

Project Title:	Kings Cross S3 Building.		Submission no:	BAMSE-TS-E- 054 Rev 01
Contract No:	HLN - 0284.			
To:	A Thelwell S Longhi Brian Patey Genesis Gomez	Company:	BAM Design - For Approval Bennetts – For information Sweco – For information Sweco – For information	
Approval of the following equipment is required:				
Equipment:	Luminares			
Manufacturer:	Fagerhult lighting			
Description:	Type XB1			
Specification References: BAMD Particular Specification E1 A4-005 BAMD Luminaire schedule 10 Rev A4 - 006				
Attached Detail Documents:				
BAM equipment schedule:		Luminaire schedule 10 Rev 006		
Manufacturers details:		As Above		
		Following comments at Rev 00 revised spec sheets attached highlighted to match BAMD comments returned.		
Data sheets:		BAMD Specification detail & manufacturers literature for the luminaire, Dali driver, suspension kits where applicable and emergency battery unit info where external from luminaire all appended to this submittal.		
Electrical requirements for equipment: na.				
Planned site delivery: 2021 As programme				
Issued by: BAM Construction Ltd.	A Ambrose	Date	29/11/2021	
Please return comments by: 06/12/2021 to achieve construction delivery dates.				

To be completed and returned by Consultant Design Engineer			
Technical submission is ** approved / approved with comments / not approved . (**delete as appropriate)			
Returned by:	Andrew Thelwell	Company:	Bam Design
Signature:		Date:	08-12-2021

KX - Zone S Public Realm
London, UK

Building S3 mounted Public Realm lighting
KXC-S3-001-J-10827B-63-810, Revision 00

Building-mounted downlight



Description:
Exterior quality IP66, IK07, surface mounted downlight with aluminium reflector for symmetrical narrow (7.2°) light distribution.

Utilising 21W warm white 3000K CCT LED array with a colour rendering index of Ra 80 and a delivered output of 1767 lumens.

Die cast aluminium construction with powder coating finish, RAL colour to Architect's specification. Exterior fixing parts are stainless steel, the front cover is a tempered safety glass with silicon frame.

To be supplied with integral electronic 1-100% DALI-dimmable LED driver.

Luminaire:
IP Rating: IP66
Optical distribution: 7.2deg.
Mounting: Surface mounted
Finish: TBO by architect
Circuit/System Wattage(W) 21 W
Lumen Output: (lm) 1767 lm
(delivered lumens)
Luminaire Efficacy: (lm/W) 84 lm/W
(luminaire lumens/circuit Watt)

Accessories:
N/A

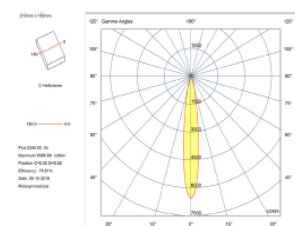
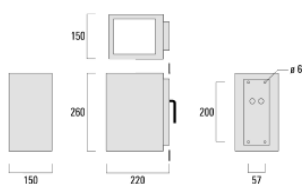
Luminaire Ref.

XB1

Luminaire Ordering Information:
Manufacturer: We-ef
Product: VL9420 LED
Catalogue Number: 131-0212

Ordering Notes:
Finish to be confirmed by architect
To be supplied with driver listed below.

Accessory Ordering Information:
Catalogue Number: N/A



Special Requirements:

N/A

Light Source:
Type: LED
Wattage: 18W
Colour Temperature: 3000K
Colour Rendering: Ra 80+
Base: Integral LED
Lamp Lumens: (lm) 2340 lm
Efficacy: (lm/W) N/A
Rated Life: 60,000 hrs (L70B10 for LED)
Colour Consistency: 2 MacAdam ellipse (LED only)

Driver/ Ballast:
Driver/Ballast type: Integral
IP Rating: N/A
Elec. Input: 230VAC
Output: Constant current 1050mA

Maximum Current/Load: N/A
Dimming Range: 100% - 1%
Control Protocol: DALI
Size: (if remote) N/A
Weight: (if remote) N/A

DC Power Supply: (if required)
IP Rating: N/A
Elec. Input: N/A
Output Voltage: N/A
Maximum Current/Load: N/A
Size: N/A
Weight: N/A

Light Source Ordering Information:
Manufacturer: N/A
Reference: N/A

Qty. per luminaire: 6no.
Notes: Integral

Driver Ordering Information:
Manufacturer: N/A
Catalogue Number: 430-0013

Max. quantity of luminaires per driver: 1no.
Notes: To be supplied by luminaire manufacturer/supplier

Important Notes:

All wiring, containment, etc. to electrical contractor's drawings, details and specification.
All associated fixings, mounting and bracketry to contractor's drawings, details and specification.

Refer to drawings + documents:

- Lighting Arrangement drawings
- KXC-S3-001-J-10827B-63-101
- KXC-S3-001-J-10827B-63-201
- Lighting Detail drawing
- KXC-S3-001-J-10827B-63-502

Driver + DC Power Supply Notes:

Exact configuration of drivers/ DC power supplies to manufacturers recommendations.
Maximum distance from driver/DC power supply to luminaires - Refer to manufacturer for confirmation of exact cable sizes and run lengths.

Manufacturer/Supplier Information:

Manufacturer/Supplier: We-ef
Telephone: N/A
Email: info.uk@we-ef.com
Contact: Rob Marsh
Contact Telephone: +44 07804 256457
Contact Email: r.marsh@we-ef.com

**Description**

IP66, Class I, IK07. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Silicone rubber gasket. Safety glass lens. Two cable entries. Integral EC electronic converter. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept. Factory installed LED circuit board. 1-10V or DALI interface on request. Optional 2200 K version up to max. 1050mA available. To be specified at time of ordering.

Beam Type	symmetric, narrow beam [E]
------------------	----------------------------

Light Source	LED-6/18W / 1050 mA - 3000 K
---------------------	------------------------------

CRI	80
------------	----

Gear Type	EC
------------------	----

Nominal Luminous Flux (lm)

LED Lumens	390 lm
------------	--------

LEDs	6
------	---

Total Lumens	2340 lm
--------------	---------

Tj	85 °C
----	-------

Rated Luminous Flux (lm)

LED Lumens	294.5 lm
------------	----------

Total Lumens	1766.7 lm
--------------	-----------

Ta	25 °C
----	-------

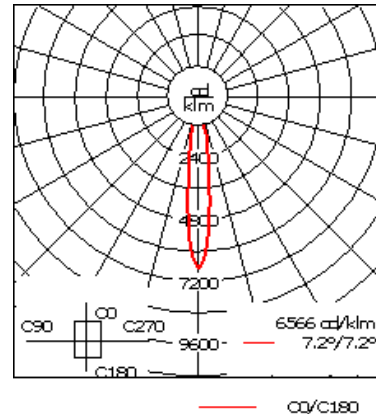
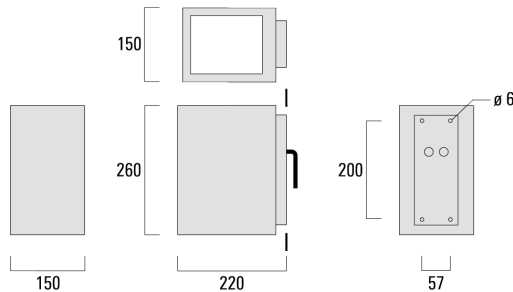
Rated Input Power	22 W
--------------------------	------

VLS420 LED

131-0212

2/3

we-ef



Material Specification

Body:	Marine-grade die-cast aluminium alloy
Weight (kg):	4.90
Lens:	Safety glass lens
Colours:	RAL9004 Signal black RAL9006 White aluminium RAL9007 Grey aluminium RAL7016 Anthracite grey RAL9016 Traffic white
Gasket:	Silicone rubber gasket
Fasteners:	PCS Polymer Coated Stainless Steel Hardware
Ingress protection:	IP66
Impact protection:	IK07
Corrosion protection:	5CE
Surge protection:	1/2 kV

Electrical Specification

Power supply:	220-240V / 50-60 Hz
Driver / Ballast:	Integral EC electronic converter
Cable:	Two cable entries

Lifetime

Ta=25° L90B10 > 90000h

Mounting Accessories

Column fitter

Mounting plate for installing VLS400 series on columns.

VLS420 LED

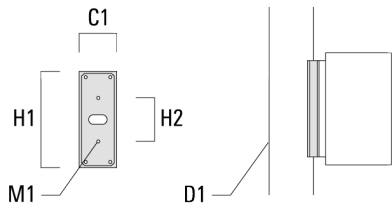
131-0212



3/3

■ CF-410/420

	C1	D1	H1	H2	M1	Weight (kg)
131-9140	83	140	220	100	6	0.60



Control

DALI interface

Dali compatible control gear

■ DALI interface

430-0013



WE-EF LEUCHTEN

Montage- und
Wartungshinweise für
Wandleuchten

Serie SLS400 LED

Serie VLS400 LED

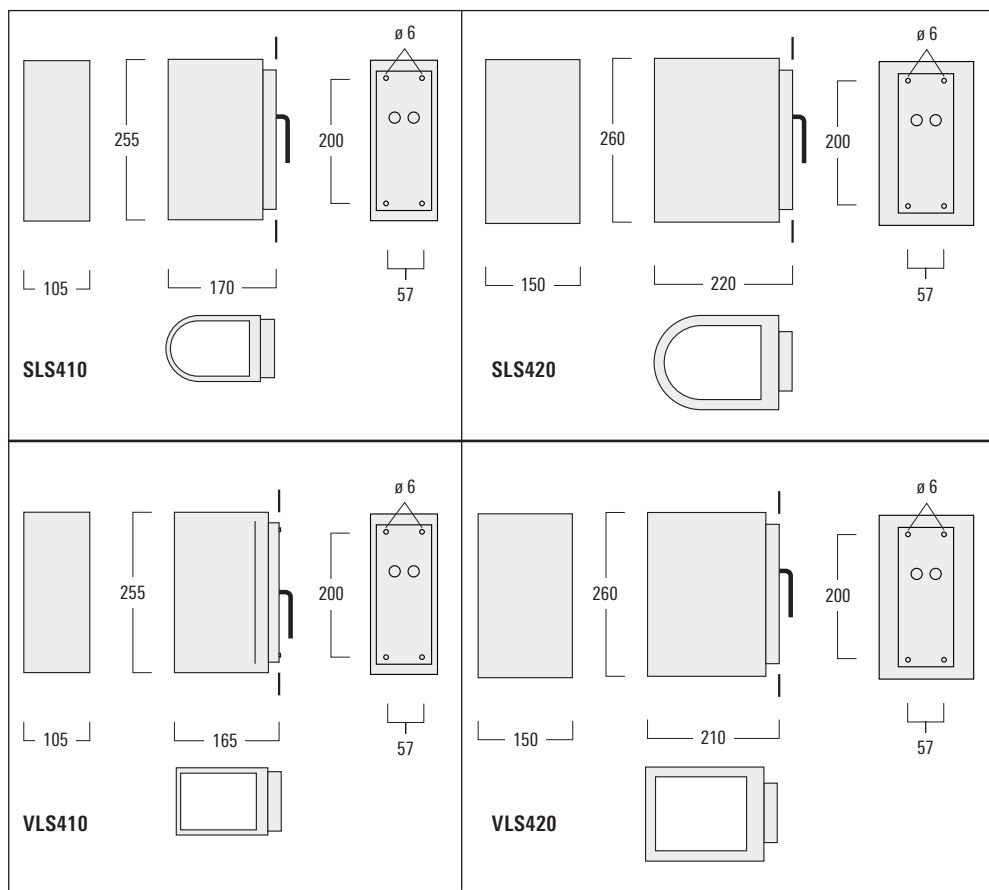
Installation and
Maintenance Instructions for
Wall Luminaires Surface Mounted

SLS400 LED Series

VLS400 LED Series

Wandleuchten

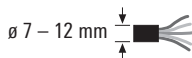
Wall Luminaires Surface Mounted



Lampen / Lamps

VLS410 3 LED 6W / 2x 3 LED / 12W

VLS420 6 LED 12W / 2x 6 LED / 24W



Schutzart / Protection IP66, IK07

Schutzklasse / Class I, $t_a = 40^{\circ}\text{C}$

Benötigtes Werkzeug

- Schlitzschraubendreher 3x1
- Schraubendreher TX20
- Schraubendreher TX25

Tools required

- Screwdriver with blade 3x1
- Screwdriver TX 20
- Screwdriver TX 25

Montage

Montage und Wartung des Produkts dürfen nur von Fachpersonal mit entsprechender beruflicher Qualifikation in Übereinstimmung mit den geltenden bautechnischen und/oder elektrischen Vorschriften durchgeführt werden.

⚡ Achtung! Vor dem Montieren und Anschließen der Leuchte die Spannungsversorgung abschalten. Leuchte niemals bei eingeschalteter Spannungsversorgung öffnen.

Hinweis: Modifikationen an der Leuchte, die nicht durch den Originalhersteller erfolgen, führen zum Erlöschen der Garantie des Originalherstellers und zum vollständigen Übergang der Verpflichtungen daraus auf die modifizierende Person/Organisation. Ansprüche aufgrund von Mängeln, die direkt oder indirekt auf unsachgemäße Montage und/oder Anwendung zurückzuführen sind, sind ausgeschlossen.

Bei Ausfall von Komponenten aufgrund ungewöhnlicher Umstände oder am Ende der Lebensdauer darf der Austausch nur von geschultem Fachpersonal mit entsprechender beruflicher Qualifikation ausgeführt werden.

Bei Fragen wenden Sie sich bitte an unsere technische Hotline unter +49 5194 909209 (Montag - Freitag von 08:00 Uhr bis 16:00 Uhr).

Vorgehensweise

- 1) Spannungsfreiheit der Anschlussleitung herstellen. ⚡
- 2) Den Wandflansch **A** von der Abdeckung **B** durch Lösen der Schrauben **C** entfernen.
- 3) Die auf der Leuchte angegebenen Werte für Spannung und Frequenz müssen mit den örtlichen Gegebenheiten übereinstimmen.
- 4) Positionen der 4 Befestigungsschrauben **D** festlegen. Entsprechende Löcher **E** bohren und die Wandstopfen **F** einsetzen.

Achtung: Bitte sichergehen, dass keine elektrischen Kabel, Wasserleitungen oder andere Geräte während des Bohrvorganges beschädigt werden.

Installation

The product must be installed and maintained by a suitably qualified professional in compliance with latest building/construction and/or electrical regulations and relevant legislation.

⚡ Warning: Switch off mains electrical supply prior to installing and connecting the luminaire. Do not open luminaire while mains supply is switched on.

Notice: If the luminaire is modified by anybody other than the original manufacturer, then the warranty will no longer be valid and shall become the full responsibility of the modifying person/organisation. Claims based on defects attributable to improper installation and/or application, and the consequences thereof, are excluded.

In case of component failure due to abnormal circumstances or at end of life, replacement must be carried out by a suitably qualified and trained professional.

In case of questions please contact our technical hotline: +49 5194 909209 (from Monday - Friday from 08.00 until 16.00 hours.

Installation Procedure

- 1) Switch off the mains electrical supply. ⚡
- 2) Remove wall flange **A** from cover **B** by releasing screws **C**.
- 3) Check that rating shown on luminaire label conforms with mains electrical supply.
- 4) Determine positions for four fixing screws **D**. Drill relevant holes **E** and insert wall plugs **F**.

Caution: Make sure not to damage any electric cable, water pipe or other devices while drilling holes.

- 5) Das Anschlusskabel **G** (und, falls gewünscht, das zweite Kabel **H** für Durchverdrahtung) durch die Kabelverschraubung **I** an der Seite des Wandflansches führen, während Wandflansch in Position gebracht und befestigt wird. Die Kabelverschraubung **I** ist passend für Kabeldurchmesser von 7 bis 12 mm.
- 6) Stellen Sie sicher, dass der Richtungspfeil **R** vom Wandflansch nach oben zeigt, und dass die Leuchte korrekt ausgerichtet ist. Dann den Wandflansch durch einsetzen und festziehen der Schrauben **D** befestigen.
- 7) Die Anschlussleitungen an die entsprechenden Verbindungen des Steckverbinders **J** wie folgt anschließen:

Nicht dimmbare Leuchten

SKI → Phase an **L1**, Neutraleiter an **N**, Schutzleiter an $\oplus$

SKII → Phase an **L1**, Neutraleiter an **N**

Bei Schutzklasse II entfällt der Schutzleiter.

1-10V / DALI / WE-EF Eco Step Dim® Dynamic

SKI → Phase an **DA+**, Neutraleiter an **N**,
Steuerphase **+** an **L2**, Steuerphase **–** an **DA–**
und Schutzleiter an $\oplus$,

SKII → Phase an **L1**, Neutraleiter an **N**,
Steuerphase **+** an **DA+**, Steuerphase **–** an **DA–**

- 8) Kabelverschraubung(en) **I** festziehen.
- 9) Abdeckung **B** wieder auf Wandflansch **A** setzen und durch gleichmäßiges Festziehen der Schrauben **C** (5 Nm) befestigen.

Wartung

Abgesehen von der regelmäßigen Reinigung der Außenseite der Leuchte sind keine weiteren Wartungsarbeiten nötig.

- 5) Feed the mains supply cable **G** (and the second cable **H** for through wiring, if required) through the cable gland **I** at the side of the wall flange, while setting and fixing wall flange in position. The cable gland **I** is suitable for cable diameters 7 to 12 mm.
- 6) Ensure the point arrow mark **R** on the wall flange aims upwards and that the luminaire is properly oriented. Fix the wall flange by inserting and tightening screws **D**.
- 7) Connect mains supply leads to respective terminals in terminal connectors **J** as follows:

Non dimmable luminaires

Class I → Phase to **L1**, Neutral to **N**, Earthing to $\oplus$

Class II → Phase to **L1**, Neutral to **N**

Earthing is omitted for class II.

1-10V / DALI / WE-EF Eco Step Dim® Dynamic

Class I → Phase to **DA+**, Neutral to **N**,
Phase **+** to **L2**, Phase **–** to **DA–**
and Earthing to $\oplus$

Class II → Phase to **L1**, Neutral to **L3**,
Phase **+** to **DA+**, Phase **–** to **DA–**

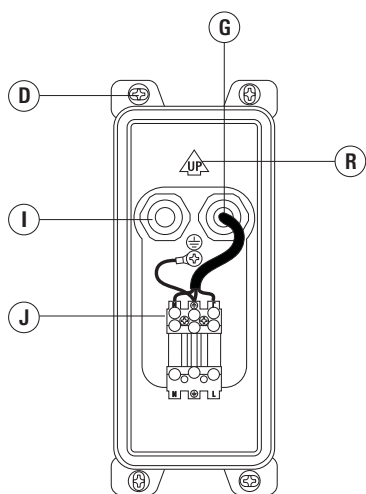
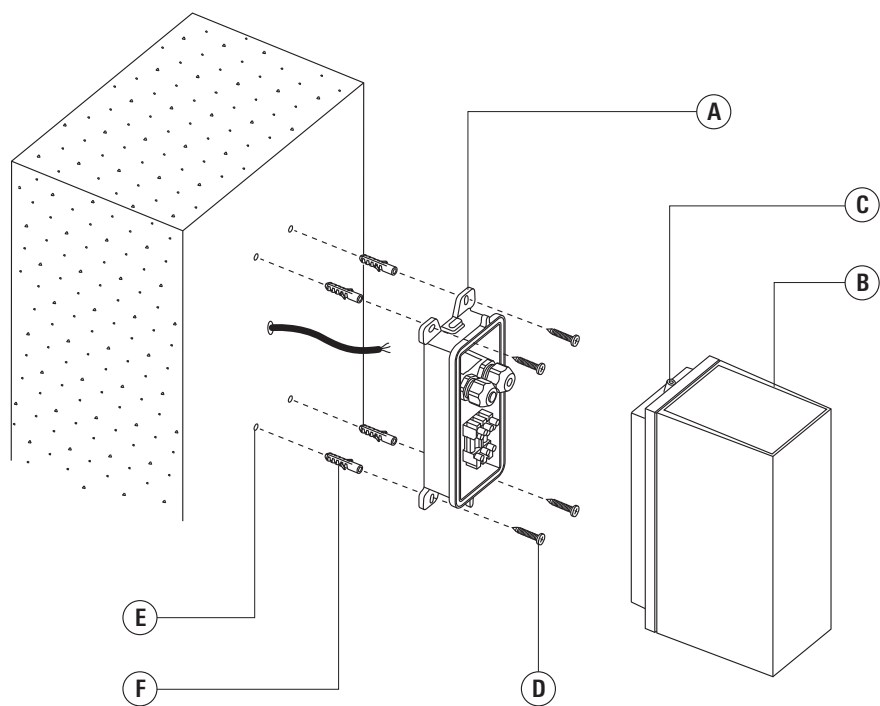
- 8) Tighten cable gland(s) **I**.
- 9) Reposition cover **B** on wall flange **A** and secure in position by evenly tightening the screws **C** (5 Nm).

Maintenance

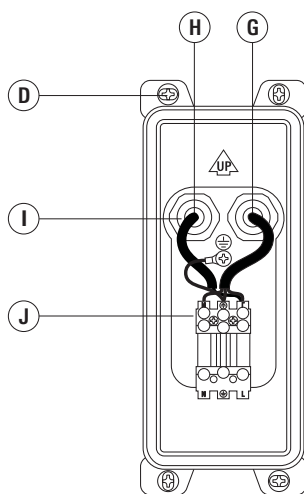
Apart from cleaning the outside of the luminaire, no special maintenance work is necessary.

Anziehmomente für Schrauben / Torque

Schraube / Screw	Anziehmoment / Torque
M4	max. 2,0 Nm
M5	max. 4,0 Nm
M6	max. 6,0 Nm
M8	max. 15,0 Nm
M16	max. 100,0 Nm



Einzelanschluss
Individual connection



Durchverdrahtung
Through wiring

The logo for we-ef, featuring the text "we-ef" in a bold, white, sans-serif font on a black rectangular background.

www.we-ef.com

WE-EF LEUCHTEN

Germany

Tel +49 5194 909 0

Fax +49 5194 909 299

info.germany@we-ef.com

WE-EF LUMIERE

France

Tel +33 4 74 99 14 44

Fax +33 4 74 99 14 40

info.france@we-ef.com

WE-EF HELVETICA

Switzerland

Tel +41 22 752 49 94

Fax +41 22 752 49 74

info.switzerland@we-ef.com

WE-EF LIGHTING

United Kingdom

Tel +44 844 880 5346

Fax +44 844 880 5347

info.uk@we-ef.com

WE-EF LIGHTING

Thailand

Tel +66 2 738 9610

Fax +66 2 175 2174

info.asiapacific@we-ef.com

WE-EF LIGHTING

Australia

Tel +61 3 8587 0444

Fax +61 3 8587 0499

info.australia@we-ef.com

WE-EF LIGHTING

United States of America

Tel +1 724 742 0030

Fax +1 724 742 0035

info.usa@we-ef.com

Sicherheit

Der Hersteller übernimmt keine Haftung für Schäden, die durch unsachgemäßen Einsatz oder Montage entstehen.

Werden nachträglich Änderungen an Leuchten und/oder Zubehör vorgenommen, so gilt derjenige als Hersteller, der diese Änderungen vornimmt.

Safety indices

The manufacturer is then discharged from liability when damage is caused by improper use or installation.

If any luminaire and/or accessory is subsequently modified, the persons responsible for the modification shall be considered as manufacturer.

SLS400 / VLS400_010117 / 006-1059

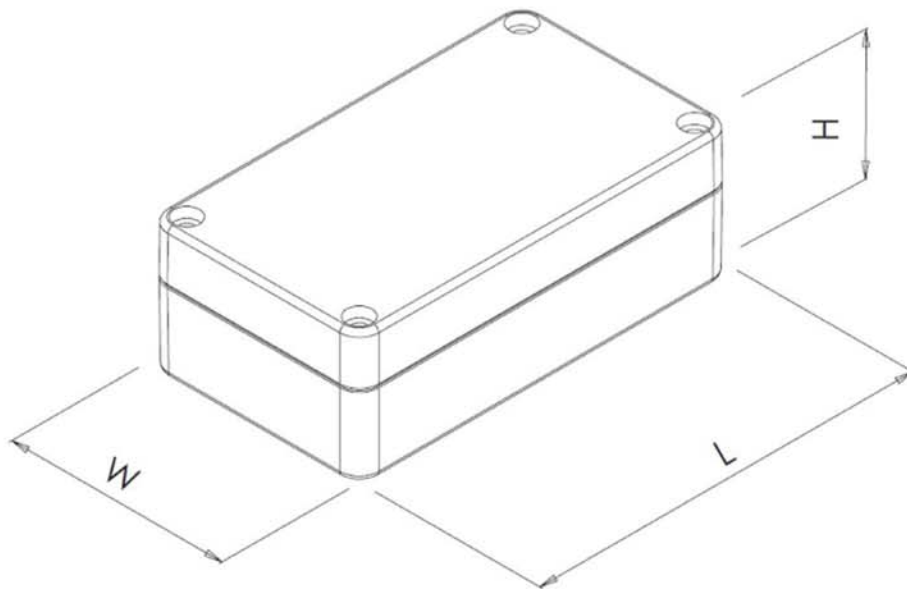
Technische Änderungen vorbehalten.

Technical specifications are subject to change.

© WE-EF 2017

we-ef

IP65 Emergency Conversion Box



$L = 222\text{mm}$

$W = 146\text{mm}$

$H = 55\text{mm}$



Fixing Centres 172mm

The DNA/1 range is supplied as a conversion kit for integral use within a luminaire.

- Slim Module Suitable for Linear Applications
- Deep Discharge Protection
- Low Power Consumption
- Long Life LiFePO4 Batteries
- Average Emergency Power - 2W
- DALI Self-Test Conversion Module

A 3 hour DALI self-test emergency lighting conversion kit which operates with Long Life LiFePO4 batteries. The unit is designed to suit an extremely wide range of LED types and circuits. The DNA/1 automatically adjusts the output LED current to provide the best match between the battery and the load, providing maximum illumination whilst ensuring full battery duration. The batteries used with this unit not only provide double the life of traditional emergency lighting batteries, but consume far less power during their operational life.

There are 2 main versions available -

Order Codes

DNA/1-K For LED loads operating in the Voltage range of 6 - 55 Volts.

For integral use

DNA/1/80-K For LED loads operating in the Voltage range of 6 - 80 Volts.

For integral use

Technical Details:

Mains Supply	230-240V AC 50/60 Hz	Max Ta and Tc	Ta - 50 °C - Tc - 70 °C
Power Rating	1.3W 12.5mA $\lambda = 0.44$	Max Battery Tc	55 °C
Duration	3 Hours	Battery Discharge Current	900mA nominal
Recharge Period	24-Hours	Discharge Voltage Limit	2.4 Volts
Battery Size & Type	3.2V 3.6Ah LiFePO4 Cell	Ingress Protection	IP20
Charge Current	Dual Rate 0-250mA	Terminal - Push Wire	0.5mm ² - 1.5 mm ²
Module Weight	0.1Kg	Module Dimensions (LxWxH)	178 x 30 x 22.5 (f/c 172mm)
Battery Weight	0.11Kg	Battery Dimensions (LxØ)	90mm x 28mm

OT 20/170...240/1A0 4DIMLT2 G2 CE

OT 4DIM NFC IP20 Outdoor | DALI-2, AstroDIM, StepDIM, MainsDIM – constant current LED drivers



Product family features

- Supply voltage: 220...240 V
- Current output range: 70...1,050 mA
- Easy and fast wireless luminaire programming via NFC
- Flexible current setting with one additional wire (LEDset2)
- AstroDIM for autonomous dimming with five independent levels (astro, time mode)
- Allows for energy saving in twilight phases
- MainsDIM function for dimming via reduction of line voltage amplitude
- Isolated DALI interface for bidirectional telemanagement systems
- Standby power consumption: < 0.35 W
- Constant Lumen Output (CLO)
- Overtemperature protection via external NTC
- Integrated customizable thermal management (Driver Guard)

Product family benefits

- 4DIM functionality in one device (StepDIM, AstroDIM, MainsDIM, DALI)
- DALI-2 certified incl. Parts 251, 252, 253
- Easy and fast wireless luminaire programming
- Very high efficiency
- Wide current output range: 200 mA...1050 mA
- High surge protection: up to 10 kV (in protection class I or II)
- Great flexibility due to wide operating temperature range of -40...55 °C or 60 °C
- Protection through double isolation between mains input and LED output

Areas of application

- Street and urban lighting
- Industry
- Suitable for outdoor applications in luminaires with IP > 54
- Suitable for use in outdoor luminaires of protection class I and II



Technical data

Electrical data

Nominal voltage	220...240 V
Input voltage AC	170...264 V
Input voltage DC	176...276 V ¹⁾
Nominal current	0.12 A
Mains frequency	0/50/60 Hz ¹⁾
Power factor λ	> 0.98 ²⁾
Total harmonic distortion	< 10 % ³⁾
Device power loss	3.5 W
Inrush current	25 A ⁴⁾
Max. ECG no. on circuit breaker 10 A (B)	22
Max. ECG no. on circuit breaker 16 A (B)	35
Max. ECG no. on circuit breaker 25 A (B)	55
Surge capability (L/N-Ground)	10 kV
Surge capability (L-N)	6 kV
Nominal output power	22 W
ECG efficiency	87 %
Nominal output voltage	10...38 V
Nominal output current	200...1050 mA
Output current LEDset open	70 mA
Output current LEDset shorted	Not allowed
Default output current	700 mA
Output current tolerance	± 3 % ⁵⁾
Output ripple current (100 Hz)	< 5 %
Output PSTLM	≤ 1
Output SVM	≤ 0.4
Minimum output current	70 mA
Galvanic isolation	SELV
U-OUT (working voltage)	60 V
Max. no. of ECGs on 16A MCB with EBN-OS	93
Surge capability (SD – Ground)	10 kV
Surge capability (L/N – SD)	6 kV
Nominal input voltage (SD port)	220...277 V

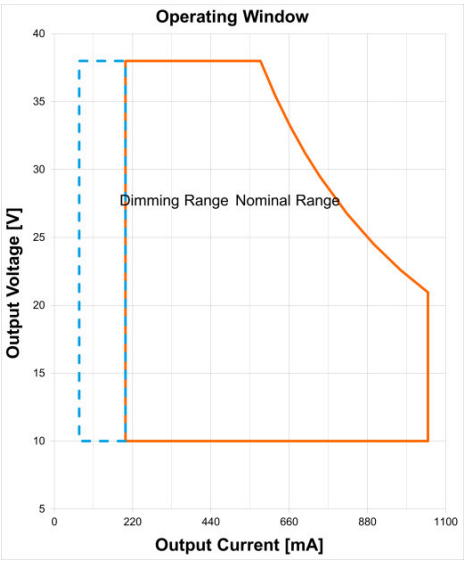
¹⁾ Additional fuse needed in DC operation

²⁾ Full load

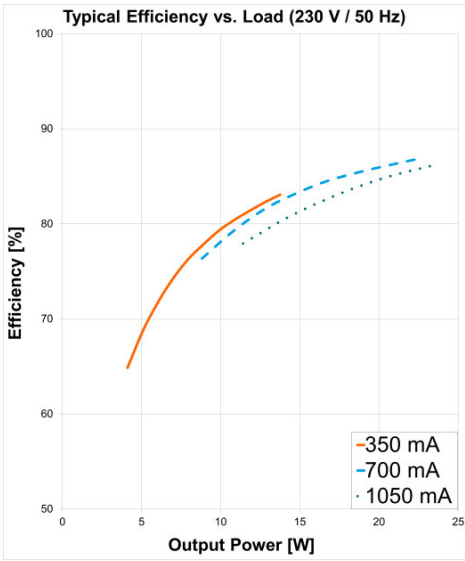
³⁾ At full power

⁴⁾ At 150 μ s

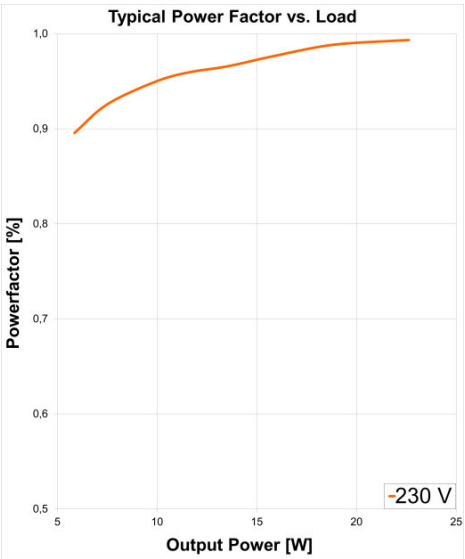
⁵⁾ +/- 5% for LEDset down to 300mA



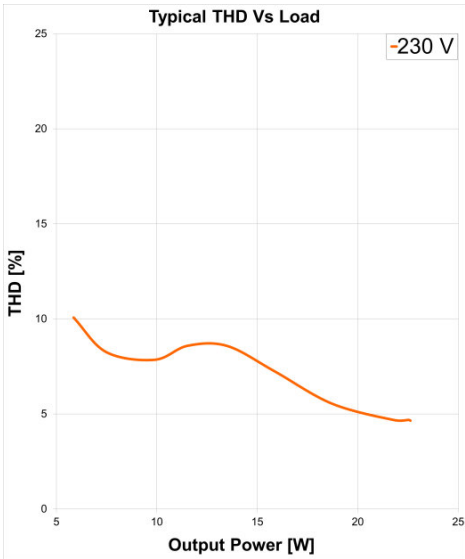
OT 20170-2401A0 4DIMLT2 G2 CE Operating Window



OT 20170-2401A0 4DIMLT2 G2 CE Typical Efficiency vs. Load (230 V 50 Hz)

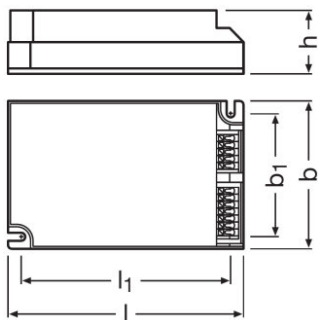


OT 20170-2401A0 4DIMLT2 G2 CE Typical Power Factor vs. Load



OT 20170-2401A0 4DIMLT2 G2 CE Typical THD Vs Load

Dimensions & weight



Length	123.0 mm
Width	79.0 mm
Height	33.0 mm
Mounting hole spacing, length	111.0 mm
Mounting hole spacing, width	67.0 mm
Product weight	210.00 g
Cable cross-section, input side	0.2...1.5 mm ²
Cable cross-section, output side	0.2...1.5 mm ²
Wire preparation length, input side	8.5...9.5 mm

Temperatures & operating conditions

Ambient temperature range	-40...+60 °C
Temperature range at storage	-25...85 °C
Maximum temperature at tc test point	75 °C
Max.housing temperature in case of fault	120 °C
Permitted rel. humidity during operation	5...85 % ¹⁾

¹⁾ Maximum 56 days/year at 85 %

Lifespan

ECG lifetime	50000 / 100000 h ¹⁾
--------------	--------------------------------

¹⁾ At maximum T_c = 75°C / 10% failure rate / At T_c = 63°C / 10% failure rate

Expected Lifetime

Product name				
OT 20/170...240/1A0 4DIMLT2 G2 CE	ECG ambient temperature [ta]	60	50	48
	Temperature at tc-point [°C]	75	65	63
	Lifetime [h]	50000	85000	100000

Capabilities

Dimmable	Yes
Dimming interface	4DIM / AstroDIM / DALI / MainsDIM / StepDIM
Dimming range	10...100 %
Suitable for fixtures with prot. class	I / II
Constant lumen function	Programmable
NTC input	Yes
Short-circuit protection	Automatic reversible
No-load proof	Yes
Max. cable length to lamp/LED module	2.0 m
Overload protection	Automatic reversible
LEDset	Yes
Number of channels	1
DALI-2 Energy Data	Yes ¹⁾
DALI-2 Diagnostic Data	Yes ²⁾

¹⁾ Acc. DALI part 252

²⁾ Acc. DALI part 253

Programming

Box programming	Yes
Tuner4TRONIC	Yes
Tuner4TRONIC Field App	Yes
Programming device	DALI / NFC

Programmable features

Constant Lumen	Yes
Thermal Protection	Yes
Driver Guard	Yes
AstroDIM	Yes
StepDIM	Yes

Product datasheet

MainsDIM	Yes
Emergency Mode	Yes
Configuration Lock	Yes
DALI-2 Luminaire Data	Yes ¹⁾

¹⁾ Acc. DALI part 251

Certificates & standards

Type of protection	IP20
Standards	Acc. to EN 61347-1/Acc. to EN 61347-2-13/Acc. to EN 62384/Acc. to EN 55015:2006 + A1:2007 + A2:2009/Acc. to EN 61547/Acc. to FCC 47 part 15 class B/Acc. to IEC 61000-3-2/Acc. to IEC 61000-3-3/Acc. to IEC 62386-101/Acc. to IEC 62386-102/Acc. to IEC 62386-207/UL-8750
Approval marks – approval	CCC / CE / DALI-2 / EL / ENEC / RCM / VDE / VDE-EMC

Logistical data

Commodity code	850440829000
-----------------------	--------------

Download Data

File	
 User instruction OPTOTRONIC Outdoor	
 Brochures Technical Application Guide - 4DIMLT2 G2 CE LED drivers (EN)	
 Certificates RCM Certificate CS10824N	
 Certificates OT ENEC 40050684 060421	
 Certificates OT Outdoor CB DE1 62952A1 220920	
 Certificates OT EMC 40050085 200220	
 Certificates OT 20 4DIM LT2 G2 EATON AM35336 210520	
 Certificates OT 20 4DIM LT2 G2 INOTEC AM35336 210520	
 Certificates OT Outdoor CB DE1 62952A2 220920	
 Certificates OT Outdoor VDE TESTREPORT 276377 220920	
 Certificates VDE ENEC Certificate 40043863	

Product datasheet

	Certificates CB Certificate DE1-59452
	Certificates VDE ENEC Certificate 40043863 appendix
	Certificates OT EMC 40044675 010321
	Certificates CCC Certificate 2018171002002021
	Declarations of conformity EU Declaration of Conformity 3806542
	Declarations of conformity OT DIM LT2 CE UK DoC 4291524 260221
	Declarations of conformity EATON(CEAG)-Conformity declaration AM04626_OT20_170-240_1A0_4DIMLT2_G2_CE
	Declarations of conformity INOTEC- Conformity declaration AM04626_OT20_170-240_1A0_4DIMLT2_G2_CE
	Declarations of conformity EU Declaration of Conformity 3584649
	CAD data CAD data STEP OT 20170-2401A0 4DIMLT2 G2 CE
	CAD data OT 20 4DIMLT2G2CE IGS 060820
	CAD data OT 20 4DIMLT2G2CE STEP 060820
	CAD Data 2-dim OT 20 4DIMLT2G2CE CAD2PDF 060820
	CAD data 3-dim OT 20 4DIMLT2G2CE CAD3PDF 060820

ISOLATION	Input / Mains	SD	EQUI	DALI	LEDset	LED Output	Case	NTC
Input / Mains	-	-	Double	Basic	SELV	SELV	Double	SELV
SD	-	-	Double	Basic	Double	Double	Double	Double
EQUI	Double	Double	-	Double	Basic	Basic	Basic	Double
DALI	Basic	Basic	Double	-	Double	Double	Double	Double
LEDset	SELV	Double	Basic	Double	-	-	Basic	-
LED Output	SELV	Double	Basic	Double	-	-	Basic	-
Case	Double	Double	Basic	Double	Basic	Basic	-	Basic
NTC	SELV	Double	Double	Double	-	-	Basic	-

Product datasheet

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899981928	OT 20/170...240/1A0 4DIMLT2 G2 CE	Shipping carton box 20	400 mm x 277 mm x 119 mm	13.19 dm ³	4748.00 g

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

Data privacy

This OSRAM driver can be configured using the Tuner4TRONIC software. This requires registering on www.myosram.com and downloading the Tuner4TRONIC software from the Internet. The Tuner4TRONIC software enables users to access and view the operational data of a luminaire or driver via the corresponding programming interfaces. A password key (Config Lock) must be set up in the driver via the Tuner4TRONIC software in order to control which users can access and view operational data. Follow the instructions for password setup. To grant an external person or company rights to access or view operational data, you can assign password keys. In this case, however, you are responsible for ensuring that the third party concerned takes notice of the information described here. However, OSRAM can read out operating data from devices for maintenance and service purposes even when a password key has been assigned. In individual cases, OSRAM will also use its access rights in order to optimize or improve driver hardware and driver functions. In accordance with data privacy principles, any user of operating data (luminaire manufacturers, third parties with access rights) must ensure that personal data (e.g. name, address, location IDs) are only merged with the prior written consent of the person (end user) concerned. The respective user of the operating data is responsible for providing evidence of consent.

Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.