12767 tested by accredited laboratory

IMPORTANT STATEMENT over EN 12767

These lighting columns were evaluated according to previous versions of the standard and are requalified according to the prescriptions of Annex L of EN 12767:2019 completed by the methodology described in (1). The performance regarding roof indentation is as such as reported from the results of the tests performed in accordance to EN 12767, **taking into that the uncertainty admitted by this standard on roof deformation can in no way guarantee the same performance in actual crash situations.**

Therefore and quite obviously, neither OCAB-OCBS nor the manufacturer can assume that in real conditions, the same performance as such recorded in the tests can be reproduced in all cases.

¹ <https://www.ocab-ocbs.com/NMRQEN127672019.pdf>



Installation of the ZIPpole in concrete
EN12767, 100HE3 / 100-HE-C



Installation of the pole	mounting the bracket															
<p>Handle with care this is a passive safe pole</p> <p style="text-align: right;">600mm</p> <p>groundlevel</p> <p>sand</p> <p style="text-align: right;">min 300mm max 700mm</p> <p>concrete</p> <p>Volume of the concrete: Min 0.2m³ for poles with height of the lamp < 12m Min 0.3m³ for poles with height of the lamp = 12m More concrete may be used if wanted for stability, regarding the soil conditions.</p> <p>Poor concrete: composition 2/4/8, cement/ sand/ gravel humidity of the ground takes care of hardening</p> <p>Remark: Don't pore concrete underneath the pole so water can run out of the pole. Pole may be filled with sand up to 300mm below groundlevel.</p>	<table border="1" style="width: 100%; border-collapse: collapse; margin-top: 20px;"> <thead> <tr> <th>N°</th> <th>Description</th> <th>#</th> </tr> </thead> <tbody> <tr> <td>1a</td> <td>tap M6/M8</td> <td>6</td> </tr> <tr> <td>1b</td> <td>screw M6/M8</td> <td>6</td> </tr> <tr> <td>2</td> <td>bracket Ø 60,3</td> <td>1</td> </tr> <tr> <td>3</td> <td>pole</td> <td>1</td> </tr> </tbody> </table>	N°	Description	#	1a	tap M6/M8	6	1b	screw M6/M8	6	2	bracket Ø 60,3	1	3	pole	1
N°	Description	#														
1a	tap M6/M8	6														
1b	screw M6/M8	6														
2	bracket Ø 60,3	1														
3	pole	1														
<p>closing the door</p> <p>push and turn to the right to close</p>																

more information?
info@safety-product.eu
 tel: +32 (0) 11 87 44 41
 v07- 24/4/2023

PODSTAWOWE ATUTY / MAIN ADVANTAGES



Brak przewodnictwa elektrycznego
Non electric conduction



Przyjazny środowisku
Eco friendly



Łatwy montaż i demontaż
Easy to assembly and disassembly



Wysoka odporność mechaniczna
High mechanical resistance



Niska waga
Low weight



Trudnopalny
Slow-burning



Ochrona UV
UV protection

KOLORYSTYKA / COLOURS



RAL 7032



RAL 7047



RAL 7035



RAL 7042



RAL 7024



RAL 7016



RAL 9005



RAL

Możliwość barwienia słupa na dowolny kolor z palety RAL
Possibility of coloring the pole in any color from the RAL palette

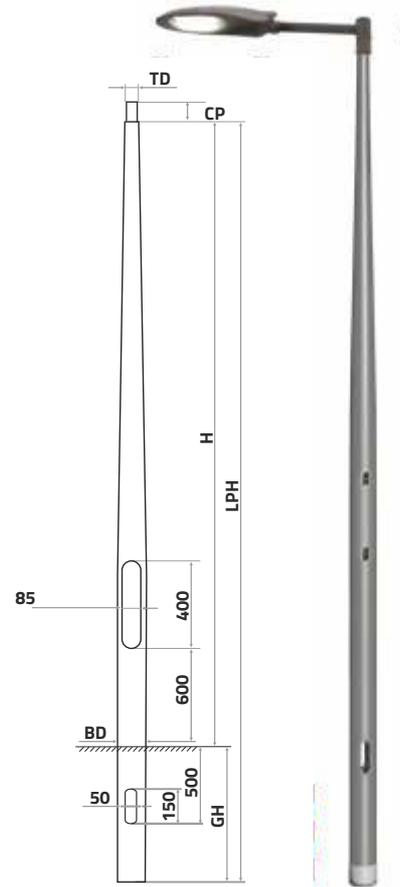
SŁUP PASSIVEPOLE WKOPYWANY SKPW-P

PASSIVEPOLE WITH A PART DUG INTO THE GROUND SKPW-P

Symbol słupa Column symbol	H (m)	BD (mm)	TD (mm)	klasyfikacja wg EN 12767:2019 classification
SKPW-P 3,0	3,0	130, 150	60	70-NE-B-S-SE-MD-0
SKPW-P 4,0	4,0	130, 150	60	70-NE-B-S-SE-MD-0
SKPW-P 5,0	5,0	175	60	70-NE-B-S-SE-MD-0
SKPW-P 6,0	6,0	175	60	70-NE-B-S-SE-MD-0
SKPW-P 7,0	7,0	193	60	70-NE-B-S-SE-MD-0
SKPW-P 8,0	8,0	193	60	70-NE-B-S-SE-MD-0
SKPW-P 9,0	9,0	193	60	70-NE-B-S-SE-MD-0
SKPW-P 10,0	10,0	193	60	70-NE-B-S-SE-MD-0
SKPW-P 3,0	3,0	175	60	50-NE-B-S-SE-MD-0
SKPW-P 4,0	4,0	175	60	50-NE-B-S-SE-MD-0
SKPW-P 5,0	5,0	193	60	50-NE-B-S-SE-MD-0
SKPW-P 6,0	6,0	193	60	50-NE-B-S-SE-MD-0
SKPW-P 7,0	7,0	220	60	50-NE-B-S-SE-MD-0
SKPW-P 8,0	8,0	220	60	50-NE-B-S-SE-MD-0
SKPW-P 9,0	9,0	220	60	50-NE-B-S-SE-MD-0
SKPW-P 10,0	10,0	220	60	50-NE-B-S-SE-MD-0
SKPW-P 12,0	12,0	220	60	100-NE-B-S-SE-MD-0
SKPW-PK 12,0	12,0	220	60	100-NE-B-S-SE-MD-0
żerdź EKO-P 10,5/2,5	10,0	250	173	50-NE-B-S-SE-MD-0

Na życzenie Klienta istnieje możliwość wyprodukowania słupów o niestandardowych parametrach. Możliwość wzmocnienia słupa dla trudnych warunków eksploatacyjnych.
At the customer's request, it is possible to produce poles with non-standard parameters. Possibility to strengthen the pole for difficult operating conditions.

Słupy bezpieczne zgodne z normą EN 12767:2019
safe columns comply with standard EN 12767:2019



Elementy wyposażenia słupa w czasie testu:
pole equipment during the test:

- wysięgnik do 1,5m / bracket, length up to 1.5m
- oprawa oświetleniowa / luminaire
- fundament w przypadku wersji SKPF-P / foundation (in SKPF-P version)
- zawieszona sieć energetyczna w przypadku żerdzi EKO-P / suspended power line (EKO-P poles)

PODSTAWOWE ATUTY / MAIN ADVANTAGES



Brak przewodnictwa elektrycznego
Non electric conduction



Przyjazny środowisku
Eco friendly



Łatwy montaż i demontaż
Easy to assembly and disassembly



Wysoka odporność mechaniczna
High mechanical resistance



Niska waga
Low weight



Trudnopalny
Slow-burning



Ochrona UV
UV protection

KOLORYSTYKA / COLOURS



RAL 7032



RAL 7047



RAL 7035



RAL 7042



RAL 7024



RAL 7016



RAL 9005



Możliwość barwienia słupa na dowolny kolor z palety RAL
Possibility of coloring the pole in any color from the RAL palette

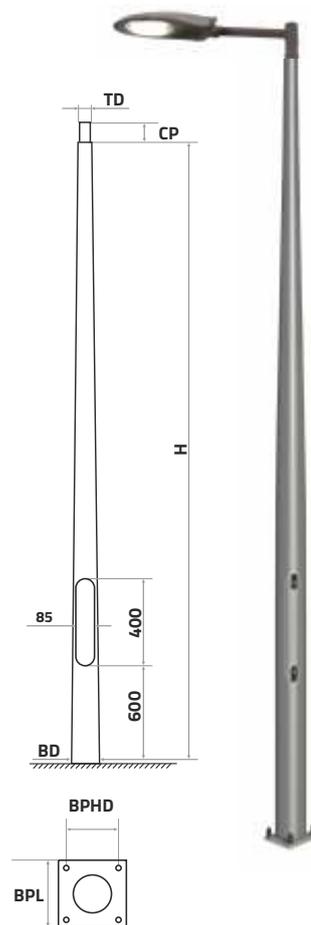
Słupy bezpieczne zgodne z normą EN 12767:2019
safe columns comply with standard EN 12767:2019

SŁUP PASSIVEPOLE NA FUNDAMENT SKPF-P

PASSIVEPOLE MOUNTED ON THE FOUNDATION SKPF-P

Symbol słupa Column symbol	H (m)	BD (mm)	TD (mm)	BPHD (mm)	BPL (mm)	klasyfikacja wg EN 12767:2019 classification
SKPW-P 3,0	3,0	130, 150	60	60	260	70-NE-C-S-SE-MD-0
SKPW-P 4,0	4,0	130, 150	60	60	260	70-NE-C-S-SE-MD-0
SKPW-P 5,0	5,0	175	60	60	260	70-NE-C-S-SE-MD-0
SKPW-P 6,0	6,0	175	60	60	260	70-NE-C-S-SE-MD-0
SKPW-P 7,0	7,0	193	60	60	400	70-NE-C-S-SE-MD-0
SKPW-P 8,0	8,0	193	60	60	400	70-NE-C-S-SE-MD-0
SKPW-P 9,0	9,0	193	60	60	400	70-NE-C-S-SE-MD-0
SKPW-P 10,0	10,0	193	60	60	400	70-NE-C-S-SE-MD-0

Na życzenie Klienta istnieje możliwość wyprodukowania słupów o niestandardowych parametrach. Możliwość wzmocnienia słupa dla trudnych warunków eksploatacyjnych.
At the customer's request, it is possible to produce poles with non-standard parameters. Possibility to strengthen the pole for difficult operating conditions.



Elementy wyposażenia słupa w czasie testu:
pole equipment during the test:

- wyścięgnik do 1,5m / bracket, length up to 1.5m
- oprawa oświetleniowa / luminaire
- fundament w przypadku wersji SKPF-P / foundation (in SKPF-P version)
- zawieszona sieć energetyczna w przypadku żerdzi EKO-P / suspended power line (EKO-P poles)



System zgodny z normą EN 12767:2019
www.nct.com.pl



® **TECHNICKÝ A ZKUŠEBNÍ ÚSTAV STAVEBNÍ PRAHA, s.p.**
Technical and Test Institute for Construction Prague, SOE

Akreditované laboratoře, Autorizovaná osoba, Notifikovaná osoba, Oznamovaný subjekt, Subjekt pro technické posuzování, Certifikační orgány, Inspekční orgán / Accredited Laboratories, Authorized Body, Notified Body, Technical Assessment Body, Certification Bodies, Inspection Body • Prosecká 811/76a, Prosek, 190 00 Praha 9, Czech Republic

Notified Body 1020

CERTIFICATE OF CONSTANCY OF PERFORMANCE

No. 1020 – CPR – 070045575

In compliance with Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product:

Lighting columns of polymer composites reinforced with glass fibres and lighting columns with extension arms with base plate or rooted, intended for lights installation

**version: with flange type SKPF and SKPF PP
rooted type SKPW and SKPW PP**

in diameters of the base \varnothing 100+250 mm and a height from 3,0 to 12,0 m

placed on the market under the name or trade mark of

Alumast S.A.

Marklowicka street 30A, 44-300 Wodzisław Śląski, Poland, INo: PL6472213249

and produced in the manufacturing plant:

Alumast S.A.

Marklowicka street 30A, 44-300 Wodzisław Śląski, Poland

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard

EN 40-7:2002

under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the

constancy of performance of the construction product.

This certificate was first issued on 28 June 2013 under CPD and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

The Annex No. 1 is a part of Certificate No. 1020 - CPR – 070045575.

The stamp of the Notified Body 1020

Ostrava, April 28, 2023



Dipl. Eng. Vojtěch Šebek
Deputy manager of the Notified Body



ANNEX No. 1

CERTIFICATE OF CONSTANCY OF PERFORMANCE

No. 1020 – CPR – 070045575

Lighting columns of polymer composites reinforced with glass fibres and lighting columns with extension arms with base plate or rooted, intended for lights installation

**version: with flange type SKPF and SKPF PP
rooted type SKPW and SKPW PP**

in diameters of the base \varnothing 100+250 mm and a height from 3,0 to 12,0 m

The requirements according to EN 12767 have functional properties with regard to passive safety in the event of an accident of vehicles classified according to the following table:

Lighting columns made of fiberglass-reinforced polymer composites with a boom	Classification by EN 12767	
	EN 12767:2007	EN 12767:2019
rooted type SKPW in base diameters (at the ground surface) \varnothing 193 mm and smaller and height of 9,0 m and lower ²⁾	70NE3	70-NE-B-S-SE-MD-0
rooted type SKPW in base diameters (at the ground surface) \varnothing 220 mm and smaller and height of 9,0 m and lower ²⁾	50NE3	50-NE-B-S-NS-MD-0
with flange type SKPF in base diameters (at the flange) \varnothing 193mm and smaller and height of 9,0 m and lower ²⁾	70NE2	70-NE-C-S-SE-MD-0
rooted type SKPW in base diameters (at the ground surface) \varnothing 220 mm and height 12,0 m	100LE3	100-LE-C-S-SE-MD-0
rooted type SKPW in base diameters (at the ground surface) \varnothing 220 mm and height 12,0 m with an anchoring plate ¹⁾	100HE1	100-HE-E-S-SE-MD-0
rooted type SKPW PP in base diameters (at the ground surface) \varnothing 250mm and smaller and height of 12,0 m and lower ²⁾	100NE2 70NE2 50NE2	100-NE-C-S-SE-MD-0 70-NE-C-S-SE-MD-0 50-NE-C-S-SE-MD-0
with flange type SKPF PP in base diameters (at the flange) \varnothing 250mm and smaller and height of 12,0 m and lower ²⁾	100NE3 70NE3 50NE3	100-NE-B-S-SE-MD-0 70-NE-B-S-SE-MD-0 50-NE-B-S-SE-MD-0
Other columns covered by EN 40-7 certificate	Class 0	Class 0

¹⁾ According to the manufacturer's assessment

²⁾ The product line of columns with passive safety elements according to point G.2.1 of the EN 12767: 2019 standard

This Annex is an integral part of the Certificate of constancy of performance No.1020 - CPR - 070045575.

The stamp of the Notified Body 1020

Ostrava, April 28, 2023



Dipl. Eng. Vojtěch Šebek
Deputy manager of the Notified Body

MEGASTEEL

RSEZ SIA "MEGASTEEL", Atbrīvošanas aleja 155a K-1, Rēzekne, LV-4604, Reģ. Nr. 42403043522

Contact phone :+37129299282

DECLARATION OF CONFORMITY

Issued: 08 March 2021

REF. No. 1-2021

Product: Post base P950-100/136 ; P-0,8; P-1; P-1,3; P-2; P-2,2; P-3; P-4; P-5

Concrete class: C20/C25

Production period: 15 February 2021- 8 March 2021

Issued (to):

Construction site: Lithuania

The above mentioned product is in conformity with

1. LVS 13369:2004 – Common Rules for Precast Concrete Products

The document is prepared in compliance with:

1. Cabinet Regulations No dated 30 April 2001- Procedure of Conformity Attestation of Construction Products in Regulatory Area

2. LVS EN ISO/IEC 17050-1:2005 Conformity assessment – Supplier's declaration of conformity – Part 1: General requirements.

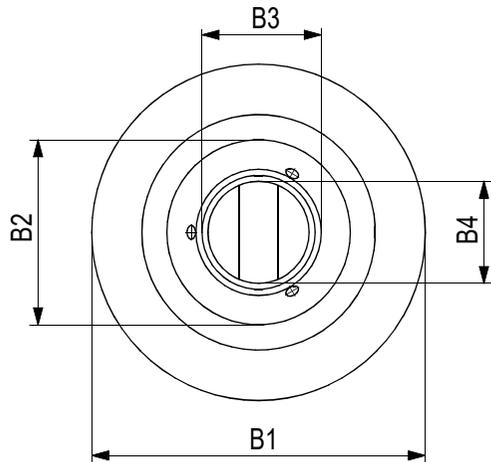
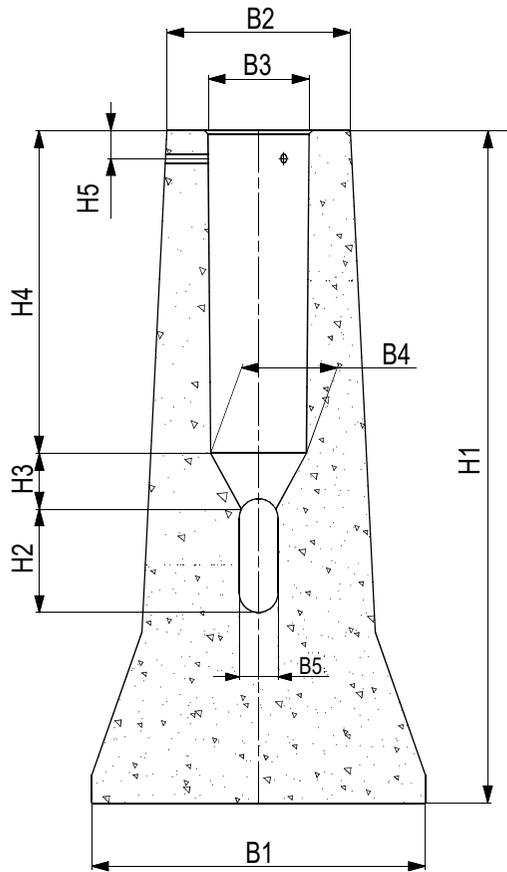
Owner /signature/

Stanislavs Ratinskis

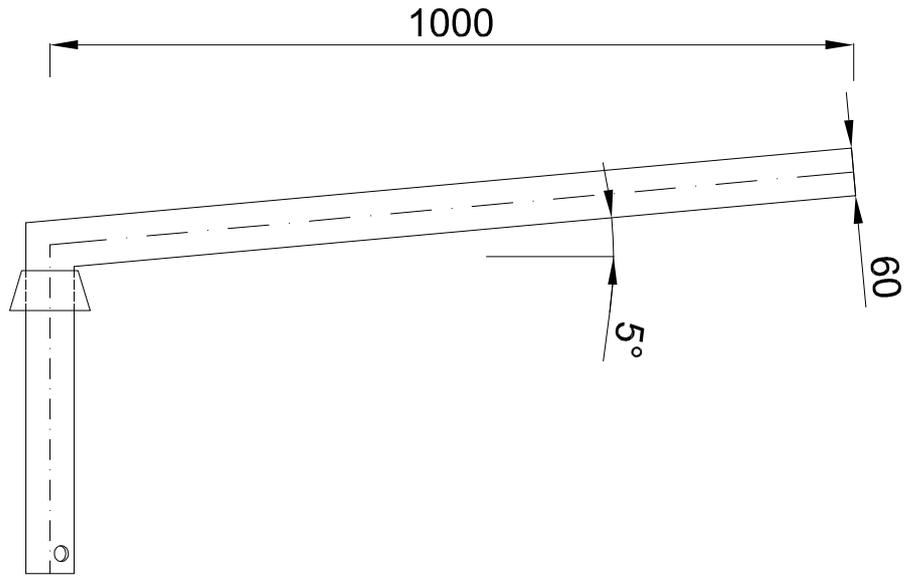
Stanislavs Ratinskis
Valdes priekšsēdētājs



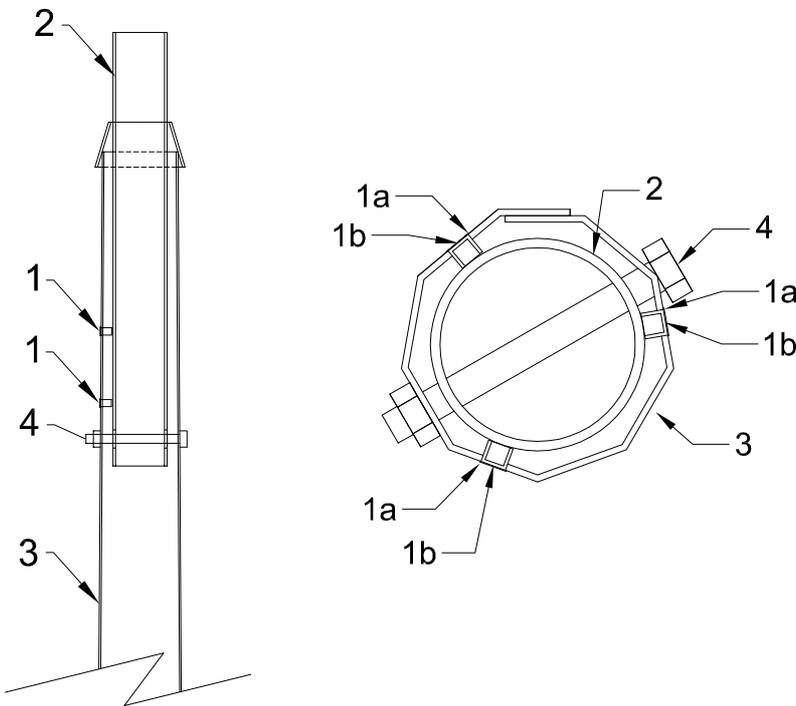
MEGASTEEL



PRODUCT MARK	COLUMN DIAMETER mm	COLUMN HEIGHT mm	WEGHT kg	H1 mm	H2 mm	H3 mm	H4 mm	H5 mm	B1 mm	B2 mm	B3 mm	B4 mm	B5 mm	BOLTS QTY
P-0,8	100-132	1 - 5	100	800	150	100	380	50	300	260	140	134	65	M16x50x3
P-1	100-136	1 - 6	122	940	170	100	420	50	314	260	150	138	65	M16x50x3
P-1,3	100-157	5 - 8	300	1300	170	100	460	50	490	300	170	160	70	M16x50x3
P-2	128-177	6 - 10	370	1200	180	100	580	50	600	330	190	180	70	M16x50x3
P-2,2	100-157	5 - 8	580	2200	200	100	1500	50	490	300	170	160	75	M16x50x3
P-3	159-205	8 - 12	570	1500	210	100	580	50	590	380	215	205	110	M16x50x4
P-4	159-224	8 - 12	740	1500	200	120	680	50	650	420	245	225	110	M16x70x4
P-5	215-282	12 - 15	1000	1800	230	160	740	50	780	520	300	285	120	M16x70x6



Connection bracket - column



N°	Description	#
1a	rivet nut M6	6
1b	positioning bolt M6	6
2	bracket Ø60,3	1
3	column	1
4	bolt M10	1

This drawing is property of



Safety Product nv
Beverlosesteenweg 100
3580 Beringen
Belgium

Project

Description

Bracket R1

Scale

Drawing number

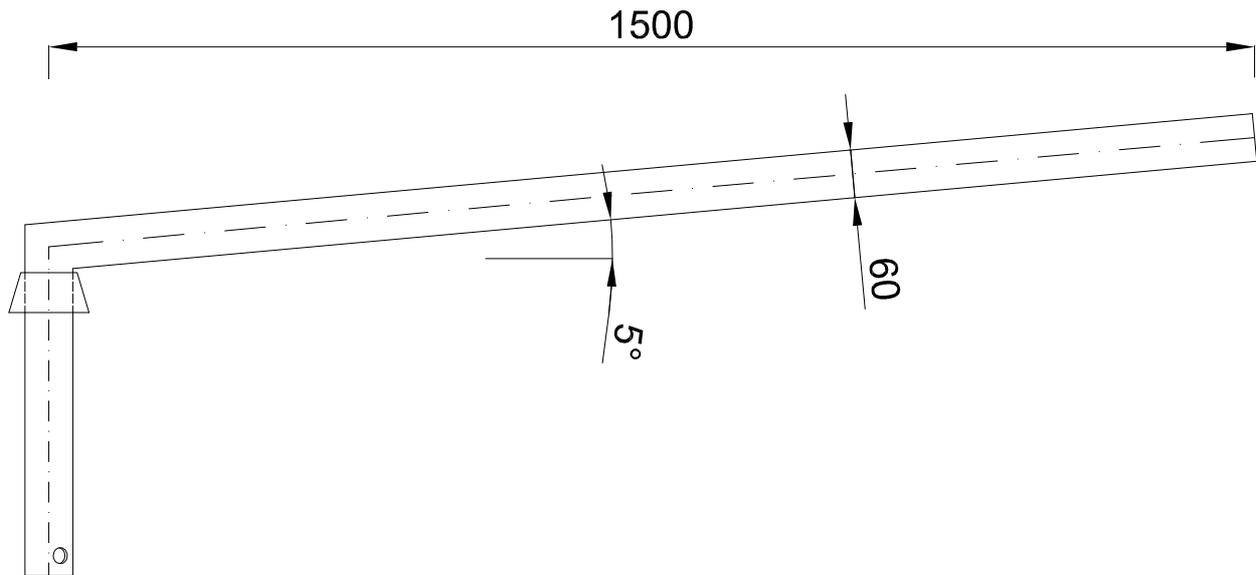
BracketR1 v03

Date

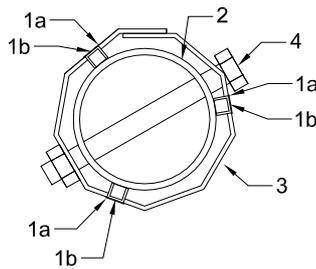
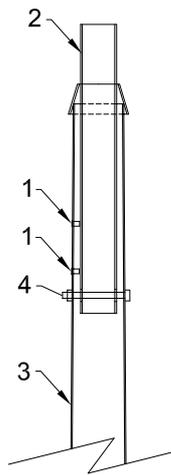
23 December 2015

Draftsman

Inna Vlassova



Connection bracket - column



N°	Description	#
1a	rivet nut M6	6
1b	positioning bolt M6	6
2	bracket Ø60,3	1
3	column	1
4	bolt M10	1

This drawing is property of



Safety Product nv
 Beverlosesteenweg 100
 3580 Beringen
 Belgium

Project

Description

Bracket R1,5

Scale

Drawing number

BracketR1,5 v03

Date

29 February 2016

Draftsman

Inna Vlassova



Product Service

Attestation of Conformity

No. N8A 074515 0204 Rev. 00

Holder of Certificate: **Unilumin Group Co., Ltd.**
Building A, # 112, YongFu Road, Qiaotou, Fuyong Town
Bao'an District
518103 Shenzhen
PEOPLE'S REPUBLIC OF CHINA

Product: **Luminaires for road and street lighting
(LED Street Light)**

This Attestation of Conformity is issued on a voluntary basis according to the Low Voltage Directive 2014/35/EU relating to electrical equipment designed for use within certain voltage limits. It confirms that the listed equipment complies with the principal protection requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for testing and certification. For details see: www.tuvsud.com/ps-cert

Test report no.: 6814022001201

Date, 2022-05-24

(Taylor Yao)

Page 1 of 4

After preparation of the necessary technical documentation as well as the EU declaration of conformity the required CE marking can be affixed on the product. The declaration of conformity is issued under the sole responsibility of the manufacturer. Other relevant EU-directives have to be observed.



Product Service

Attestation of Conformity

No. N8A 074515 0204 Rev. 00

Model(s):

UNI-STC3-1-020-2; UNI-STC3-1-030-2; UNI-STC3-1-040-2;
UNI-STC3-1-050-2; UNI-STC3-1-060-2; UNI-STC3-2-040-2;
UNI-STC3-2-050-2; UNI-STC3-2-060-2; UNI-STC3-3-090-2;
UNI-STC3-4-120-2; UNI-STC3-4-150-2; UNI-STC3-5-180-2;
UNI-STC3-5-200-2; UNI-STC3-5-240-2; UNI-STC3-1G-020-2;
UNI-STC3-1G-030-2; UNI-STC3-1G-040-2; UNI-STC3-1G-050-2;
UNI-STC3-1G-060-2; UNI-STC3-2G-040-2; UNI-STC3-2G-050-2;
UNI-STC3-2G-060-2; UNI-STC3-3G-090-2; UNI-STC3-4G-120-2;
UNI-STC3-4G-150-2; UNI-STC3-5G-180-2; UNI-STC3-5G-200-2;
UNI-STC3-5G-240-2; UNI-STC3-1Z-020-2; UNI-STC3-1Z-030-2;
UNI-STC3-1Z-040-2; UNI-STC3-1Z-050-2; UNI-STC3-1Z-060-2;
UNI-STC3-2Z-040-2; UNI-STC3-2Z-050-2; UNI-STC3-2Z-060-2;
UNI-STC3-3Z-090-2; UNI-STC3-4Z-120-2; UNI-STC3-4Z-150-2;
UNI-STC3-5Z-180-2; UNI-STC3-5Z-200-2; UNI-STC3-5Z-240-2

Brand:

Unilumin

**Parameters:**

Rated Voltage: 220-240VAC
Rated Frequency: 50/60Hz
Rated Power: See below table for details
Protection Class: II
Degree of Protection: IP66
Blue Light Risk Group: RG1
ta: 50°C

**Tested
according to:**

EN 60598-2-3:2003/A1:2011
EN 60598-1:2015/A1:2018
EN 62493:2015

Page 2 of 4

After preparation of the necessary technical documentation as well as the EU declaration of conformity the required CE marking can be affixed on the product. The declaration of conformity is issued under the sole responsibility of the manufacturer. Other relevant EU-directives have to be observed.



Attestation of Conformity

No. N8A 074515 0204 Rev. 00

Model No.	Rated Power (W)
UNI-STC3-1-020-2	20
UNI-STC3-1-030-2	30
UNI-STC3-1-040-2	40
UNI-STC3-1-050-2	50
UNI-STC3-1-060-2	60
UNI-STC3-2-040-2	40
UNI-STC3-2-050-2	50
UNI-STC3-2-060-2	60
UNI-STC3-3-090-2	90
UNI-STC3-4-120-2	120
UNI-STC3-4-150-2	150
UNI-STC3-5-180-2	180
UNI-STC3-5-200-2	200
UNI-STC3-5-240-2	240
UNI-STC3-1G-020-2	20
UNI-STC3-1G-030-2	30
UNI-STC3-1G-040-2	40
UNI-STC3-1G-050-2	50
UNI-STC3-1G-060-2	60
UNI-STC3-2G-040-2	40
UNI-STC3-2G-050-2	50
UNI-STC3-2G-060-2	60
UNI-STC3-3G-090-2	90

Page 3 of 4

After preparation of the necessary technical documentation as well as the EU declaration of conformity the required CE marking can be affixed on the product. The declaration of conformity is issued under the sole responsibility of the manufacturer. Other relevant EU-directives have to be observed.



Attestation of Conformity

No. N8A 074515 0204 Rev. 00

UNI-STC3-4G-120-2	120
UNI-STC3-4G-150-2	150
UNI-STC3-5G-180-2	180
UNI-STC3-5G-200-2	200
UNI-STC3-5G-240-2	240
UNI-STC3-1Z-020-2	20
UNI-STC3-1Z-030-2	30
UNI-STC3-1Z-040-2	40
UNI-STC3-1Z-050-2	50
UNI-STC3-1Z-060-2	60
UNI-STC3-2Z-040-2	40
UNI-STC3-2Z-050-2	50
UNI-STC3-2Z-060-2	60
UNI-STC3-3Z-090-2	90
UNI-STC3-4Z-120-2	120
UNI-STC3-4Z-150-2	150
UNI-STC3-5Z-180-2	180
UNI-STC3-5Z-200-2	200
UNI-STC3-5Z-240-2	240

CERTIFICATE

No. U6P 074515 0210 Rev. 00

Holder of Certificate: **Unilumin Group Co., Ltd.**
Building A, # 112, YongFu Road, Qiaotou, Fuyong Town
Bao'an District
518103 Shenzhen
PEOPLE'S REPUBLIC OF CHINA

Certification Mark:



Product: **Luminaires for road and street lighting**
LED Street light

The product was voluntarily tested according to the listed standards. The product can be marked with the certification mark shown above. It is not permitted to alter the certification mark in any way. In addition, the certificate holder must not transfer the certificate to third parties. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 70.402.22.020.11

Date, 2022-08-11



(Lucy (Jianying) Lu)

This certificate is only valid in conjunction with

ENEC certificate: U6 074515 0206 Rev. 00

Issued by: TÜV SÜD Product Service GmbH



CERTIFICATE

No. U6P 074515 0210 Rev. 00

Model(s): UNI-STC3-1-030-2; UNI-STC3-2-040-2; UNI-STC3-2-060-2;
 UNI-STC3-3-090-2; UNI-STC3-4-120-2; UNI-STC3-1G-030-2;
 UNI-STC3-2G-040-2; UNI-STC3-2G-060-2; UNI-STC3-3G-090-2;
 UNI-STC3-4G-120-2; UNI-STC3-1Z-030-2; UNI-STC3-2Z-040-2
 UNI-STC3-2Z-060-2; UNI-STC3-3Z-090-2; UNI-STC3-4Z-120-2

Brand Name: Unilumin

Parameters:

Rated voltage:	220-240V~
Rated frequency:	50/60Hz
Rated Power:	See model list below
Luminous flux:	See model list below
Colour temperature (CCT):	See model list below
Colour rendering index (CRI):	70
Luminous Efficacy:	See model list below
Lamp Type:	LED module
Luminaire:	Type B
Ambient Temperature:	25°C

CERTIFICATE

No. U6P 074515 0210 Rev. 00

Mode list

Model No.	Rated Power (W)	Rated luminous flux (lm)	Correlated Colour temperature (K)	Luminous efficacy (lm/W)
UNI-STC3-1-030-2; UNI-STC3-1G-030-2; UNI-STC3-1Z-030-2	30	4650	3000	155
		4800	4000	160
UNI-STC3-2-040-2; UNI-STC3-2G-040-2; UNI-STC3-2Z-040-2	40	6200	3000	155
		6400	4000	160
UNI-STC3-2-060-2; UNI-STC3-2G-060-2; UNI-STC3-2Z-060-2	60	9300	3000	155
		9600	4000	160
UNI-STC3-3-090-2; UNI-STC3-3G-090-2; UNI-STC3-3Z-090-2	90	13950	3000	155
		14400	4000	160
UNI-STC3-4-120-2; UNI-STC3-4G-120-2; UNI-STC3-4Z-120-2	120	18600	3000	155
		19200	4000	160

Tested according to:

EPRS 003:2018-05
Based on EN 62722-2-1:2016

Production Facility(ies):

085837

CERTIFICATE

No. U6 074515 0206 Rev. 01

Holder of Certificate: **Unilumin Group Co., Ltd.**
Building A, # 112, YongFu Road, Qiaotou, Fuyong Town
Bao'an District
518103 Shenzhen
PEOPLE'S REPUBLIC OF CHINA

Certification Mark:



Product: **Luminaires for road and street lighting
(LED Street Light)**

The product was voluntarily tested according to the listed standards. The product can be marked with the certification mark shown above. It is not permitted to alter the certification mark in any way. In addition, the certificate holder must not transfer the certificate to third parties. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 64142225000402

Date, 2023-04-13



(Taylor Yao)

CERTIFICATE

No. U6 074515 0206 Rev. 01

Model(s): UNI-STC3-1-xxx-2; UNI-STC3-2-xxx-2;
UNI-STC3-3-xxx-2; UNI-STC3-4-xxx-2;
UNI-STC3-5-xxx-2; UNI-STC3-1G-xxx-2;
UNI-STC3-2G-xxx-2; UNI-STC3-3G-xxx-2;
UNI-STC3-4G-xxx-2; UNI-STC3-5G-xxx-2;
UNI-STC3-1Z-xxx-2; UNI-STC3-2Z-xxx-2;
UNI-STC3-3Z-xxx-2; UNI-STC3-4Z-xxx-2;
UNI-STC3-5Z-xxx-2;
(‘xxx’ can be 010 to 240 which stands for Rated
Power 10W to 240W, in steps of 1W)

Brand Name: Unilumin



Parameters:

Rated Voltage: 220-240VAC
Rated Frequency: 50/60Hz
Rated Power: See below table for details
Protection Class: II
Degree of Protection: IP66
Blue Light Risk Group: RG1
ta: 50°C



Product Service

CERTIFICATE

No. U6 074515 0206 Rev. 01

Model No.	'xxx' can be 010 to 240 which stands for Rated Power 10W to 240W, in steps of 1W	Rated Power (W)
UNI-STC3-1-xxx-2	xxx=010 to 060	10-60
UNI-STC3-2-xxx-2	xxx=025 to 060	25-60
UNI-STC3-3-xxx-2	xxx=061 to 090	61-90
UNI-STC3-4-xxx-2	xxx=091 to 150	91-150
UNI-STC3-5-xxx-2	xxx=151 to 240	151-240
UNI-STC3-1G-xxx-2	xxx=010 to 060	10-60
UNI-STC3-2G-xxx-2	xxx=025 to 060	25-60
UNI-STC3-3G-xxx-2	xxx=061 to 090	61-90
UNI-STC3-4G-xxx-2	xxx=091 to 150	91-150
UNI-STC3-5G-xxx-2	xxx=151 to 240	151-240
UNI-STC3-1Z-xxx-2	xxx=010 to 060	10-60
UNI-STC3-2Z-xxx-2	xxx=025 to 060	25-60
UNI-STC3-3Z-xxx-2	xxx=061 to 090	61-90
UNI-STC3-4Z-xxx-2	xxx=091 to 150	91-150
UNI-STC3-5Z-xxx-2	xxx=151 to 240	151-240

Tested according to:

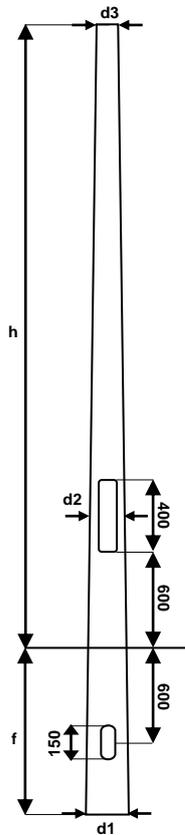
EN 60598-2-3:2003/A1:2011
EN IEC 60598-1:2021/A11:2022

Production Facility(ies):

085837

ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ CERTIFICADO ◆ CERTIFIKAT ◆ CERTIFICATE

Specifications ZIPpole with bending moment capacity

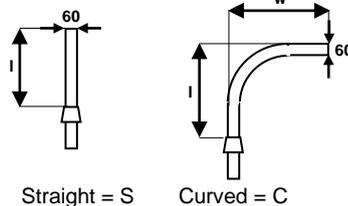


ZIPpole* and ZIPpole3XL**

Type	Height h (m)	Foundation f (mm)	d1 (mm)	d2 (mm)	d3 (mm)	Weight ~ (kg)	Bending moment capacity (Nm)
ZP1.5-6(114)*	6	1500	223.5	190	114	80	17.983
ZP1.5-7(100)*	7	1500	223.5	190	100	83	17.983
ZP1.5-8*	8	1500	223,5	190	85	86	17.983
ZP2-10*	10	2000	260	219	85	110	20.385
ZP0.35-6(114)F*	6	350	207	190	114	80	17.983
ZP0.35-7(99)F*	7	350	207	190	99	83	17.983
ZP0.35-8F*	8	350	207	190	85	85	17.983
ZP0.35-10F*	10	350	236	219	85	125	20.385
ZP0.7-6(114)F*	6	700	212	190	114	85	17.983
ZP0.7-8F*	8	700	212	190	85	90	17.983
ZP0.7-10F*	10	700	241	219	85	130	20.385
13ZP3XLZP8**	13	2000	351	310	145	260	40.000
14ZP3XLZP9**	14	2000	351	310	129	270	40.000
15ZP3XLZP10**	15	2000	351	310	114	280	40.000
16ZP3XLZP11**	16	2000	351	310	100	300	40.000
17ZP3XLZP12**	17	2000	351	310	85	320	40.000
18ZP3XLZP12S1**	18	2000	351	310	85	320	40.000

F= footplate

Brackets



Type	Length l (mm)	Width w (mm)	Weight (kg)
S0.1	100		4
S1	1000		8
S2	2000		11
C1-1	1000	1000	16
C1-1.5	1000	1500	20
C2-1	2000	1000	25
C2-1.5	2000	1500	28

Other brackets and dimensions on request

Material ZIPpole

Steel, 2mm, conical
Galvanised ZnMgAl coating according EN10346 for buried poles or galvanised according EN1461 for poles on footplate

Material brackets

Steel, 2.9mm, cylindrical
Galvanised according EN1461

In accordance with

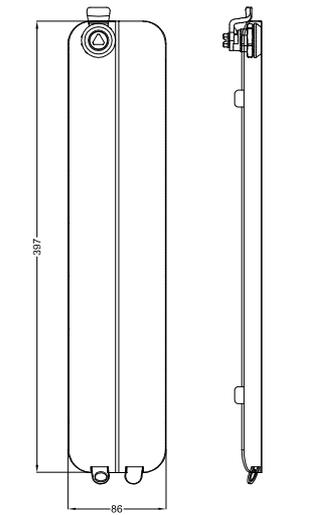
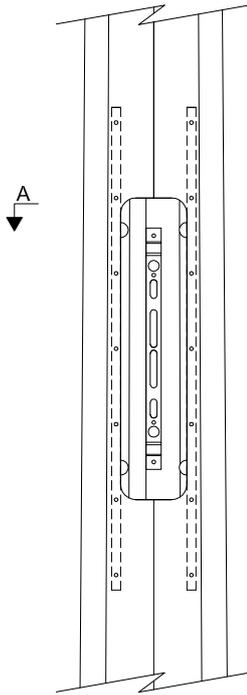
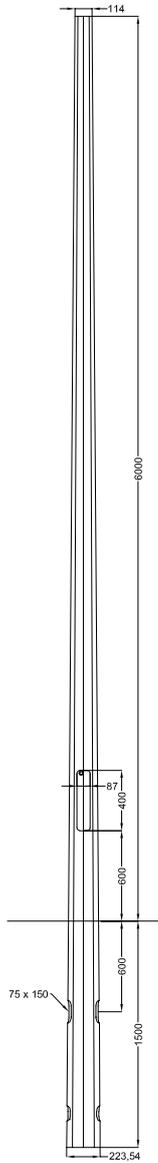
EN 40 Lighting columns	ZIPpole	ZIPpole3XL
EN 12 767 Passive safety of support structures for road equipment	* 100HE3/ 100-HE-C	** 100HE1 / 100-HE-E
	Speed class: 100 km/h	100 km/h
	Energy absorbing category : HE	HE
	Safety level for passengers: 3/ C	1/ E
	*100NE2 / 100-NE-C for all poles buried in sand	

Options on request

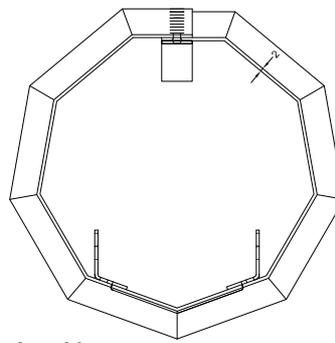
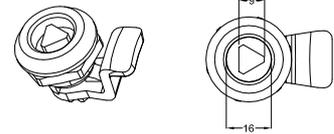
f.e. coating, design brackets, ...

Door aperture

Door



Lock



A - A'

This drawing is property of



Safety Product nv
 Beverlosesteenweg 100
 3580 Beringen
 Belgium

Project

Description

ZP1,5-6(114)

Scale

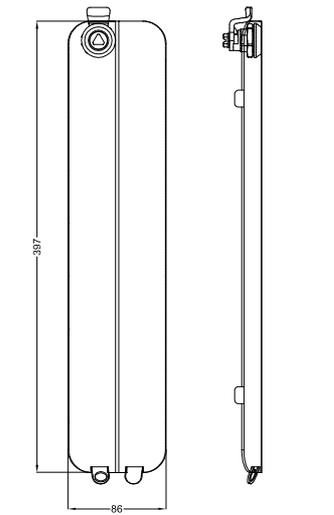
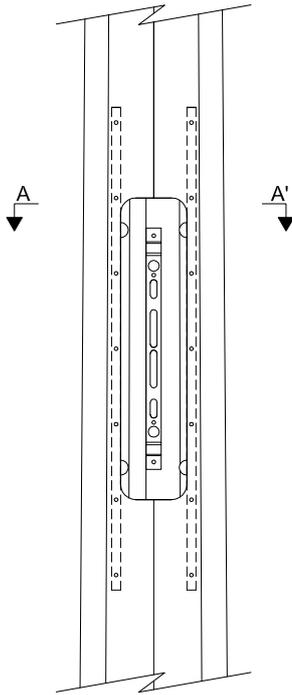
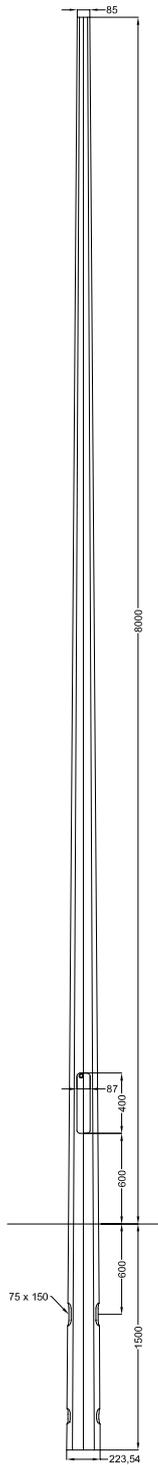
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Date
 27 February 2014

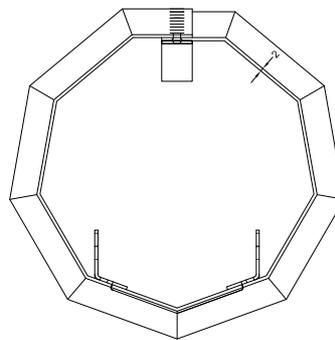
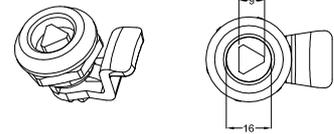
Draftsman
 Anja Lievens

Door aperture

Door



Lock



A - A'

This drawing is property of



Safety Product nv
Beverlosesteenweg 100
3580 Beringen
Belgium

Project

Description

ZP1,5-8

Scale

Drawing number

ZP1,5-8 v03

Date

27 February 2014

Draftsman

Anja Lievens