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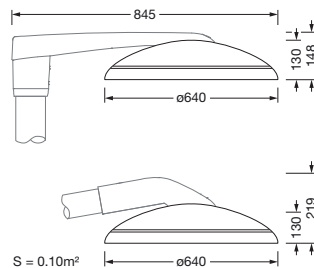**Order No.:** 5XA2492E1ZS00092XX | **GTIN (EAN):** 4058352448816
Product description: DL50md,ST1.2a,12800lm830,D4i,SIa

 0% 0°

DL® 50 midi, mast luminaire, primary light control with 3 zone facetted reflector, of plastic, silver coated, highly specular, primary optical cover: cover, of toughened safety glass, partly screenprinted, 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: 12.800lm, luminous efficacy: 110lm/W, light colour: 830, colour temperature: 3000K, control gear: ECG Smart Interface, control: overheat protection, digital communication interface, time-dependent luminous flux control, flexible luminous flux parameterisation, mains connection: 220..240V, AC, 50/60Hz, connection cable pre-assembled, cable length: 10,5m, start of lifetime: 117W, end of service life: 123W, luminaire housing, of diecast aluminium, powder-coated, Siteco® metallic grey (DB 702S), inclination adjustable: 0°, 5°, 10° (post-top) | 0°, -5°, -10°, -15° (side-entry), please order mast post-top element or mast side-entry element separately, diameter: 640mm, height: 130mm, post-top: for spigot size d x l = 76 x 100mm; with reducer (optional accessory) 60 x 100mm | side-entry: for spigot size d x l = 60 x 100mm; with reducer (optional accessory) 42 x 100mm, Smart Interface above, protection rating (complete): IP66, insulation class (complete): insulation class II (safety insulation), certification: CE, impact resistance: IK08, permissible operating ambient temperature: -25..+25°C, standard-compliant lighting for roads and squares, packaging unit: 1 piece

IP 66   IK 08   ☐   CE

Lamps:	LED
Wt. (kg):	15.4
GTIN (EAN):	4058352448816

845
130 148
ø640

S = 0.10m²
130 219
ø640

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Order No.: 5XA2492E1ZS00092XX | **GTIN (EAN):** 4058352448816
Detailed technical description: DL50md,ST1.2a,12800lm830,D4i,SIa

Key data
— Product type: mast luminaire
— Product name: DL® 50 midi
— Order No.: 5XA2492E1ZS00092XX

Lighting technology | Lamps | Control gear

Component 1

Lighting technology:
— Light control: 3 zone facetted reflector of plastic, silver coated, highly specular
— Cover: cover, transparent, partly screenprinted
— 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: 12800lm
— Luminous efficacy: 110lm/W
— Colour temperature: 3000K
— Colour rendering index: CRI > 80
— Light colour: 830
— SDCM (Standard Deviation of Colour Matching): MacAdam ≤ 5 SDCM (initial)
— Rated input power begin service life: 117
— Rated input power end service life: 123
— Supplement: 2x SDI wiring required

Operating device:
— Control gear: ECG Smart Interface
— Control: D4i, Smart Interface above
— Equipment: overheat protection, digital communication interface, time-dependent luminous flux control, flexible luminous flux parameterisation

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

Material, Colour
— luminaire housing: diecast aluminium, powder-coated, Siteco® metallic grey (DB 702S), inclination adjustable: 0°, 5°, 10° (post-top) | 0°, -5°, -10°, -15° (side-entry), please order mast post-top element or mast side-entry element separately
— 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
— Connection cable: pre-assembled, L= 10.5m

Dimensions, Weight
— Diameter: 640mm
— Height: 130mm
— Weight: 15.4kg
— Mast spigot: post-top: for spigot size d x l = 76 x 100mm; with reducer (optional accessory) 60 x 100mm | side-entry: for spigot size d x l = 60 x 100mm; with reducer (optional accessory) 42 x 100mm

Light emission
— Light emission: 0% at 0° inclination

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

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Order No.: 5XA2492E1ZS00092XX | **GTIN (EAN):** 4058352448816
Dimensions: DL50md,ST1.2a,12800lm830,D4i,SIa

845

130 148

ø640

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S = 0.10m²