

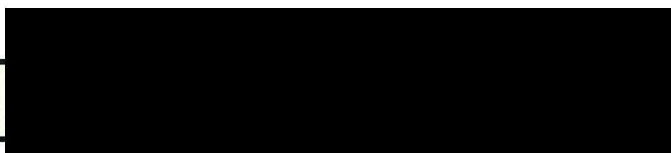


## **BRATISLAVA** Príloha č. 2 - Návrh na plnenie kritéria

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:	
E-mailová adresa:	
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
425 018,93	85 003,79	510 022,72

V Bratislave	dňa 02.09.2021	
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Príloha: Výkaz výmer  
 Stavba: Obnova verejného osvetlenia v Bratislave - balík 01  
 Objekt: Modernizácia verejného osvetlenia - Saratovská, Dúbravka  
 (v úseku od Bagarovej po Agátovú - nemodernizovaný úsek)

P.Č.	Skrátený popis	Výmera DU-DKR	MJ	Cena jednotková	Cena celkom DU-DKR	Poznámka
<b>01</b>	<b>Zemné práce</b>					
					<b>Spolu: 0,00 €</b>	bez DPH
<b>02</b>	<b>Demontážne práce</b>					
0202	Demontáž svetidla do výšky 8m	4	ks	13,50 €	54,00 €	
0203	Demontáž svetidla do výšky 12m	203	ks	15,50 €	3 146,50 €	
0299	Podiel pridružených výkonov	5	%	0,29 €	1,45 €	
					<b>Spolu: 3 201,95 €</b>	bez DPH
<b>03</b>	<b>Montážne práce</b>					
0301	Montáž - kábel CYKY-J 3x1,5 - napojenie svetidla zo stožiarovej svorkovnice	2500	m	0,50 €	1 250,00 €	
0311	Zapojenie vývodu pre svetidlo v stožiarovej svorkovnici, uzatvorenie svorkovnice	203	ks	16,50 €	3 349,50 €	
0312	Montáž nosného lanka pre závesné osvetlenie vrátane kotevných prvkov	80	m	2,23 €	178,40 €	
0313	Montáž poistkového kompletu pre svetidlo na vzdušnom vedení / závesné svetidlo	4	ks	10,35 €	41,40 €	
0324	Montáž svetidla do výšky 12m	207	ks	19,85 €	4 108,95 €	
0325	Očistenie stožiara a výložníka do výšky 12m pred náterom	199	ks	427,00 €	84 973,00 €	
0326	Náter stožiara a výložníka do výšky 12m 2-vrstvový	199	ks	497,00 €	98 903,00 €	
0399	Podiel pridružených výkonov	5	%	9,73 €	48,67 €	
					<b>Spolu: 192 852,92 €</b>	bez DPH
<b>04</b>	<b>Materiál</b>					
0401	Kábel CYKY-J 3x1,5	2500	m	1,05 €	2 625,00 €	
0414	Nosné lanko pre závesné osvetlenie vrátane kotevných prvkov	80	m	1,55 €	124,00 €	
0415	Poistkový komplet pre svetidlo na vzdušnom vedení / závesné svetidlo	4	ks	15,00 €	60,00 €	
0423	Svetidlo cestné LED typ SL11 midi 4000K alebo ekvivalent podľa špecifikácie minimálnych technických štandardov	203	ks	485,00 €	98 455,00 €	
0424	Svetidlo cestné LED typ DL50 midi 4000K alebo ekvivalent podľa špecifikácie minimálnych technických štandardov	4	ks	1 195,00 €	4 780,00 €	
0425	Náter stožiara a výložníka do výšky 12m 2-vrstvový, RAL7016	199	ks	306,00 €	60 894,00 €	
0499	Podružný materiál	5	%	20,04 €	100,18 €	
					<b>Spolu: 167 038,18 €</b>	bez DPH
<b>05</b>	<b>Iné práce</b>					
0501	Vypracovanie POD, prerokovanie a schválenie operatívnej dopravnej komisie	1	kpl	335,00 €	335,00 €	
0503	Projektový manažment, inžiniering	1	kpl	1 200,00 €	1 200,00 €	
0504	Východisková revízia	1	kpl	3 610,00 €	3 610,00 €	
0505	Dokumentácia skutočného vyhotovenia - Zanesenie do technickej evidencie vrátane technickej mapy mesta	1	kpl	2 500,00 €	2 500,00 €	
0599	Podiel pridružených výkonov	5	%	76,45 €	382,25 €	
					<b>Spolu: 8 027,25 €</b>	
<b>Rekapitulácia</b>						
01	Zemné práce				0,00 €	bez DPH
02	Demontážne práce				3 201,95 €	bez DPH
03	Montážne práce				192 852,92 €	bez DPH
04	Materiál				167 038,18 €	bez DPH
05	Iné práce				8 027,25 €	bez DPH
<b>Celkom</b>					<b>371 120,30 €</b>	bez DPH

Príloha: Výkaz výmer  
 Stavba: Obnova verejného osvetlenia v Bratislave - balík 01  
 Objekt: Modernizácia verejného osvetlenia - Nábřeží arm. Gen. Ludvíka Svobodu, Staré Mesto  
 (v úseku od River parku po Most SNP - nemodernizovaný úsek)

P.Č.	Skrátený popis	Výmera SM-NabrLS	MJ	Cena jednotková	Cena celkom SM-NabrLS	Poznámka
<b>01</b>	<b>Zemné práce</b>					
					<b>Spolu: 0,00 €</b>	bez DPH
<b>02</b>	<b>Demontážne práce</b>					
0203	Demontáž svetidla do výšky 12m	89	ks	15,50 €	1 379,50 €	
0299	Podiel pridružených výkonov	5	%	0,16 €	0,78 €	
					<b>Spolu: 1 380,28 €</b>	bez DPH
<b>03</b>	<b>Montážne práce</b>					
0301	Montáž - kábel CYKY-J 3x1,5 - napojenie svetidla zo stožiarovej svorkovnice	1200	m	0,50 €	600,00 €	
0311	Zapojenie vývodu pre svetidlo v stožiarovej svorkovnici, uzatvorenie svorkovnice	89	ks	16,50 €	1 468,50 €	
0324	Montáž svetidla do výšky 12m	89	ks	16,26 €	1 447,14 €	
0399	Podiel pridružených výkonov	5	%	0,33 €	1,66 €	
					<b>Spolu: 3 517,30 €</b>	bez DPH
<b>04</b>	<b>Materiál</b>					
0401	Kábel CYKY-J 3x1,5	1200	m	1,05 €	1 260,00 €	
0423	Svetidlo cestné LED typ SL11 midi 4000K alebo ekvivalent podľa špecifikácie minimálnych technických štandardov	89	ks	485,00 €	43 165,00 €	
0499	Podružný materiál	5	%	4,86 €	24,30 €	
					<b>Spolu: 44 449,30 €</b>	bez DPH
<b>05</b>	<b>Iné práce</b>					
0501	Vypracovanie POD, prerokovanie a schválenie operatívnej dopravnej komisie	1	kpl	335,00 €	335,00 €	
0503	Projektový manažment, inžiniering	1	kpl	600,00 €	600,00 €	
0504	Východisková revízia	1	kpl	1 600,00 €	1 600,00 €	
0505	Dokumentácia skutočného vyhotovenia - Zanesenie do technickej evidencie vrátane technickej mapy mesta	1	kpl	1 800,00 €	1 800,00 €	
0599	Podiel pridružených výkonov	5	%	43,35 €	216,75 €	
					<b>Spolu: 4 551,75 €</b>	
<b>Rekapitulácia</b>						
01	Zemné práce				0,00 €	bez DPH
02	Demontážne práce				1 380,28 €	bez DPH
03	Montážne práce				3 517,30 €	bez DPH
04	Materiál				44 449,30 €	bez DPH
05	Iné práce				4 551,75 €	bez DPH
<b>Celkom</b>					<b>53 898,63 €</b>	bez DPH

Order No.: 5XA249241B08A6 | GTIN (EAN): 4058352061374

Product description: DL50md,cat,ST1.2s,LED10990lm740,Plus



DL® 50 midi, catenary luminaire, primary light control with 3 zone faceted reflector, of plastic, silver coated, highly specular, primary optical cover: cover, of toughened safety glass, transparent, partly screenprinted, light distribution: ST1.2s, light emission: direct distribution, primary light characteristic: symmetric, installation type: suspended mounting, LED High Power LED, rated luminous flux: 10.990 lm, light colour: 740, colour temperature: 4000K, control gear: ECG Plus, control: flexible luminous flux parameterisation, time-dependent luminous flux control, digital communication interface, power reduction, overheat protection, optimised constant luminous flux control (CLO 2.0), electronic power reduction, mains connection: 220..240V, AC, 50/60Hz, start of lifetime: 78 W, end of lifetime: 80 W, reduction: 38 W, luminaire housing, of diecast aluminium, powder-coated, Siteco® metallic grey (DB 702S), diameter: 640 mm, height: 130mm, protection rating (complete): IP66, insulation class (complete): insulation class II (safety insulation), certification: CE, ENEC, VDE, impact resistance: IK08, permissible ambient temperature for indoor applications: -25..+25°C, standard-compliant lighting for roads and squares, packaging unit: 1 piece

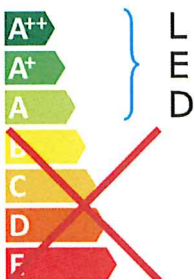


Lamps: LED  
Wt. (kg): 13.3  
GTIN (EAN): 4058352061374

siteco 5XA249241B08A6

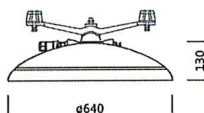


The luminaire contains built-in LED lamps



The LED-lamps cannot be changed in the luminaire

874/2012



$A_{\text{eff}} = 0,07 \text{ m}^2$

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.:** 5XA249241B08A6 | **GTIN (EAN):** 4058352061374

**Detailed technical description:** DL50md,cat,ST1.2s,LED10990lm740,Plus



## Key data

- Product type: catenary luminaire
- Product name: DL® 50 midi
- Order No.: 5XA249241B08A6

## Lighting technology | Lamps | Control gear

### Component 1

#### Lighting technology:

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

#### Lamps:

- Lamps: with High Power LED, LED
- Rated luminous flux: 10990lm
- Luminous efficacy: 141lm/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: 78
- Rated input power end service life: 80
- Rated input power at 50% lumin. flux: 38
- Supplement: luminaire connection with Wieland plug system

#### Operating device:

- Control gear: ECG Plus
- Control: Plus
- Equipment: overheat protection, power reduction, digital communication interface, time-dependent luminous flux control, flexible luminous flux parameterisation, optimised constant luminous flux control (CLO 2.0)
- Switching method: electronic power reduction

## Certificates, Standards

- Protection rating: IP66
- Insulation class: insulation class II (safety insulation)
- Impact resistance: IK08
- Temperature range (operation): -25...+25°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)
- Colour specification: Siteco® metallic grey (DB 702S)
- Cover: cover of toughened safety glass

## Mounting

- Mounting method, mounting location: suspended mounting, to wire
- Supplement: wire suspension required as accessory

## Electrical connection

- Nominal voltage: 220...240V, 50/60Hz, AC
- Surge voltage resistance: 6kV 1.2/50µs

## Dimensions, Weight

- Diameter: 640mm
- Height: 130mm
- Weight: 13.3kg

## Light emission

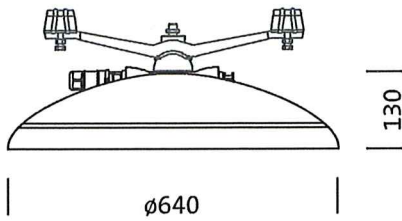
- Light emission: 0%

## Service life

- Rated service life: 100000h (L96/B10) at AT = 25°C

**Order No.:** 5XA249241B08A6 | **GTIN (EAN):** 4058352061374

**Dimensions:** DL50md,cat,ST1.2s,LED10990lm740,Plus



$A_w = 0,07 \text{ m}^2$

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

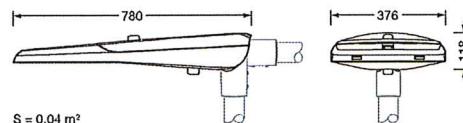
**Product description:** SL11md,ST1.2a,18860lm740,SRZhagaSlbe/ab



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



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

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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 1.2/50μs
- 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

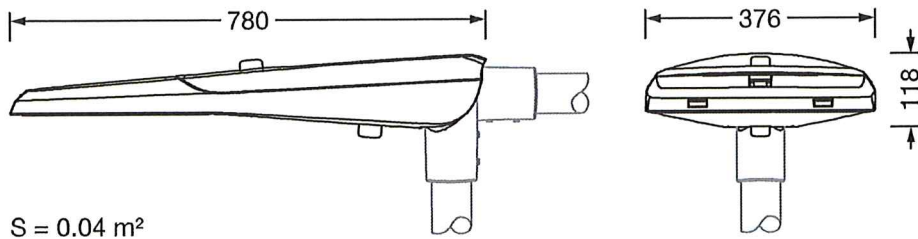
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**Order No.:** 5XC3A42T08MC | **GTIN (EAN):** 4058352390870

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



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

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

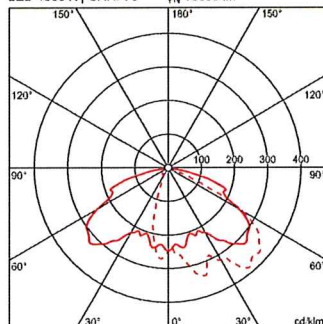
**5XC3A42T08MC: 1x LED**

4058352390870

5XC3A42T08MC

LED 4000 K | CRI ≥ 70

$\phi_N$  18860 lm



— C 0/180    - - - C 90/270

Luminous intensity class according to  
EN13201-2: G3

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