



## Príloha č. 2 - Návrh na plnenie kritéria

Obchodné meno uchádzača:	Yunex, s. r. o.
Sídlo uchádzača:	Lamačská cesta 3/A, 841 04 Bratislava
štatutárny zástupca:	Ing. Branislav Voška - konateľ, Ing. Stanislav Vanek - konateľ
IČO:	53 684 141
IČ DPH:	SK2121480361
Telefónne číslo:	[REDACTED]
E-mailová adresa:	[REDACTED]
Daňový stav:	platca DPH

Cena celkom za celý predmet zákazky v eur bez DPH	DPH	Cena celkom za celý predmet zákazky v eur s DPH
235 715,54	47 143,11	282 858,65

V Bratislave	dňa 07.10.2021	[REDACTED]
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**Order No.:** 5XB41R2S608D | **GTIN (EAN):** 4058352373996

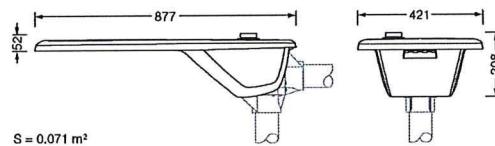
**Product description:** SL20mx,ST1.0a,38460lm740,D4i,SlabSRZhaga



Streetlight 20 maxi LED, mast luminaire, primary light control with lens, of PMMA, primary optical cover: cover, of toughened safety glass, transparent, light distribution: ST1.0a, light emission: direct distribution, primary light characteristic: asymmetric, installation type: side-entry, post-top, LED High Power LED, rated luminous flux: 38.460 lm, light colour: 740, colour temperature: 4000K, control gear: ECG Smart Interface, control: overheat protection, constant luminous flux control, time-dependent luminous flux control, flexible luminous flux parameterisation, mains connection: 220..240V, AC, 50/60Hz, start of lifetime: 279 W, end of lifetime: 296 W, luminaire housing, of diecast aluminium, powder-coated, Siteco® metallic grey (DB 702S), length: 877 mm, width: 420 mm, height: 194mm, spigot size: 60/76mm (post-top) and 42/60mm (side-entry), mast flange for spigot size: 42mm: 5XA76800XM4, 60mm: 5XA76800XM2, 76mm: 5XA76800XM1, protection rating (complete): IP66, insulation class (complete): insulation class II (safety insulation), certification: CE, ENEC, VDE, impact resistance: IK09, permissible ambient temperature for outdoor applications: -35..+50°C, For luminaires with Smart Interface in combination with Philips Xitanium SR ECGs, only components which are compatible with ‚SR‘ shall be used. If the luminaire has a Zhaga D4i certification, it is important to ensure that the selected components have a Zhaga D4i certification as well. If components are used which are not ‚SR‘ or ‚Zhaga D4i‘ compatible, impairment issues of the luminaire or the component can occur or the luminaire or added component can get damaged., standard-compliant lighting for roads and squares, packaging unit: 1 piece



Lamps: LED  
 Wt. (kg): 14.8  
 GTIN (EAN): 4058352373996



It is mandatory that the assembly instructions must be observed when planning and installing the electrical installation (to be found at [www.siteco.com](http://www.siteco.com))  
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**Order No.:** 5XB41R2S608D | **GTIN (EAN):** 4058352373996

**Detailed technical description:** SL20mx,ST1.0a,38460lm740,D4i,SlabSRZhaga



#### Key data

- Product type: mast luminaire
- Product name: Streetlight 20 maxi LED
- Order No.: 5XB41R2S608D

#### Lighting technology | Lamps | Control gear

##### Component 1

#### Lighting technology:

- Light control: lens of PMMA
- Cover: cover, transparent
- Light distribution: ST1.0a
- Beam angle: wide distribution
- Symmetry: asymmetric distribution
- Light emission: direct distribution

#### Lamps:

- Lamps: with High Power LED, LED
- Rated luminous flux: 38460lm
- Luminous efficacy: 138lm/W
- Colour temperature: 4000K
- Colour rendering index: CRI > 70
- Light colour: 740
- SDCM (Standard Deviation of Colour Matching): MacAdam ≤ 5 SDCM (initial)
- Rated input power begin service life: 279
- Rated input power end service life: 296

#### Operating device:

- Control gear: ECG Smart Interface
- Control: D4i
- Equipment: overheat protection, constant luminous flux control, time-dependent luminous flux control, flexible luminous flux parameterisation

#### Certificates, Standards

- Protection rating: IP66
- Insulation class: insulation class II (safety insulation)
- Impact resistance: IK09
- Temperature range (operation): -35..+50°C
- Supplement: standard-compliant lighting for roads and squares
- Certification, designation: CE, ENEC, VDE

#### Material, Colour

- luminaire housing: diecast aluminium, powder-coated, Siteco® metallic grey (DB 702S), please order mast flange separately, luminaire inclination settable at mast flange 0°, 3°, 8°, 15° (post-top) | -3°, -8°, -15° (side-entry)
- Colour specification: Siteco® metallic grey (DB 702S)
- Cover: cover of toughened safety glass

#### Mounting

- Mounting method, mounting location: side-entry, post-top, on mast

#### Electrical connection

- Nominal voltage: 220..240V, 50/60Hz, AC
- Surge voltage resistance: 10kV 1.2/50µs

#### Dimensions, Weight

- Length: 877mm
- Width: 420mm
- Height: 194mm
- Weight: 14.8kg
- Mast spigot: spigot size: 60/76mm (post-top) and 42/60mm (side-entry), mast flange for spigot size: 42mm: 5XA76800XM4, 60mm: 5XA76800XM2, 76mm: 5XA76800XM1

#### Light emission

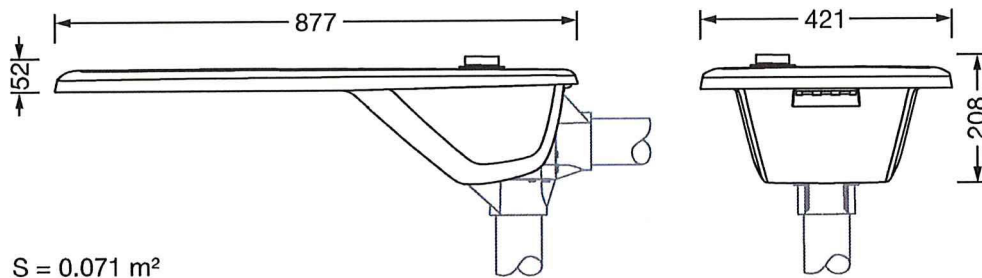
- Light emission: 0% at 0° inclination

#### Service life

- Rated service life: 100000h (L94/B10) at AT = 25°C

**Order No.:** 5XB41R2S608D | **GTIN (EAN):** 4058352373996

**Dimensions:** SL20mx,ST1.0a,38460lm740,D4i,SlabSRZhaga

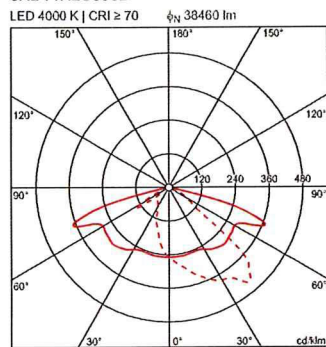


S = 0.071 m<sup>2</sup>

**Order No.:** 5XB41R2S608D | **GTIN (EAN):** 4058352373996  
**Planning data:** SL20mx,ST1.0a,38460lm740,D4i,SlabSRZhaga

**5XB41R2S608D: 1x LED**

4058352373996  
5XB41R2S608D



— C 0/180    - - - C 90/270

Luminous intensity class according to  
EN13201-2: G3

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Order No.: 5XC2A32T08HC | GTIN (EAN): 4058352390795

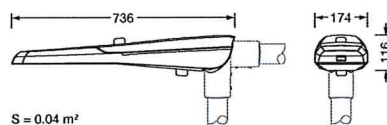
Product description: SL11 mn,ST1.2a,7250lm830,D4i,SRZhaga



Streetlight 11 mini LED, mast luminaire, primary light control with 3 zone faceted reflector, of plastic, silver coated, highly specular, primary optical cover: cover, of PMMA, transparent, light distribution: ST1.2a, light emission: direct distribution, primary light characteristic: asymmetric, installation type: post-top, side-entry, LED High Power LED, rated luminous flux: 7.250 lm, light colour: 830, colour temperature: 3000K, control gear: ECG smart interface, control: overheat protection, constant luminous flux control, time-dependent luminous flux control, flexible luminous flux parameterisation, with cable H07RN-F 3x 1.5mm<sup>2</sup>, mains connection: 220..240V, AC, 50/60Hz, connection cable pre-assembled, cable length: 8,5 m, start of lifetime: 66 W, end of lifetime: 71 W, luminaire housing, of diecast aluminium, powder-coated, Siteco® metallic grey (DB 702S), length: 736 mm, width: 174 mm, height: 116mm, spigot size: 60/76mm (post-top) and 42/60mm (side-entry), mast flange for spigot size: 42mm: 5XC10008XM4, 60mm: 5XC10008XM2, 76mm: 5XC10008XM1, protection rating (complete): IP66, insulation class (complete): insulation class II (safety insulation), certification: CE, ENEC, VDE, impact resistance: IK09, permissible ambient temperature for outdoor applications: -25..+50°C, For luminaires with Smart Interface in combination with OT DEXAL ECGs, only components which are compatible with ‚works with DEXAL‘ shall be used. If the luminaire has a Zhaga D4i certification, it is important to ensure that the selected components have a Zhaga D4i certification as well. If components are used which are not ‚works with DEXAL‘ or ‚Zhaga D4i‘ compatible, impairment issues of the luminaire or the component can occur or the luminaire or added component can get damaged., standard-compliant: lighting for roads and squares, packaging unit: 1 piece



Lamps: LED  
 Wt. (kg): 6.8  
 GTIN (EAN): 4058352390795



siteco 5XC2A32T08HC

The luminaire contains built-in LED lamps

A<sup>++</sup>
A<sup>+</sup>
A
B
C
D
E
F

} LED

The LED-lamps cannot be changed in the luminaire

874/2012

It is mandatory that the assembly instructions must be observed when planning and installing the electrical installation (to be found at [www.siteco.com](http://www.siteco.com))  
 Issued 25.06.2021 - Modifications and errors subject to change - Ensure that you always use the latest version -

**Order No.:** 5XC2A32T08HC | **GTIN (EAN):** 4058352390795

**Detailed technical description:** SL11mn,ST1.2a,7250lm830,D4i,SRZhaga



#### Key data

- Product type: mast luminaire
- Product name: Streetlight 11 mini LED
- Order No.: 5XC2A32T08HC

#### Lighting technology | Lamps | Control gear

##### Component 1

#### Lighting technology:

- Light control: 3 zone faceted reflector of plastic, silver coated, highly specular
- Cover: cover, transparent
- Light distribution: ST1.2a
- Beam angle: wide distribution
- Symmetry: asymmetric distribution
- Light emission: direct distribution

#### Lamps:

- Lamps: with High Power LED, LED
- Rated luminous flux: 7250lm
- Luminous efficacy: 111lm/W
- Colour temperature: 3000K
- Colour rendering index: CRI > 80
- Light colour: 830
- SDCM (Standard Deviation of Colour Matching): MacAdam  $\leq$  5 SDCM (initial)
- Rated input power begin service life: 66
- Rated input power end service life: 71

#### Operating device:

- Control gear: ECG smart interface
- Control: D4i
- Equipment: overheat protection, constant luminous flux control, time-dependent luminous flux control, flexible luminous flux parameterisation

#### Certificates, Standards

- Protection rating: IP66
- Insulation class: insulation class II (safety insulation)
- Impact resistance: IK09
- Temperature range (operation): -25..+50°C
- Supplement: standard-compliant lighting for roads and squares
- Certification, designation: CE, ENEC, VDE

#### Material, Colour

- luminaire housing: diecast aluminium, powder-coated, Siteco® metallic grey (DB 702S), please order mast flange separately, inclination adjustable without tools at 0°, 5°, 10°, 15° (post-top) | 0°, -5°, -10°, -15° (side-entry), sealing non-destructively replaceable, multi-level sealing system
- Colour specification: Siteco® metallic grey (DB 702S)
- Cover: cover of PMMA

#### Mounting

- Mounting method, mounting location: side-entry, post-top, on mast

#### Electrical connection

- Connection: cable H07RN-F 3x 1.5mm<sup>2</sup>
- Nominal voltage: 220..240V, 50/60Hz, AC
- Surge voltage resistance: 10kV 1.2/50 $\mu$ s
- Connection cable: pre-assembled, L= 8.5m

#### Dimensions, Weight

- Length: 736mm
- Width: 174mm
- Height: 116mm
- Weight: 6.8kg
- Mast spigot: spigot size: 60/76mm (post-top) and 42/60mm (side-entry), mast flange for spigot size: 42mm: 5XC10008XM4, 60mm: 5XC10008XM2, 76mm: 5XC10008XM1

#### Light emission

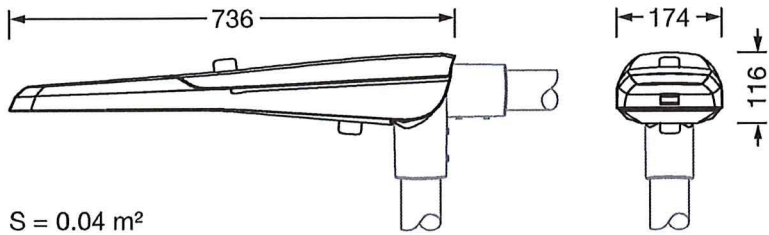
- Light emission: 0% at 0° inclination

#### Service life

- Rated service life: 100000h at AT = 25°C

Order No.: 5XC2A32T08HC | GTIN (EAN): 4058352390795

Dimensions: SL11mn,ST1.2a,7250lm830,D4i,SRZhaga



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Order No.: 5XC2A32T08HC | GTIN (EAN): 4058352390795

Planning data: SL11mn,ST1.2a,7250lm830,D4i,SRZhaga

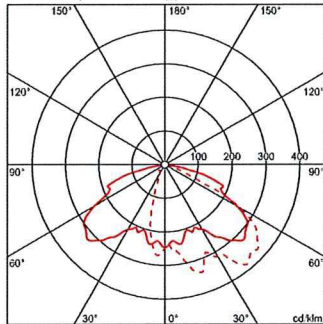
## 5XC2A32T08HC: 1x LED

4058352390795

5XC2A32T08HC

LED 3000 K | CRI  $\geq$  80

$\phi_N$  7250 lm



— C 0/180    - - - C 90/270

Luminous intensity class according to  
EN13201-2: G3

It is mandatory that the assembly instructions must be observed when planning and installing the electrical installation (to be found at [www.siteco.com](http://www.siteco.com))  
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Order No.: 5XC3A42T08MC | GTIN (EAN): 4058352390870

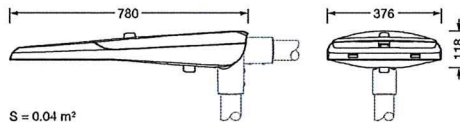
Product description: SL11md,ST1.2a,18860lm740,SRZhagaSlbe/ab



Streetlight 11 midi LED, mast luminaire, primary light control with 3 zone faceted reflector, of plastic, silver coated, highly specular, primary optical cover: cover, of PMMA, transparent, light distribution: ST1.2a, light emission: direct distribution, primary light characteristic: asymmetric, installation type: post-top, side-entry, LED High Power LED, rated luminous flux: 18.860 lm, light colour: 740, colour temperature: 4000K, control gear: ECG smart interface, control: overheat protection, constant luminous flux control, time-dependent luminous flux control, flexible luminous flux parameterisation, with cable H07RN-F 3x 1.5mm<sup>2</sup>, mains connection: 220..240V, AC, 50/60Hz, connection cable pre-assembled, cable length: 12,5 m, start of lifetime: 138 W, end of lifetime: 152 W, luminaire housing, of diecast aluminium, powder-coated, Siteco® metallic grey (DB 702S), length: 780 mm, width: 376 mm, height: 118mm, spigot size: 60/76mm (post-top) and 42/60mm (side-entry), mast flange for spigot size: 42mm: 5XC10008XM4, 60mm: 5XC10008XM2, 76mm: 5XC10008XM1, protection rating (complete): IP66, insulation class (complete): insulation class II (safety insulation), certification: CE, ENEC, VDE, impact resistance: IK09, permissible ambient temperature for outdoor applications: -25..+50°C, For luminaires with Smart Interface in combination with OT DEXAL ECGs, only components which are compatible with ,works with DEXAL' shall be used. If the luminaire has a Zhaga D4i certification, it is important to ensure that the selected components have a Zhaga D4i certification as well. If components are used which are not ,works with DEXAL' or ,Zhaga D4i' compatible, impairment issues of the luminaire or the component can occur or the luminaire or added component can get damaged., standard-compliant lighting for roads and squares, packaging unit: 1 piece



Lamps: LED  
 Wt. (kg): 11.5  
 GTIN (EAN): 4058352390870



S = 0.04 m<sup>2</sup>

siteco 5XC3A42T08MC

The luminaire contains built-in LED lamps

A++	}	LED
A+		
A		
B		
C		
D	X	
E		
F		

The LED-lamps cannot be changed in the luminaire

874/2012

It is mandatory that the assembly instructions must be observed when planning and installing the electrical installation (to be found at [www.siteco.com](http://www.siteco.com))  
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Order No.: 5XC3A42T08MC | GTIN (EAN): 4058352390870

Detailed technical description: SL11md,ST1.2a,18860lm740,SRZhagaSIbe/ab



#### Key data

- Product type: mast luminaire
- Product name: Streetlight 11 midi LED
- Order No.: 5XC3A42T08MC

#### Lighting technology | Lamps | Control gear

##### Component 1

#### Lighting technology:

- Light control: 3 zone faceted reflector of plastic, silver coated, highly specular
- Cover: cover, transparent
- Light distribution: ST1.2a
- Beam angle: wide distribution
- Symmetry: asymmetric distribution
- Light emission: direct distribution

#### Lamps:

- Lamps: with High Power LED, LED
- Rated luminous flux: 18860lm
- Luminous efficacy: 137lm/W
- Colour temperature: 4000K
- Colour rendering index: CRI > 70
- Light colour: 740
- SDCM (Standard Deviation of Colour Matching): MacAdam  $\leq$  5 SDCM (initial)
- Rated input power begin service life: 138
- Rated input power end service life: 152

#### Operating device:

- Control gear: ECG smart interface
- Equipment: overheat protection, constant luminous flux control, time-dependent luminous flux control, flexible luminous flux parameterisation

#### Certificates, Standards

- Protection rating: IP66
- Insulation class: insulation class II (safety insulation)
- Impact resistance: IK09
- Temperature range (operation): -25..+50°C
- Supplement: standard-compliant lighting for roads and squares
- Certification, designation: CE, ENEC, VDE

#### Material, Colour

- luminaire housing: diecast aluminium, powder-coated, Siteco® metallic grey (DB 702S), please order mast flange separately, inclination adjustable without tools at 0°, 5°, 10°, 15° (post-top) | 0°, -5°, -10°, -15° (side-entry), sealing non-destructively replaceable, multi-level sealing system
- Colour specification: Siteco® metallic grey (DB 702S)
- Cover: cover of PMMA

#### Mounting

- Mounting method, mounting location: side-entry, post-top, on mast

#### Electrical connection

- Connection: cable H07RN-F 3x 1.5mm<sup>2</sup>
- Nominal voltage: 220..240V, 50/60Hz, AC
- Surge voltage resistance: 10kV 1.2/50 $\mu$ s
- Connection cable: pre-assembled, L= 12.5m

#### Dimensions, Weight

- Length: 780mm
- Width: 376mm
- Height: 118mm
- Weight: 11.5kg
- Mast spigot: spigot size: 60/76mm (post-top) and 42/60mm (side-entry), mast flange for spigot size: 42mm: 5XC10008XM4, 60mm: 5XC10008XM2, 76mm: 5XC10008XM1

#### Light emission

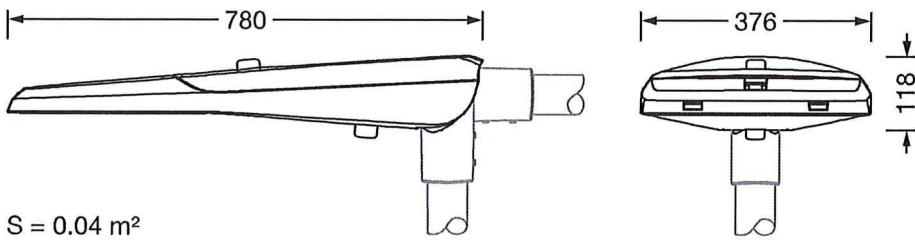
- Light emission: 0% at 0° inclination

#### Service life

- Rated service life: 100000h at AT = 25°C

Order No.: 5XC3A42T08MC | GTIN (EAN): 4058352390870

Dimensions: SL11md,ST1.2a,18860lm740,SRZhagaSIbe/ab



Order No.: 5XC3A42T08MC | GTIN (EAN): 4058352390870

Planning data: SL11md,ST1.2a,18860lm740,SRZhagaSIbe/ab

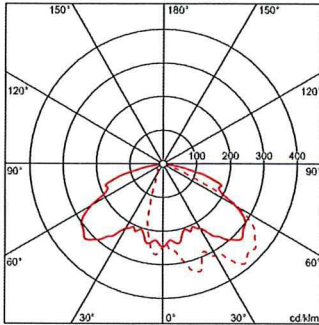
5XC3A42T08MC: 1x LED

4058352390870

5XC3A42T08MC

LED 4000 K | CRI  $\geq$  70

$\phi_N$  18860 lm



— C 0/180    - - - C 90/270

Luminous intensity class according to  
EN13201-2: G3

It is mandatory that the assembly instructions must be observed when planning and installing the electrical installation (to be found at [www.siteco.com](http://www.siteco.com))  
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Príloha: Výkaz výmer  
 Stavba: Výškové stožiare VO  
 Objekt: 01.01 Hodžovo námestie  
 S082/007, 014, S224/064 a S048/006

P.Č.	Skrátený popis	Výmera 0101_HOD Ž N	MJ	Cena jednotková	Cena celkom	Poznámka
<b>02 Demontážne práce</b>						
021	Demontáž svorkovnice stožiarovej	4	ks	32,50 €	130,00 €	
024	Demontáž svetidla vo výške nad 12m	17	ks	25,00 €	425,00 €	odpojenie a demontáž svetidla s odvozom na Technickú ulicu
026	Demontáž výložníka 2-ramenného	1	ks	52,34 €	52,34 €	
027	Demontáž výložníka viacramenného	3	ks	76,80 €	230,40 €	
0211	Skrátenie stožiara na výšku	3	ks	90,00 €	270,00 €	Skrátenie stožiara na priemer drieku 350mm
0299	Podiel pridružených výkonov	6	%	11,08 €	66,46 €	
					<b>Spolu:</b>	<b>1 174,20 € bez DPH</b>
<b>03 Montážne práce</b>						
031	Montáž svorkovnice stožiarovej, prípevnenie svorkovnice, úprava káblov, montáž vodičov prierezu do 4x35mm, zapojenie vývodu pre svetidlo, uzatvorenie svorkovnice	4	ks	31,50 €	126,00 €	
034	Montáž výložníka 2-ramenného	1	ks	35,75 €	35,75 €	
035	Montáž výložníka viacramenného	3	ks	95,20 €	285,60 €	
037	Kompletizácia svetidla, predmontáž	12	ks	7,38 €	88,56 €	
0311	Montáž svetidla vo výške nad 12m	12	ks	31,50 €	378,00 €	
0312	Montáž zvodového káblu - napojenie svetidla zo stožiarovej svorkovnice	240	m	0,95 €	228,00 €	
0313	Montáž nosného lanka pre zvodový kábel do drieku stožiara	80	m	0,75 €	60,00 €	
0318	Očistenie a náter stožiara farba syntetická základná čierna + Alkyton RAL 7016 alebo ekvivalent	4	ks	1 990,00 €	7 960,00 €	do výšky 20m
0324	Oprava a náter stožiarových dvierok, ukotvenie na dve skrutky ISO 7380F skr. M 8 x 20 A2	4	ks	32,15 €	128,60 €	oprava závesov dvierok podľa potreby
0326	Označenie stožiara číslom, bezpečnostnými piktogrammi	4	ks	7,50 €	30,00 €	
0399	Podiel pridružených výkonov	6	%	93,21 €	559,23 €	
					<b>Spolu:</b>	<b>9 879,74 € bez DPH</b>
<b>04 Materiál</b>						
045	Výložník typ V005 Zn + RAL 7016	2	ks	195,00 €	390,00 €	S224/064 a S048/006
047	Výložník typ V007 Zn + RAL 7016	1	ks	260,00 €	260,00 €	
0417	Stožiarová svorkovnica	4	ks	37,50 €	150,00 €	
0418	Svetidlo LED typ SL20 maxi 4000K alebo ekvivalent podľa špecifikácie minimálnych technických štandardov + príruha d60mm	12	ks	902,25 €	10 827,00 €	
0422	Nosné lanko	80	m	0,93 €	74,40 €	
0423	Zvodový kábel ohybný H07RN-F 5G1,5 guma čierny	240	m	2,15 €	516,00 €	
0499	Podružný materiál	3	%	122,17 €	366,52 €	
					<b>Spolu:</b>	<b>12 583,92 € bez DPH</b>
<b>05 Iné práce</b>						
051	Vypracovanie POD, prerokovanie a schválenie operatívnej dopravnej komisie	1	kpl	620,00 €	620,00 €	
052	Dopravné značenie, zabezpečenie pracoviska podľa POD	1	kpl	650,00 €	650,00 €	
053	Manipulácia na vedení, zaistenie vypnutého stavu, presmerovanie napájania	1	hod	125,00 €	125,00 €	
054	Príplatok za prácu nadrozmerných mechanizmov (MP, žeriav, doprava)	1	kpl	3 200,00 €	3 200,00 €	
055	Projektový manažment, inžiniering	1	kpl	820,00 €	820,00 €	
056	Východisková revízia	1	kpl	340,00 €	340,00 €	
057	Dokumentácia skutočného vyhotovenia - Zanesenie do technickej evidencie vrátane technickej mapy mesta	1	kpl	450,00 €	450,00 €	
0599	Podiel pridružených výkonov	6	%	62,05 €	372,30 €	
					<b>Spolu:</b>	<b>6 577,30 € bez DPH</b>
<b>Rekapitulácia</b>						
02	Demontážne práce				1 174,20 €	bez DPH
03	Montážne práce				9 879,74 €	bez DPH
04	Materiál				12 583,92 €	bez DPH
05	Iné práce				6 577,30 €	bez DPH
<b>Celkom</b>					<b>30 215,17 €</b>	<b>bez DPH</b>

Príloha: Výkaz výmer  
 Stavba: Výškové stožiare VO  
 Objekt: 01.02 Štefánikova - Šancová + Predstaničné námestie  
 S226/004, 002 a 006 a N192/001, 003, 004, 005, S134/003

P.Č.	Skrátený popis	Výmera 0102_ŠTEF- ŠANC	MJ	Cena jednotková	Cena celkom	Poznámka
<b>02 Demontážne práce</b>						
021	Demontáž svorkovnice stožiarovej	8	ks	32,50 €	260,00 €	
024	Demontáž svetidla vo výške nad 12m	34	ks	25,00 €	850,00 €	odpojenie a demontáž svetidla s odvozom na Technickú ulicu
027	Demontáž výložníka viacramenného	8	ks	76,80 €	614,40 €	
029	Skrátenie ramena výložníku	15	ks	30,00 €	450,00 €	
0210	Odrezenie ramena výložníka a zaslepenie otvoru plastovou zátkou 60mm	3	ks	45,00 €	135,00 €	
0211	Skrátenie stožiaru na výšku	5	ks	90,00 €	450,00 €	podľa ohraňovaného pozinkovaného
0299	Podiel pridružených výkonov	6	%	27,59 €	165,56 €	
					<b>Spolu:</b>	<b>2 924,96 €</b> bez DPH
<b>03 Montážne práce</b>						
031	Montáž svorkovnice stožiarovej, prípevnenie svorkovnice, úprava káblov, montáž vodičov prierezu do 4x35mm, zapojenie vývodu pre svetidlo, uzatvorenie svorkovnice	8	ks	31,50 €	252,00 €	
034	Montáž výložníka 2-ramenného	1	ks	64,55 €	64,55 €	
035	Montáž výložníka viacramenného	7	ks	95,20 €	666,40 €	
037	Kompletizácia svetidla, predmontáž	29	ks	11,52 €	334,08 €	
0311	Montáž svetidla vo výške nad 12m	29	ks	31,50 €	913,50 €	
0312	Montáž zvodového káblu - napojenie svetidla zo stožiarovej svorkovnice	493	m	0,95 €	468,35 €	
0313	Montáž nosného lanka pre zvodový kábel do drieku stožiaru	136	m	0,75 €	102,00 €	
0317	Očistenie a náter stožiaru farba syntetická základná čierna + Alkyton RAL 7016 alebo ekvivalent	5	ks	1 790,00 €	8 950,00 €	do výšky 15m
0321	Náter stožiaru 15m farba KOVOZIN RAL 7016+ Alkyton RAL 7016 alebo ekvivalent	3	ks	1 650,00 €	4 950,00 €	
0324	Oprava a náter stožiarových dvierok, ukotvenie na dve skrutky ISO 7380F skr. M 8 x 20 A2	5	ks	32,15 €	160,75 €	
0326	Označenie stožiaru číslom, bezpečnostnými piktogrammi	8	ks	7,50 €	60,00 €	
0399	Podiel pridružených výkonov	6	%	169,22 €	1 015,30 €	
					<b>Spolu:</b>	<b>17 936,93 €</b> bez DPH
<b>04 Materiál</b>						
041	Výložník typ V001 Zn + RAL 7016	2	ks	175,00 €	350,00 €	N192/004, S226/002
042	Výložník typ V002 Zn + RAL 7016	1	ks	160,00 €	160,00 €	S134/003
043	Výložník typ V003 Zn + RAL 7016	1	ks	150,00 €	150,00 €	N192/005
049	Výložník typ V009 Zn + RAL 7016	1	ks	155,00 €	155,00 €	N192/003
0417	Stožiarová svorkovnica	2	ks	37,50 €	75,00 €	
0418	Svetidlo LED typ SL20 maxi 4000K alebo ekvivalent podľa špecifikácie minimálnych technických štandardov + príruha d60mm	29	ks	902,25 €	26 165,25 €	
0422	Nosné lanko	136	m	0,93 €	126,48 €	
0423	Zvodový kábel ohybný H07RN-F 5G1,5 guma čierny	493	m	2,15 €	1 059,95 €	
0499	Podružný materiál	3	%	282,42 €	847,25 €	
					<b>Spolu:</b>	<b>29 088,93 €</b> bez DPH
<b>05 Iné práce</b>						
051	Vypracovanie POD, prerokovanie a schválenie operatívnej dopravnej komisii	1	kpl	620,00 €	620,00 €	
052	Dopravné značenie, zabezpečenie pracoviska podľa POD	1	kpl	650,00 €	650,00 €	
053	Manipulácia na vedení, zaistenie vypnutého stavu, presmerovanie napájania	1	hod	125,00 €	125,00 €	
054	Príplatok za prácu nadrozmerných mechanizmov (MP, žeriav, doprava)	1	kpl	6 075,00 €	6 075,00 €	
055	Projektový manažment, inžiniering	1	kpl	820,00 €	820,00 €	
056	Východisková revízia	1	kpl	780,00 €	780,00 €	
057	Dokumentácia skutočného vyhotovenia - Zanesenie do technickej evidencie vrátane technickej mapy mesta	1	kpl	450,00 €	450,00 €	
0599	Podiel pridružených výkonov	6	%	95,20 €	571,20 €	
					<b>Spolu:</b>	<b>10 091,20 €</b> bez DPH
<b>Rekapitulácia</b>						
02	Demontážne práce				2 924,96 €	bez DPH
03	Montážne práce				17 936,93 €	bez DPH
04	Materiál				29 088,93 €	bez DPH
05	Iné práce				10 091,20 €	bez DPH
<b>Celkom</b>					<b>60 042,02 €</b>	bez DPH

Príloha: Výkaz výmer  
 Stavba: Výškové stožiare VO  
 Objekt: 01.03 Námestie Franza Liszta  
 S356/001 - 015, 027, 026, 025, 024, 023, 022, 021, 019, 017, 016, 018 a 044

P.Č.	Skrátený popis	Výmera 0103_NAM FRAL	MJ	Cena jednotková	Cena celkom	Poznámka
<b>02 Demontážne práce</b>						
021	Demontáž svorkovnice stožiarovej	27	ks	25,00 €	675,00 €	
022	Demontáž svietidla vo výške do 6m	5	ks	14,60 €	73,00 €	
024	Demontáž svietidla vo výške nad 12m	68	ks	20,00 €	1 360,00 €	
027	Demontáž výložníka viacramenného	17	ks	45,00 €	765,00 €	
028	Zrezanie výložníka	10	ks	60,00 €	600,00 €	20cm drieku
0211	Skrátenie stožiara na výšku	17	ks	90,00 €	1 530,00 €	o 500mm
0299	Podiel pridružených výkonov	6	%	50,03 €	300,18 €	
					<b>Spolu:</b>	<b>5 303,18 €</b> bez DPH
<b>03 Montážne práce</b>						
031	Montáž svorkovnice stožiarovej, prípevnenie svorkovnice, úprava káblov, montáž vodičov prierezu do 4x35mm, zapojenie vývodu pre svietidlo, uzatvorenie svorkovnice	27	ks	31,50 €	850,50 €	
032	Zapojenie vývodu pre svietidlo v stožiarovej svorkovnici, uzatvorenie svorkovnice	5	ks	10,63 €	53,15 €	
033	Montáž výložníka 1-ramenného	3	ks	45,86 €	137,58 €	
034	Montáž výložníka 2-ramenného	7	ks	64,55 €	451,85 €	
035	Montáž výložníka viacramenného	5	ks	95,20 €	476,00 €	
037	Kompletizácia svietidla, predmontáž	53	ks	7,38 €	391,14 €	
039	Montáž svietidla do výšky 8m	5	ks	17,50 €	87,50 €	
0310	Montáž svietidla do výšky 12m	48	ks	25,00 €	1 200,00 €	
0312	Montáž zvodového káblu - napojenie svietidla zo stožiarovej svorkovnice	687	m	0,95 €	652,65 €	
0315	Očistenie a náter stožiara farba syntetická základná čierna + Alkyton RAL 7016	17	ks	1 450,00 €	24 650,00 €	do výšky 12m S356/011-019, 021-027, 044
0324	Oprava a náter stožiarových dvierok, ukotvenie na dve skrutky ISO 7380F skr. M 8 x 20 A2	27	ks	32,15 €	868,05 €	
0326	Označenie stožiara číslom, bezpečnostnými piktogrammi	27	ks	7,50 €	202,50 €	
0399	Podiel pridružených výkonov	6	%	300,21 €	1 801,26 €	
					<b>Spolu:</b>	<b>31 822,18 €</b> bez DPH
<b>04 Materiál</b>						
042	Výložník typ V002 Zn + RAL 7016	7	ks	160,00 €	1 120,00 €	
0410	Výložník typ V010 Zn + RAL 7016	5	ks	140,00 €	700,00 €	
0411	Výložník typ V011 Zn + RAL 7016	3	ks	110,00 €	330,00 €	
0412	Výložník typ V012 Zn + RAL 7016	2	ks	150,00 €	300,00 €	
0417	Stožiarová svorkovnica	27	ks	37,50 €	1 012,50 €	
0418	Svietidlo LED typ SL20 maxi 4000K alebo ekvivalent podľa špecifikácie minimálnych technických štandardov + príruha d60mm	38	ks	902,25 €	34 285,50 €	S356/011-019, 021-027, 044
0419	Svietidlo LED typ SL11 midi 4000K alebo ekvivalent podľa špecifikácie minimálnych technických štandardov + príruha d76mm	10	ks	552,70 €	5 527,00 €	S356/001-010
0420	Svietidlo LED typ SL11 mini 4000K alebo ekvivalent podľa špecifikácie minimálnych technických štandardov + príruha d60mm	5	ks	325,00 €	1 625,00 €	S356/001, 003, 005, 007, 009
0423	Zvodový kábel ohybný H07RN-F 5G1,5 guma čierny	687	m	2,15 €	1 477,05 €	
0499	Podružný materiál	3	%	463,77 €	1 391,31 €	
					<b>Spolu:</b>	<b>47 768,36 €</b> bez DPH
<b>05 Iné práce</b>						
051	Vypracovanie POD, prerokovanie a schválenie operatívnej dopravnej komisii	1	kpl	620,00 €	620,00 €	
052	Dopravné značenie, zabezpečenie pracoviska podľa POD	1	kpl	650,00 €	650,00 €	
053	Manipulácia na vedení, zaistenie vypnutého stavu, presmerovanie napájania	1	hod	125,00 €	125,00 €	
054	Príplatok za prácu nadrozmerých mechanizmov (MP, žeriav, doprava)	1	kpl	2 950,00 €	2 950,00 €	
055	Projektový manažment, inžiniering	1	kpl	820,00 €	820,00 €	
056	Východisková revízia	1	kpl	2 250,00 €	2 250,00 €	
057	Dokumentácia skutočného vyhotovenia - Zanesenie do technickej evidencie vrátane technickej mapy mesta	1	kpl	700,00 €	700,00 €	
0599	Podiel pridružených výkonov	6	%	81,15 €	486,90 €	
					<b>Spolu:</b>	<b>8 601,90 €</b> bez DPH
<b>Rekapitulácia</b>						
02	Demontážne práce				5 303,18 €	bez DPH
03	Montážne práce				31 822,18 €	bez DPH
04	Materiál				47 768,36 €	bez DPH
05	Iné práce				8 601,90 €	bez DPH
<b>Celkom</b>					<b>93 495,62 €</b>	bez DPH



Príloha: Výkaz výmer  
 Stavba: Výškové stožiare VO  
 Objekt: 01.04 Štefánikova ulica  
 S288/001-046

P.Č.	Skrátený popis	Výmera 0104_ŠTEF	MJ	Cena jednotková	Cena celkom	Poznámka
<b>02 Demontážne práce</b>						
021	Demontáž svorkovnice stožiarovej	46	ks	25,00 €	1 150,00 €	
023	Demontáž svietidla vo výške do 12m	90	ks	19,50 €	1 755,00 €	
028	Zrezanie výložníka	46	ks	60,00 €	2 760,00 €	1ks odlomený zrezal torzo
0299	Podiel pridružených výkonov	6	%	56,65 €	339,90 €	
					<b>Spolu:</b>	<b>6 004,90 € bez DPH</b>
<b>03 Montážne práce</b>						
031	Montáž svorkovnice stožiarovej, prípevnenie svorkovnice, úprava káblov, montáž vodičov prierezu do 4x35mm, zapojenie vývodu pre svietidlo, uzatvorenie svorkovnice	46	ks	31,50 €	1 449,00 €	
037	Kompletizácia svietidla, predmontáž	46	ks	11,52 €	529,92 €	
0310	Montáž svietidla do výšky 12m	46	ks	25,00 €	1 150,00 €	
0312	Montáž zvodového káblu - napojenie svietidla zo stožiarovej svorkovnice	506	m	0,95 €	480,70 €	
0320	Náter stožiara do 6m s výložníkom farba KOVOZIN RAL 7016+ Alkyton RAL 7016 alebo ekvivalent	4	ks	650,00 €	2 600,00 €	
0324	Oprava a náter stožiarových dvierok, ukotvenie na dve skrutky ISO 7380F skr. M 8 x 20 A2	8	ks	32,15 €	257,20 €	
0325	Oprava dvierok na päťici - vyrovnanie/výmena, náter, ukotvenie na skrutku ISO 7380 skr. M 8 x 20 A2	32	ks	32,15 €	1 028,80 €	
0326	Označenie stožiara číslom, bezpečnostnými piktogrammi	50	ks	7,50 €	375,00 €	
0399	Podiel pridružených výkonov	6	%	78,71 €	472,24 €	
					<b>Spolu:</b>	<b>8 342,86 € bez DPH</b>
<b>04 Materiál</b>						
0417	Stožiarová svorkovnica	46	ks	37,50 €	1 725,00 €	
0421	Svietidlo LED typ SL11 midi 4000K alebo ekvivalent podľa špecifikácie minimálnych technických štandardov + prírubca d76mm, vrátane napájacieho kábla l=10m	46	ks	552,70 €	25 424,20 €	
0499	Podružný materiál	3	%	271,49 €	814,48 €	
					<b>Spolu:</b>	<b>27 963,68 € bez DPH</b>
<b>05 Iné práce</b>						
051	Vypracovanie POD, prerokovanie a schválenie operatívnej dopravnej komisii	1	kpl	620,00 €	620,00 €	
052	Dopravné značenie, zabezpečenie pracoviska podľa POD	1	kpl	650,00 €	650,00 €	
053	Manipulácia na vedení, zaistenie vyprnutého stavu, presmerovanie napájania	1	hod	125,00 €	125,00 €	
054	Príplatok za prácu nadrozmerých mechanizmov (MP, žeriav, doprava)	1	kpl	4 600,00 €	4 600,00 €	
055	Projektový manažment, inžiniering	1	kpl	820,00 €	820,00 €	
056	Východisková revízia	1	kpl	1 840,00 €	1 840,00 €	
057	Dokumentácia skutočného vyhotovenia - Zanesenie do technickej evidencie vrátane technickej mapy mesta	1	kpl	450,00 €	450,00 €	
0599	Podiel pridružených výkonov	6	%	91,05 €	546,30 €	
					<b>Spolu:</b>	<b>9 651,30 € bez DPH</b>
<b>Rekapitulácia</b>						
02	Demontážne práce				6 004,90 €	bez DPH
03	Montážne práce				8 342,86 €	bez DPH
04	Materiál				27 963,68 €	bez DPH
05	Iné práce				9 651,30 €	bez DPH
<b>Celkom</b>					<b>51 962,73 €</b>	<b>bez DPH</b>

**Order No.:** 5XB41R2S608D | **GTIN (EAN):** 4058352373996

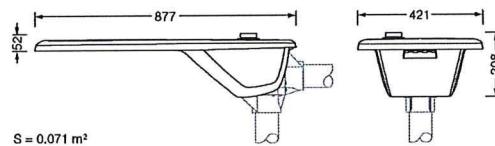
**Product description:** SL20mx,ST1.0a,38460lm740,D4i,SlabSRZhaga



Streetlight 20 maxi LED, mast luminaire, primary light control with lens, of PMMA, primary optical cover: cover, of toughened safety glass, transparent, light distribution: ST1.0a, light emission: direct distribution, primary light characteristic: asymmetric, installation type: side-entry, post-top, LED High Power LED, rated luminous flux: 38.460 lm, light colour: 740, colour temperature: 4000K, control gear: ECG Smart Interface, control: overheat protection, constant luminous flux control, time-dependent luminous flux control, flexible luminous flux parameterisation, mains connection: 220..240V, AC, 50/60Hz, start of lifetime: 279 W, end of lifetime: 296 W, luminaire housing, of diecast aluminium, powder-coated, Siteco® metallic grey (DB 702S), length: 877 mm, width: 420 mm, height: 194mm, spigot size: 60/76mm (post-top) and 42/60mm (side-entry), mast flange for spigot size: 42mm: 5XA76800XM4, 60mm: 5XA76800XM2, 76mm: 5XA76800XM1, protection rating (complete): IP66, insulation class (complete): insulation class II (safety insulation), certification: CE, ENEC, VDE, impact resistance: IK09, permissible ambient temperature for outdoor applications: -35..+50°C, For luminaires with Smart Interface in combination with Philips Xitanium SR ECGs, only components which are compatible with ‚SR‘ shall be used. If the luminaire has a Zhaga D4i certification, it is important to ensure that the selected components have a Zhaga D4i certification as well. If components are used which are not ‚SR‘ or ‚Zhaga D4i‘ compatible, impairment issues of the luminaire or the component can occur or the luminaire or added component can get damaged., standard-compliant lighting for roads and squares, packaging unit: 1 piece



Lamps: LED  
 Wt. (kg): 14.8  
 GTIN (EAN): 4058352373996



It is mandatory that the assembly instructions must be observed when planning and installing the electrical installation (to be found at [www.siteco.com](http://www.siteco.com))  
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**Order No.:** 5XB41R2S608D | **GTIN (EAN):** 4058352373996

**Detailed technical description:** SL20mx,ST1.0a,38460lm740,D4i,SlabSRZhaga



#### Key data

- Product type: mast luminaire
- Product name: Streetlight 20 maxi LED
- Order No.: 5XB41R2S608D

#### Lighting technology | Lamps | Control gear

##### Component 1

#### Lighting technology:

- Light control: lens of PMMA
- Cover: cover, transparent
- Light distribution: ST1.0a
- Beam angle: wide distribution
- Symmetry: asymmetric distribution
- Light emission: direct distribution

#### Lamps:

- Lamps: with High Power LED, LED
- Rated luminous flux: 38460lm
- Luminous efficacy: 138lm/W
- Colour temperature: 4000K
- Colour rendering index: CRI > 70
- Light colour: 740
- SDCM (Standard Deviation of Colour Matching): MacAdam ≤ 5 SDCM (initial)
- Rated input power begin service life: 279
- Rated input power end service life: 296

#### Operating device:

- Control gear: ECG Smart Interface
- Control: D4i
- Equipment: overheat protection, constant luminous flux control, time-dependent luminous flux control, flexible luminous flux parameterisation

#### Certificates, Standards

- Protection rating: IP66
- Insulation class: insulation class II (safety insulation)
- Impact resistance: IK09
- Temperature range (operation): -35..+50°C
- Supplement: standard-compliant lighting for roads and squares
- Certification, designation: CE, ENEC, VDE

#### Material, Colour

- luminaire housing: diecast aluminium, powder-coated, Siteco® metallic grey (DB 702S), please order mast flange separately, luminaire inclination settable at mast flange 0°, 3°, 8°, 15° (post-top) | -3°, -8°, -15° (side-entry)
- Colour specification: Siteco® metallic grey (DB 702S)
- Cover: cover of toughened safety glass

#### Mounting

- Mounting method, mounting location: side-entry, post-top, on mast

#### Electrical connection

- Nominal voltage: 220..240V, 50/60Hz, AC
- Surge voltage resistance: 10kV 1.2/50µs

#### Dimensions, Weight

- Length: 877mm
- Width: 420mm
- Height: 194mm
- Weight: 14.8kg
- Mast spigot: spigot size: 60/76mm (post-top) and 42/60mm (side-entry), mast flange for spigot size: 42mm: 5XA76800XM4, 60mm: 5XA76800XM2, 76mm: 5XA76800XM1

#### Light emission

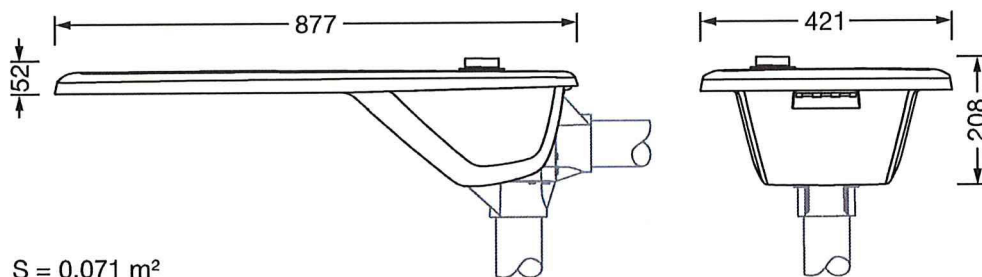
- Light emission: 0% at 0° inclination

#### Service life

- Rated service life: 100000h (L94/B10) at AT = 25°C

**Order No.:** 5XB41R2S608D | **GTIN (EAN):** 4058352373996

**Dimensions:** SL20mx,ST1.0a,38460lm740,D4i,SlabSRZhaga



It is mandatory that the assembly instructions must be observed when planning and installing the electrical installation (to be found at [www.siteco.com](http://www.siteco.com))  
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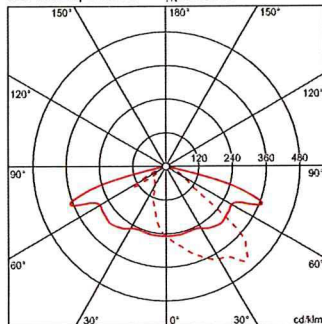
**Order No.:** 5XB41R2S608D | **GTIN (EAN):** 4058352373996  
**Planning data:** SL20mx,ST1.0a,38460lm740,D4i,SlabSRZhaga

**5XB41R2S608D: 1x LED**

4058352373996  
5XB41R2S608D

LED 4000 K | CRI  $\geq$  70

$\phi_N$  38460 lm



— C 0°/180°    - - - C 90°/270°

Luminous intensity class according to  
EN13201-2: G3

It is mandatory that the assembly instructions must be observed when planning and installing the electrical installation (to be found at [www.siteco.com](http://www.siteco.com))  
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Order No.: 5XC2A32T08HC | GTIN (EAN): 4058352390795

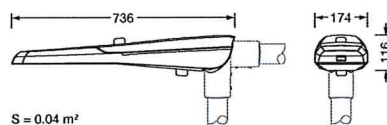
Product description: SL11 mn,ST1.2a,7250lm830,D4i,SRZhaga



Streetlight 11 mini LED, mast luminaire, primary light control with 3 zone faceted reflector, of plastic, silver coated, highly specular, primary optical cover: cover, of PMMA, transparent, light distribution: ST1.2a, light emission: direct distribution, primary light characteristic: asymmetric, installation type: post-top, side-entry, LED High Power LED, rated luminous flux: 7.250 lm, light colour: 830, colour temperature: 3000K, control gear: ECG smart interface, control: overheat protection, constant luminous flux control, time-dependent luminous flux control, flexible luminous flux parameterisation, with cable H07RN-F 3x 1.5mm<sup>2</sup>, mains connection: 220..240V, AC, 50/60Hz, connection cable pre-assembled, cable length: 8,5 m, start of lifetime: 66 W, end of lifetime: 71 W, luminaire housing, of diecast aluminium, powder-coated, Siteco® metallic grey (DB 702S), length: 736 mm, width: 174 mm, height: 116mm, spigot size: 60/76mm (post-top) and 42/60mm (side-entry), mast flange for spigot size: 42mm: 5XC10008XM4, 60mm: 5XC10008XM2, 76mm: 5XC10008XM1, protection rating (complete): IP66, insulation class (complete): insulation class II (safety insulation), certification: CE, ENEC, VDE, impact resistance: IK09, permissible ambient temperature for outdoor applications: -25..+50°C, For luminaires with Smart Interface in combination with OT DEXAL ECGs, only components which are compatible with ‚works with DEXAL‘ shall be used. If the luminaire has a Zhaga D4i certification, it is important to ensure that the selected components have a Zhaga D4i certification as well. If components are used which are not ‚works with DEXAL‘ or ‚Zhaga D4i‘ compatible, impairment issues of the luminaire or the component can occur or the luminaire or added component can get damaged., standard-compliant: lighting for roads and squares, packaging unit: 1 piece



Lamps: LED  
 Wt. (kg): 6.8  
 GTIN (EAN): 4058352390795



siteco 5XC2A32T08HC

The luminaire contains built-in LED lamps

LED

The LED-lamps cannot be changed in the luminaire

874/2012

It is mandatory that the assembly instructions must be observed when planning and installing the electrical installation (to be found at [www.siteco.com](http://www.siteco.com))  
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**Order No.:** 5XC2A32T08HC | **GTIN (EAN):** 4058352390795

**Detailed technical description:** SL11mn,ST1.2a,7250lm830,D4i,SRZhaga



#### Key data

- Product type: mast luminaire
- Product name: Streetlight 11 mini LED
- Order No.: 5XC2A32T08HC

#### Lighting technology | Lamps | Control gear

##### Component 1

#### Lighting technology:

- Light control: 3 zone faceted reflector of plastic, silver coated, highly specular
- Cover: cover, transparent
- Light distribution: ST1.2a
- Beam angle: wide distribution
- Symmetry: asymmetric distribution
- Light emission: direct distribution

#### Lamps:

- Lamps: with High Power LED, LED
- Rated luminous flux: 7250lm
- Luminous efficacy: 111lm/W
- Colour temperature: 3000K
- Colour rendering index: CRI > 80
- Light colour: 830
- SDCM (Standard Deviation of Colour Matching): MacAdam  $\leq$  5 SDCM (initial)
- Rated input power begin service life: 66
- Rated input power end service life: 71

#### Operating device:

- Control gear: ECG smart interface
- Control: D4i
- Equipment: overheat protection, constant luminous flux control, time-dependent luminous flux control, flexible luminous flux parameterisation

#### Certificates, Standards

- Protection rating: IP66
- Insulation class: insulation class II (safety insulation)
- Impact resistance: IK09
- Temperature range (operation): -25..+50°C
- Supplement: standard-compliant lighting for roads and squares
- Certification, designation: CE, ENEC, VDE

#### Material, Colour

- luminaire housing: diecast aluminium, powder-coated, Siteco® metallic grey (DB 702S), please order mast flange separately, inclination adjustable without tools at 0°, 5°, 10°, 15° (post-top) | 0°, -5°, -10°, -15° (side-entry), sealing non-destructively replaceable, multi-level sealing system
- Colour specification: Siteco® metallic grey (DB 702S)
- Cover: cover of PMMA

#### Mounting

- Mounting method, mounting location: side-entry, post-top, on mast

#### Electrical connection

- Connection: cable H07RN-F 3x 1.5mm<sup>2</sup>
- Nominal voltage: 220..240V, 50/60Hz, AC
- Surge voltage resistance: 10kV 1.2/50 $\mu$ s
- Connection cable: pre-assembled, L= 8.5m

#### Dimensions, Weight

- Length: 736mm
- Width: 174mm
- Height: 116mm
- Weight: 6.8kg
- Mast spigot: spigot size: 60/76mm (post-top) and 42/60mm (side-entry), mast flange for spigot size: 42mm: 5XC10008XM4, 60mm: 5XC10008XM2, 76mm: 5XC10008XM1

#### Light emission

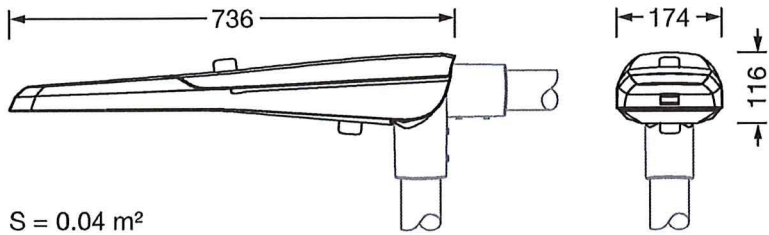
- Light emission: 0% at 0° inclination

#### Service life

- Rated service life: 100000h at AT = 25°C

Order No.: 5XC2A32T08HC | GTIN (EAN): 4058352390795

Dimensions: SL11mn,ST1.2a,7250lm830,D4i,SRZhaga



It is mandatory that the assembly instructions must be observed when planning and installing the electrical installation (to be found at [www.siteco.com](http://www.siteco.com))  
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Order No.: 5XC2A32T08HC | GTIN (EAN): 4058352390795

Planning data: SL11mn,ST1.2a,7250lm830,D4i,SRZhaga

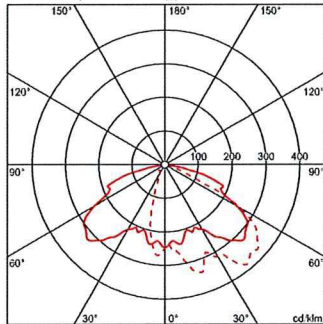
## 5XC2A32T08HC: 1x LED

4058352390795

5XC2A32T08HC

LED 3000 K | CRI  $\geq$  80

$\phi_N$  7250 lm



— C 0/180    - - - C 90/270

Luminous intensity class according to  
EN13201-2: G3

It is mandatory that the assembly instructions must be observed when planning and installing the electrical installation (to be found at [www.siteco.com](http://www.siteco.com))  
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Order No.: 5XC3A42T08MC | GTIN (EAN): 4058352390870

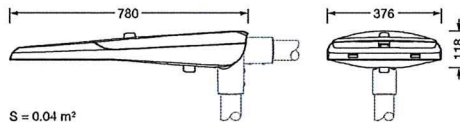
Product description: SL11md,ST1.2a,18860lm740,SRZhagaSIbe/ab



Streetlight 11 midi LED, mast luminaire, primary light control with 3 zone faceted reflector, of plastic, silver coated, highly specular, primary optical cover: cover, of PMMA, transparent, light distribution: ST1.2a, light emission: direct distribution, primary light characteristic: asymmetric, installation type: post-top, side-entry, LED High Power LED, rated luminous flux: 18.860 lm, light colour: 740, colour temperature: 4000K, control gear: ECG smart interface, control: overheat protection, constant luminous flux control, time-dependent luminous flux control, flexible luminous flux parameterisation, with cable H07RN-F 3x 1.5mm<sup>2</sup>, mains connection: 220..240V, AC, 50/60Hz, connection cable pre-assembled, cable length: 12,5 m, start of lifetime: 138 W, end of lifetime: 152 W, luminaire housing, of diecast aluminium, powder-coated, Siteco® metallic grey (DB 702S), length: 780 mm, width: 376 mm, height: 118mm, spigot size: 60/76mm (post-top) and 42/60mm (side-entry), mast flange for spigot size: 42mm: 5XC10008XM4, 60mm: 5XC10008XM2, 76mm: 5XC10008XM1, protection rating (complete): IP66, insulation class (complete): insulation class II (safety insulation), certification: CE, ENEC, VDE, impact resistance: IK09, permissible ambient temperature for outdoor applications: -25..+50°C, For luminaires with Smart Interface in combination with OT DEXAL ECGs, only components which are compatible with ,works with DEXAL' shall be used. If the luminaire has a Zhaga D4i certification, it is important to ensure that the selected components have a Zhaga D4i certification as well. If components are used which are not ,works with DEXAL' or ,Zhaga D4i' compatible, impairment issues of the luminaire or the component can occur or the luminaire or added component can get damaged., standard-compliant lighting for roads and squares, packaging unit: 1 piece



Lamps: LED  
 Wt. (kg): 11.5  
 GTIN (EAN): 4058352390870



S = 0.04 m<sup>2</sup>

siteco 5XC3A42T08MC

The luminaire contains built-in LED lamps

A++
A+
A
B
C
D
E
F

}

LED

The LED-lamps cannot be changed in the luminaire

874/2012

It is mandatory that the assembly instructions must be observed when planning and installing the electrical installation (to be found at [www.siteco.com](http://www.siteco.com))  
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Order No.: 5XC3A42T08MC | GTIN (EAN): 4058352390870

Detailed technical description: SL11md,ST1.2a,18860lm740,SRZhagaSIbe/ab



#### Key data

- Product type: mast luminaire
- Product name: Streetlight 11 midi LED
- Order No.: 5XC3A42T08MC

#### Lighting technology | Lamps | Control gear

##### Component 1

#### Lighting technology:

- Light control: 3 zone faceted reflector of plastic, silver coated, highly specular
- Cover: cover, transparent
- Light distribution: ST1.2a
- Beam angle: wide distribution
- Symmetry: asymmetric distribution
- Light emission: direct distribution

#### Lamps:

- Lamps: with High Power LED, LED
- Rated luminous flux: 18860lm
- Luminous efficacy: 137lm/W
- Colour temperature: 4000K
- Colour rendering index: CRI > 70
- Light colour: 740
- SDCM (Standard Deviation of Colour Matching): MacAdam  $\leq$  5 SDCM (initial)
- Rated input power begin service life: 138
- Rated input power end service life: 152

#### Operating device:

- Control gear: ECG smart interface
- Equipment: overheat protection, constant luminous flux control, time-dependent luminous flux control, flexible luminous flux parameterisation

#### Certificates, Standards

- Protection rating: IP66
- Insulation class: insulation class II (safety insulation)
- Impact resistance: IK09
- Temperature range (operation): -25..+50°C
- Supplement: standard-compliant lighting for roads and squares
- Certification, designation: CE, ENEC, VDE

#### Material, Colour

- luminaire housing: diecast aluminium, powder-coated, Siteco® metallic grey (DB 702S), please order mast flange separately, inclination adjustable without tools at 0°, 5°, 10°, 15° (post-top) | 0°, -5°, -10°, -15° (side-entry), sealing non-destructively replaceable, multi-level sealing system
- Colour specification: Siteco® metallic grey (DB 702S)
- Cover: cover of PMMA

#### Mounting

- Mounting method, mounting location: side-entry, post-top, on mast

#### Electrical connection

- Connection: cable H07RN-F 3x 1.5mm<sup>2</sup>
- Nominal voltage: 220..240V, 50/60Hz, AC
- Surge voltage resistance: 10kV 1.2/50 $\mu$ s
- Connection cable: pre-assembled, L= 12.5m

#### Dimensions, Weight

- Length: 780mm
- Width: 376mm
- Height: 118mm
- Weight: 11.5kg
- Mast spigot: spigot size: 60/76mm (post-top) and 42/60mm (side-entry), mast flange for spigot size: 42mm: 5XC10008XM4, 60mm: 5XC10008XM2, 76mm: 5XC10008XM1

#### Light emission

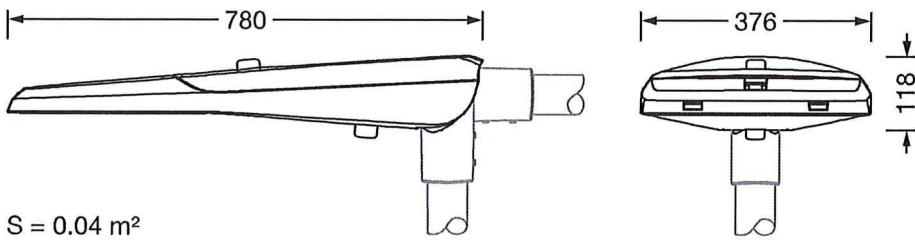
- Light emission: 0% at 0° inclination

#### Service life

- Rated service life: 100000h at AT = 25°C

Order No.: 5XC3A42T08MC | GTIN (EAN): 4058352390870

Dimensions: SL11md,ST1.2a,18860lm740,SRZhagaSIbe/ab



Order No.: 5XC3A42T08MC | GTIN (EAN): 4058352390870

Planning data: SL11md,ST1.2a,18860lm740,SRZhagaSIbe/ab

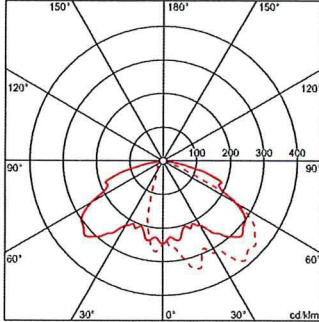
5XC3A42T08MC: 1x LED

4058352390870

5XC3A42T08MC

LED 4000 K | CRI  $\geq$  70

$\phi_N$  18860 lm



— C 0/180    - - - C 90/270

Luminous intensity class according to  
EN13201-2: G3

It is mandatory that the assembly instructions must be observed when planning and installing the electrical installation (to be found at [www.siteco.com](http://www.siteco.com))  
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