

Kitemark™ Certificate

This is to certify that:

AWEX Rafał Stanuch Sp. komandytowa
Maslomiaca, ul. Długa 39
32-091 Michalowice
Poland

Holds Certificate Number:

KM 618355

In respect of:

BS EN 60598-2-22
Emergency luminaires

This issues the right and licence to use the Kitemark in accordance with the Kitemark Terms and Conditions governing the use of the Kitemark, as may be updated from time to time by BSI Assurance UK Ltd (the "Conditions"). All defined terms in this Certificate shall have the same meaning as in the Conditions.

The use of the Kitemark is authorized in respect of the Product(s) detailed on this Certificate provided at or from the above address.



For and on behalf of BSI:

Shahm Barhom, Group Product Certification Director

First Issued: 2015-09-30

Effective Date: 2022-12-07

Latest Issue: 2022-12-07

Expiry Date: 2024-02-23

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Kitemark™ Certificate

No. KM 618355

Emergency Luminaires to BS EN 60598-2-22:2014+A1:2020, BS EN IEC 60598-1:2021

BSI report TR/14/612, 8766801, 8935483, 3170245, 3482599 Rev1.

Rated 220-240 V AC 50/60 Hz, 176-275VDC, Class II or 24/48 VDC Class III, AXN IP42 or IP65, Lovato N IP41.

Model ref.	Power	Light source/ emergency module code	Duration	Mode	Option	Cover code or colour	Assembly type
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Self-contained

AXN AXENA/AXENC /AXENO/AXNA /AXENU/AXEN R/AXNC/AXNO /AXNU/AXNR	1W 2W 3W 6W	LED / B	1/2/3/8* Hrs *1W only	Non-maintained (SE) Maintained (SA)	X/PT/AT/RU	WH/GR/BL/ OC	Wall surface Ceiling surface Emergency luminaire
LOVATO N LVNA/LVNO/ LVNC/LVNU/ LVNR	1W 2W 3W	LED / B	1/2/3 Hrs	Non-maintained (SE) Maintained (SA)	X/PT/AT/RU	WH/GR/BL/ OC	Wall surface Ceiling surface Emergency luminaire

Central Battery

AXN AXENA/AXENC /AXENO/AXNA /AXNC/AXNO/ AXENU/AXEN R/AXNU/AXNR	1W 2W 3W 6W	LED / F / Z	Dependent on Power system	Central Battery (CB)	CBS/ADS/ ADP/ADE/ ADN/ADI	WH/GR/BL/ OC	Wall surface Ceiling surface Emergency luminaire
LOVATO N LVNA/LVNO/ LVNC/LVNU/ LVNR	1W 2W 3W	LED / F / Z	Dependent on Power system	Central Battery (CB)	CBS/ADS/ ADP/ADE/ AD /ADI	WH/GR/BL/ OC	Wall surface Ceiling surface Emergency luminaire

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Emergency Luminaires to BS EN 60598-2-22:2014+A1:2020, BS EN IEC 60598-1:2021

AXN / LOVATO N series (continued)

Model ref.	Power	Light source/ emergency module code	Duration	Mode	Option	Cover code or colour	Assembly type
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FZLV – Central Power system

AXN AXENA/AXENC /AXENO/AXNA /AXNC/AXNO/ AEXNU/AXEN R/AXNU/AXNR	1W 2W 3W 6W	LED	Central Power system (FZLV)	Dependent on Power system	NA	WH/GR/BL/ OC	Wall surface Ceiling surface Emergency luminaire
LOVATO N LVNA/LVNO/ LVNC/LVNU/ LVNR	1W 2W 3W	LED	Central Power system (FZLV)	Dependent on Power system	NA	WH/GR/BL/ OC	Wall surface Ceiling surface Emergency luminaire

FZLV II – Central Power system

AXN AXENA/AXENC /AXENO/AXNA /AXNC/AXNO/ AEXNU/AXEN R/AXNU/AXNR	1W 2W 3W 6W	LED	Central Power system (FZLV II)	Dependent on Power system	NA	WH/GR/BL/ OC	Wall surface Ceiling surface Emergency luminaire
LOVATO N LVNA/LVNO/ LVNC/LVNU/ LVNR	1W 2W 3W	LED	Central Power system (FZLV II)	Dependent on Power system	NA	WH/GR/BL/ OC	Wall surface Ceiling surface Emergency luminaire

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Emergency Luminaires to BS EN 60598-2-22:2014+A1:2020, BS EN IEC 60598-1:2021

AXN / LOVATO N series (continued)

Type Reference System

Self-contained: AAAA/BBBB/CCC/EE/FF/GG/JJ

Centrally supplied: AAAA/BBBB/DDD/CB/HHH/JJ

FZLV Centrally supplied: AAAA/BBBB/LED/FZLV/X/JJ

FZLV II Centrally supplied: AAAA/BBBB/LED/FZLVII/X/JJ

AAAA = AXENA or, AXENC or, AXENO or, AXNA or, AXENU or, AXENR or, AXNC or, AXNO or, AXNU or, AXNR or, LVNA or, LVNO or, LVNC or, LVNU or, LVNR

BBBB = 1W or, 2W or 3W or 6W (See note 1)

CCC = LED or B

DDD = LED or, F, or Z

EE = 1 or, 2 or, 3 or 8 (See note 2)

FF= SE or SAGG = X or, PT, or, AT or

RUHHH = CBS or, ADS or, ADP or, ADI or, ADE or, ADN

JJ = WH or, GR, or BL, or OC

X = X or blank

Note 1: BBBB may only be 6W when AAAA is AXENA or, AXENC or, AXENO or, AXNA or, AXENU or, AXENR or, AXNC or, AXNO or, AXNU or, AXNR or, AXNR

Note 2: EE may only be 8 when AAAA is AXENA or, AXENC or, AXENO or, AXNA or, AXENU or, AXENR or, AXNC or, AXNO or, AXNU or, AXNR and BBBB is 1W

Legend

AXENA – fixture AXN IP42 with asymmetric optic
AXENO – fixture AXN IP42 with optic for open area
AXENC – fixture AXN IP42 with optic for escape route
AXNA – fixture AXN IP465 with asymmetric optic
AXNO – fixture AXN IP465 with optic for open area
AXNC – fixture AXN IP465 with optic for escape route
AXENU – fixture AXN IP42 with universal optic
AXENR – fixture AXN IP42 with optic for escape route
AXNU – fixture AXN IP65 with universal optic
AXNR – fixture AXN IP65 with optic for escape route
LVNO – fixture LOVATO N with optic for open area
LVNC – fixture LOVATO N with optic for escape route
LVNU – fixture LOVATO N with universal optic
LVNR – fixture LOVATO N with optic for escape route
WH – white, GR – grey, BL – black, OC – other colour
B – code of emergency module (Uniled BM)e
F – code of electronic control gear (Uniled HDP)
Z – code of electronic control gear (Uniled ADP)
SE – non-maintained
SA – maintained (with an option of connecting as non-maintained)

ADE – central battery with ADE
ADP – Central battery with ADP
ADN – central battery with ADN address module
ADI – central battery with ADI address module
ADS – central battery with ADS address module
FZLV II – central battery FZLV II 48 VDC
FZLV – central battery FZLV 24 VDC
X – fitting without additional options
AT – autotest
PT – manual test button
RU – Rubic UNA
CB – central battery version
CBS – central battery for circuit monitoring
WH – White enclosure
GR – Gray enclosure
BL – Black enclosure
SR – Silver enclosure
OC – Other colour enclosure

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BSI report TR/14/636, 8766804, 8935485, 3170244, 3482595 Rev1
 Rated 220-240 VAC 50/60 Hz, Class II, 176-275 VDC or 24/48 VDC Class III,
 AXP, Lovato P & EYE LED IP20

Model ref.	Power	Light source / emergency module code	Duration	Mode	Option	Cover code or colour	Assembly type
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Self-contained

AXP AXEPA AXEPC AXEPO AXEPU AXEPR	1W 2W 3W 6W	LED / B	1/2/3/8* Hrs *1W only	Non-maintained (SE) Maintained (SA)	X/PT/AT/RU	WH/GR/BL/OC	Wall recessed/ Ceiling recessed Emergency luminaire
LOVATO P LVPO LVPC LVPA LVPU LVPR	1W 2W 3W	LED / B	1/2/3 Hrs	Non-maintained (SE) Maintained (SA)	X/PT/AT/RU	WH/GR/BL/OC	Wall recessed/ Ceiling recessed Emergency luminaire
EYE LED ROUND EYO/EYC/EY	1W 2W 3W 3 x 1W	LED / B	1/2/3 Hrs	Non-maintained (SE) Maintained (SA)	X/PT/AT/RU	ST/WH/OC	Wall recessed/ Ceiling recessed Emergency luminaire
EYE LED SQUARE EYKO/EYKC/EYK	1W 2W 3W 3 x 1W	LED / B	1/2/3 Hrs	Non-maintained (SE) Maintained (SA)	X/PT/AT/RU	ST/WH/OC	Wall recessed/ Ceiling recessed Emergency luminaire

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AXP / LOVATO P / EYE series (continued)

Model ref.	Power	Light source / emergency module code	Duration	Mode	Option	Cover code or colour	Assembly type
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Central Battery

AXP AXEPA AXEPC AXEPO AXEPU AXEPR	1W 2W 3W 6W	LED / F / Z	Dependent on Power System	Central Battery (CB)	CBS/ADS/ADP/ADE/ADN/ADI	WH/GR/BL/OC	Wall recessed/ Ceiling recessed Emergency luminaire
LOVATO P LVPO LVPC LVPA LVPU LVPR	1W 2W 3W	LED / F / Z	Dependent on Power System	Central Battery (CB)	CBS/ADS/ADP/ADE/ADN/ADI	WH/GR/BL/OC	Wall recessed/ Ceiling recessed Emergency luminaire
EYE LED ROUND EYO/EYC/EY	1W 2W 3W 3 x 1W	LED / F / Z	Dependent on Power System	Central Battery (CB)	CBS/ADS/ADP/ADE/ADN/ADI	ST/WH/OC	Wall recessed/ Ceiling recessed Emergency luminaire
EYE LED SQUARE EYKO/EYKC/EYK	1W 2W 3W 3 x 1W	LED / F / Z	Dependent on Power System	Central Battery (CB)	CBS/ADS/ADP/ADE/ADN/ADI	ST/WH/OC	Wall recessed/ Ceiling recessed Emergency luminaire

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AXP / LOVATO P / EYE series (continued)

Model ref.	Power	Light source/ emergency module code	Duration	Mode	Option	Cover code or colour	Assembly type
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FZLV - Central Power System

AXP AXEPA AXEPC AXEPO AXEPU AXEPR	1W 2W 3W 6W	LED	Dependent on Power System	Central Power System (FZLV)	NA	WH/GR/BL/OC	Wall recessed/ Ceiling recessed Emergency luminaire
LOVATO P LVPO LVPC LVPA LVPU LVPR	1W 2W 3W	LED	Dependent on Power System	Central Power System (FZLV)	NA	WH/GR/BL/OC	Wall recessed/ Ceiling recessed Emergency luminaire
EYE LED ROUND EYO/EYC/EY	1W 2W 3W 3 x 1W	LED	Dependent on Power System	Central Power System (FZLV)	NA	ST/WH/OC	Wall recessed/ Ceiling recessed Emergency luminaire
EYE LED SQUARE EYKO/EYKC/EYK	1W 2W 3W 3 x 1W	LED	Dependent on Power System	Central Power System (FZLV)	NA	ST/WH/OC	Wall recessed/ Ceiling recessed Emergency luminaire

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AXP / LOVATO P / EYE series (continued)

Model ref.	Power	Light source/ emergency module code	Duration	Mode	Option	Cover code or colour	Assembly type
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FZLV II - Central Power System

AXP AXEPA AXEPC AXEPO AXEPU AXEPR	1W 2W 3W 6W	LED	Dependent on Power System	Central Power System (FZLV II)	NA	WH/GR/BL/OC	Wall recessed/ Ceiling recessed Emergency luminaire
LOVATO P LVPO LVPC LVPA LVPU LVPR	1W 2W 3W	LED	Dependent on Power System	Central Power System (FZLV II)	NA	WH/GR/BL/OC	Wall recessed/ Ceiling recessed Emergency luminaire
EYE LED ROUND EYO/EYC/EY	1W 2W 3W 3 x 1W	LED	Dependent on Power System	Central Power System (FZLV II)	NA	ST/WH/OC	Wall recessed/ Ceiling recessed Emergency luminaire
EYE LED SQUARE EYKO/EYKC/EYK	1W 2W 3W 3 x 1W	LED	Dependent on Power System	Central Power System (FZLV II)	NA	ST/WH/OC	Wall recessed/ Ceiling recessed Emergency luminaire

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AXP / LOVATO P / EYE series (continued)

Type Reference System

Self contained: AAAAA/BBBB/CCC/EE/FF/GG/JJ
Centrally supplied: AAAAA/BBBB/DDD/CB/HHH/JJ
FZLV Centrally supplied: AAAAA/BBBB/LED/FZLV/X/JJ
FZLV II Centrally supplied: AAAAA/BBBB/LED/FZLVII/X/JJ

AAAA= AXEPA or, AXEPC or, AXEPO or, AXEPU or, AXEPR or, LVPA or, LVPO or, LVPC or, LVPU, or LVPR or, EYO or, EYC or, EY or, EYKO or, EYKC or, EYK
BBBB = 1 W or, 2 W or, 3 W or 6 W (see Note 1) or 3 x 1W (see Note 2)
CCC = LED or B
DDD = LED or, F, or Z
EE = 1 or, 2 or 3 or 8 (see Note 3)
FF= SE or SA
GG = X or, PT, or, AT or RU
HHH = CBS or, ADS or, ADP or, ADE or, ADN or, ADI
JJ = WH or, GR (see Note 4) or, BL (see Note 4) or, ST (see Note 5) or, OC
X = X or blank

Legend

AXEPO – fixture AXP with optic for open area
AXEPC – fixture AXP with optic for escape route
AXEPU – fixture AXP with universal optic
AXEPR – fixture AXP with optic for escape route
LVPA – fixture LOVATO P with asymmetric optic
LVPO – fixture LOVATO P with optic for open area
LVPC – fixture LOVATO P with optic for escape route
LVPU – fixture LOVATO P with universal optic
LVPR – fixture LOVATO P with optic for escape route
EYO – fixture EYE LED ROUND with optic for open area
EYC – fixture EYE LED ROUND with optic for escape route
EY - fixture EYE LED ROUND
EYKO – fixture EYE LED SQUARE with optic for open area
EYKC – fixture EYE LED SQUARE with optic for escape route
EYK - fixture EYE LED SQUARE
ADP – central battery with electronic control gear Uniled ADP
ADE – central battery with electronic control gear Uniled ADE
ADN - central battery with address module **ADN**
ADS – central battery with address module ADS
ADI – central battery with electronic control gear ADI

AT – autotest
PT – manual test button
RU – Rubic UNA control monitoring
B – code of emergency module (Uniled BM)
F – code of electronic control gear (Uniled HDP)
Z – code of electronic control gear (Uniled ADP or ADE or ADI)
X – without option
CB – central battery version
CBS – central battery system
FZLV – central battery FZLV 24 VDC
FZLV II – central battery FZLV II 48VDC
WH – white
GR – gray
BL- black
ST – fixture is stainless steel
OC – Other colours

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BSI report TR/15/001, 8766807, 8935486, 3170242, 3482593 Rev4
 Rated 220-240 VAC 50/60 Hz, Class II, 176-275 VDC or 24/48 VDC Class III
 IP65 or IP42

HELIOS POWER LED

Model ref.	Power	Light source/ emergency module code	Duration	Mode	Option	Cover code or colour	Assembly type
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Self-contained

HELIOS POWER LED HWEM,HWM, HWED, HWD, HHEP, HHP	3W 3 x 1W 6 x 1W	LED / B	1/2/3 Hrs	Non-maintained (SE) Maintained (SA)	X/PT/AT/RU	TR/OP	Wall/ceiling surface mount emergency luminaire
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Central Battery

HELIOS POWER LED HWEM,HWM, HWED, HWD, HHEP, HHP	3W 3 x 1W 6 x 1W	LED / F / Z	Dependent on Power system	Central Battery (CB)	CBS/ADS/A DP/ADE/ ADN/ADI	TR/OP	Wall/ceiling surface mount emergency luminaire
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FZLV – Central Power system

HELIOS POWER LED HWEM,HWM, HWED, HWD, HHEP, HHP	3W 3 x 1W 6 x 1W	LED	Dependent on Power system	Central Power System (FZLV)	NA	TR/OP	Wall/ceiling surface mount emergency luminaire
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HELIOS POWER LED (continued)

FZLV II – Central Power system

HELIOS POWER LED HWEM, HWM, HWED, HWD, HHEP, HHP	3W 3 x 1W 6 x 1W	LED	Dependent on Power system	Central Power System (FZLV II)	NA	TR/OP	Wall/ceiling surface mount emergency luminaire
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Type Reference System

Self contained: AAAA/BBBB/CCC/EE/FF/GG/JJ
Centrally supplied: AAAA/BBBB/DDD/CB/HHH/JJ
FZLV Centrally supplied: AAAA/BBBB/LED/FZLV/X/JJ
FZLV II Centrally supplied: AAAA/BBBB/LED/FZLVII/X/JJ

AAAA = HWEM or, HWM or, HWES or, HWS or, HWED or, HWD or, HHEP or, HHP
BBBB = 3 W or, 3 x 1 W or 6 x 1 W
CCC = LED or B
DDD = LED or, F, or Z
EE = 1 or, 2 or 3
FF = SE or SA
GG = X or, PT, or, AT or RU
HHH = CBS or, ADS or, ADP or, ADI or, ADE, or ADN
X = X or blank
JJ = TR or OP

Legend

HWEM – fixture Helios IP42, assembly altitudes: 2,5 – 10 m
HWM – fixture Helios IP65, assembly altitudes: 2,5 – 10 m
HWD – fixture Helios IP65, assembly altitudes: 8 – 14m
HWED – fixture Helios IP42, assembly altitudes: 8 – 14m
HHP – fixture Helios IP65 6x1W assembly altitudes: 2,5 – 14m
HHEP – fixture Helios IP42 6x1W assembly altitudes: 2,5 – 14m
B – electronic gear for premium self-contained fittings
F – electronic gear for central battery fittings
Z – electronic gear for addressable central battery fittings
SE – non-maintained
SA – maintained (with an option of connecting as non-maintained)

ADP – central battery with electronic control gear Uniled ADP
ADE – central battery with electronic control gear Uniled ADE
ADI – central battery with electronic control gear Uniled ADI
ADS – central battery with ADS address module
ADN – central battery with ADN address module
X – fitting without additional options
AT – autotest
PT – manual test button
RU – Rubic system UNA
CB – central battery version
CBS – central battery for circuit monitoring
FZLV – central battery FZLV 24 VDC
FZLV II – central battery FZLV II 48VDC
TR – transparent polycarbonate cover
OP – opal polycarbonate cover

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EXIT S / EXIT M / EXIT M DS /EXIT L series

BSI report 8440725, 8935495, 8935496, 3079850-1, 3079850-2, 3170236, 3170237, 3340011 Rev1 and 3482601 Rev 2
BSI report 9770488-1 LED module 1801006.
BSI report 9770488-3 LED module 1406.
BSI report 9770488-2 LED module 1801005.
BSI report 9770488-6 LED module 1801026.
BSI report 3636385 LED module 2101047.

Rated 220-240 V AC 50/60 Hz, 176 -275 VDC, 24/48 VDC Class II

Model ref.	Power	Light source/ emergency module code	Duration	Mode	Option	Cover code or colour	Assembly type
EXIT S ETSR/ETSU /ETSC/ETS O/ETS	1W 2W 3W	LED / B	1/2/3 Hrs	Non-maintained (SE) Maintained (SA)	X/PT/AT/RU	WH/GR/BL /OC	Ceiling/Wall surface Exit sign / Emergency Luminaire
EXIT M ETE	1W 2W 3W	LED / B	1/2/3 Hrs	Non-maintained (SE) Maintained (SA)	X/PT/AT/RU	WH/GR/BL /OC	Ceiling/Wall surface Exit sign / Emergency Luminaire
EXIT L ETL	1W 2W 3W 6W	LED / B	1/2/3 Hrs	Non-maintained (SE) Maintained (SA)	X/PT/AT/RU	WH/GR/BL /OC	Ceiling/Wall surface Exit sign / Emergency Luminaire
EXIT M DS ETMD	1W 2W 3W	LED / B	1/2/3 Hrs	Non-maintained (SE) Maintained (SA)	X/PT/AT/RU	WH/GR/BL /OC	Ceiling/Wall surface Exit sign / Emergency Luminaire

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No. KM 618355

Emergency Luminaires to BS EN 60598-2-22:2014+A1:2020, BS EN IEC 60598-1:2021

EXIT S / EXIT M / EXIT M DS /EXIT L series (continued)

Central battery

Model ref.	Power	Light source/ emergency module code	Duration	Mode	Option	Cover code or colour	Assembly type
EXIT S ETSR/ETSU /ETSC/ETS O/ETS	1W 2W 3W	LED / F / Z	Dependent on Power system	Central Battery (CB)	CBS/ADS/ADP/ ADI/ADE/ADN	WH/GR/BL /OC	Ceiling/Wall surface Exit sign / Emergency Luminaire
EXIT M ETE	1W 2W 3W	LED / F / Z	Dependent on Power system	Central Battery (CB)	CBS/ADS/ADP/ ADI/ADE/ADN	WH/GR/BL /OC	Ceiling/Wall surface Exit sign / Emergency Luminaire
EXIT L ETL	1W 2W 3W 6W	LED / F / Z	Dependent on Power system	Central Battery (CB)	CBS/ADS/ADP/ ADI/ADE/ADN	WH/GR/BL /OC	Ceiling/Wall surface Exit sign / Emergency Luminaire
EXIT M DS ETMD	1W 2W 3W	LED / F / Z	Dependent on Power system	Central Battery (CB)	CBS/ADS/ADP/ ADI/ADE/ADN	WH/GR/BL /OC	Ceiling/Wall surface Exit sign / Emergency Luminaire

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Emergency Luminaires to BS EN 60598-2-22:2014+A1:2020, BS EN IEC 60598-1:2021

EXIT S / EXIT M / EXIT M DS /EXIT L series (continued)

FZLV - central Power System

Model ref.	Power	Light source/ emergency module code	Duration	Mode	Option	Cover code or colour	Assembly type
EXIT S ETSR/ETSU /ETSC/ETS O/ETS	1W 2W 3W	LED	Dependent on Power system	Central Power System (FZLV)	NA	WH/GR/BL /OC	Ceiling/Wall surface Exit sign / Emergency Luminaire
EXIT M ETE	1W 2W 3W	LED	Dependent on Power system	Central Power System (FZLV)	NA	WH/GR/BL /OC	Ceiling/Wall surface Exit sign / Emergency Luminaire
EXIT L ETL	1W 2W 3W 6W	LED	Dependent on Power system	Central Power System (FZLV)	NA	WH/GR/BL /OC	Ceiling/Wall surface Exit sign / Emergency Luminaire
EXIT M DS ETMD	1W 2W 3W	LED	Dependent on Power system	Central Power System (FZLV)	NA	WH/GR/BL /OC	Ceiling/Wall surface Exit sign / Emergency Luminaire

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EXIT S / EXIT M / EXIT M DS /EXIT L series (continued)

FZLVII - central Power System

Model ref.	Power	Light source/ emergency module code	Duration	Mode	Option	Cover code or colour	Assembly type
EXIT S ETSR/ETSU /ETSC/ETS O/ETS	1W 2W 3W	LED	Dependent on Power system	Central Power System (FZLV II)	NA	WH/GR/BL /OC	Ceiling/Wall surface Exit sign / Emergency Luminaire
EXIT M ETE	1W 2W 3W	LED	Dependent on Power system	Central Power System (FZLV II)	NA	WH/GR/BL /OC	Ceiling/Wall surface Exit sign / Emergency Luminaire
EXIT L ETL	1W 2W 3W 6W	LED	Dependent on Power system	Central Power System (FZLV II)	NA	WH/GR/BL /OC	Ceiling/Wall surface Exit sign / Emergency Luminaire
EXIT M DS ETMD	1W 2W 3W	LED	Dependent on Power system	Central Power System (FZLV II)	NA	WH/GR/BL /OC	Ceiling/Wall surface Exit sign / Emergency Luminaire

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EXIT S / EXIT M / EXIT M DS /EXIT L series (continued)

Type Reference System

Self contained: AAAA/BBBB/CCC/EE/FF/GG/JJ

Centrally supplied: AAAA/BBBB/DDD/CB/HHH/JJ FZLV

Centrally supplied: AAAA/BBBB/LED/FZLV/X/JJ FZLV II

Centrally supplied: AAAA/BBBB/LED/FZLVII/X/JJ

AAAA = ETE or, ETSR or, ETSU or, ETSC or, ETSO or, ETS or, ETL or ETMD

BBBB = 1 W or 2 W or, 3 W or 6 W (see note 1)

CCC = LED or B

DDD = LED or, F, or Z

EE = 1 or, 2 or 3

FF= SE or SA

GG = X or, PT, or, AT or RU

HHH = CBS or, ADS or, ADP or, ADI or, ADE or, ADN

JJ = WH or, BL or, GR or OC

X = X or blank

Note 1: BBBB may only be 6W when AAAA is ETL

Legend

ETE – fixture EXIT M

ETSR – fixture EXIT S with optic for escape route

ETSU – fixture EXIT S with universal optic

ETSO – fixture EXIT S with optic for open area

ETSC – fixture EXIT S with optic for escape route

ETS – fixture EXIT S

ETL – fixture EXIT L

ETMD - fixture EXIT M DS

B – electronic gear Uniled BM

F – electronic gear Uniled HDP

Z – electronic gear Uniled ADP or ADE or ADI

SE – non-maintained

SA – maintained (with an option of connecting as non-maintained)

ADP – central battery with ADP control gear

ADE – central battery with ADE control gear

ADI – central battery with ADI control gear

ADS – central battery with ADS address module

ADN – central battery with ADN address module

X – fitting without additional options

AT – autotest

PT – manual test button

RU – Rubic Una

CB – central battery version

CBS – central battery for circuit monitoring

FZLV – central battery FZLV 24 VDC

FZLV II – central battery FZLV II 48VDC

WH – White

BL – Black

GR – Grey

OC – Other Colour

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Emergency Luminaires to BS EN 60598-2-22:2014+A1:2020, BS EN IEC 60598-1:2021

BSI report 8440727, 8935489, 3170241 3482585 Rev1
BSI report 9770488-4 LED module 1801032 ARROW N, ARROW P.

Rated 220-240 V AC 50/60 Hz, 176 -275 VDC, 24/48 VDC Class II
ARROW N, ARROW P IP40

Self-contained

Model ref.	Power	Light source/ emergency module code	Duration	Mode	Option	Cover code or colour	Assembly type
ARROW N ARN/ARNS/ ARNO/ARNC	1W 2W 3x1W	LED / B	1/2/3 Hrs	Non- maintained (SE) Maintained (SA)	X/PT/AT/ RU	WH/GR/ BL/OC	Ceiling surface/Wall. Exit sign /emergency luminaire
ARROW P ARP/ARPS/ ARPO/ARPC	1W 2W 3x1W	LED / B	1/2/3 Hrs	Non- maintained (SE) Maintained (SA)	X/PT/AT/ RU	WH/GR/ BL/OC	Ceiling recessed/Wall. Exit sign /emergency luminaire

Central battery

ARROW N ARN/ARNS/ ARNO/ARNC	1W 2W 3x1W	LED / F / Z	Dependent on Power system	Central Battery (CB)	CBS/ADS/ ADP/ADE/ ADN/ADI	WH/GR/ BL/OC	Ceiling surface/Wall. Exit sign /emergency luminaire
ARROW P ARP/ARPS/ ARPO/ARPC	1W 2W 3x1W	LED / F / Z	Dependent on Power system	Central Battery (CB)	CBS/ADS/ ADP/ADE/ ADN/ADI	WH/GR/ BL/OC	Ceiling recessed/Wall. Exit sign /emergency luminaire

FZLV- central Power System

ARROW N ARN/ARNS/ ARNO/ARNC	1W 2W 3x1W	LED	Dependent on Power system	Central Power System (FZLV)	NA	WH/GR/ BL/OC	Ceiling surface/Wall. Exit sign /emergency luminaire
ARROW P ARP/ARPS/ ARPO/ARPC	1W 2W 3x1W	LED	Dependent on Power system	Central Power System (FZLV)	NA	WH/GR/ BL/OC	Ceiling recessed/Wall. Exit sign /emergency luminaire

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ARROW series (continued)

FZLV II- central Power System

Model ref.	Power	Light source/ emergency module code	Duration	Mode	Option	Cover code or colour	Assembly type
ARROW N ARN/ARNS/ ARNO/ARNC	1W 2W 3x1W	LED	Dependent on Power system	Central Power System (FZLV II)	NA	WH/GR/ BL/OC	Ceiling surface/Wall. Exit sign /emergency luminaire
ARROW P ARP/ARPS/ ARPO/ARPC	1W 2W 3x1W	LED	Dependent on Power system	Central Power System (FZLV II)	NA	WH/GR/ BL/OC	Ceiling recessed/Wall. Exit sign /emergency luminaire

Type Reference System

Self contained: AAAA/BBBB/CCC/EE/FF/GG/JJ

Centrally supplied: AAAA/BBBB/DDD/CB/HHH/JJ

FZLV Centrally supplied: AAAA/BBBB/FZLV/(X)/JJ

FZLV II Centrally Supplied AAAA/BBBB/FZLV II/(X)/JJ

AAAA = ARPS or, ARNS or, ARP or, ARN or, ARPO or, ARNO or, ARPC or, ARNC

BBBB = 1 W or, 2 W or, 3 x 1 W

Brackets () = Optional character

CCC = LED or B

DDD = LED, or F or, Z

EE = 1 or, 2 or 3

FF= SE or SA

GG = X or, PT or, AT or RU

HHH = CBS or, ADS or, ADP or, ADE or, ADN or, ADI

JJ = WH

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ARROW series (continued)

Legend

ARPS – Fixture Arrow P (emergency luminaire)
ARNS – Fixture Arrow N (emergency luminaire)
ARP – Fixture Arrow P (exit sign)
ARN – Fixture Arrow N (Exit sign)
ARPO – Fixture Arrow P with open area optics
ARNO – Fixture Arrow N with open area optics
ARPC – Fixture Arrow P with escape route optics
ARNC – Fixture Arrow N with escape route optics
B – Electronic gear Uniled BM
F – Electronic gear Uniled ADP
Z – Electronic gear Uniled HDP
SE – non-maintained
SA – Maintained (with an option of connecting as non-maintained)
FZLV II – Central battery FZLV II 48 VDC
FZLV – Central battery FZLV 24 VDC

X – Fitting without additional options
AT – Autotest
PT – Manual test button
RU – Rubic UNA wireless control monitoring
CB – Central battery version
CBS – Central battery for circuit monitoring
WH – White housing
GR – Grey housing
BL – Black housing
OC - Other colours
ADS – Central battery with address module ADS
ADP – Central battery with electronic control gear ADP
ADE – Central battery with electronic control gear ADE
ADN – Central battery with address module ADN
ADI – Central battery with electronic control gear ADI

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Emergency Luminaires to BS EN 60598-2-22:2014+A1:2020, BS EN IEC 60598-1:2021

INFINITY II series of emergency luminaires

BSI report 8762654-1, 8762654-2, 8935490/Rev 1, 3170240, 3482588

BSI report 9770488-5 LED module 18012029 INFINITY II AW.

Rated Input 220-240VAC 50/60 Hz, 176 -275 VDC, 24/48 VDC Class II IP40

Model ref.	Power	Light source/ emergency module code	Duration	Mode	Option	Cover code or colour	Assembly type
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Self-contained

INFINITY II AW IF2AWS IF2AWD	1W 2W 3W	LED / B	1/2/3 Hrs	Non-maintained (SE) Maintained (SA)	X/PT/AT/ RU	WH/GR/ BL/OC	Wall surface/ recessed. Exit sign/ Emergency luminaire
INFINITY II AC IF2ACS IF2ACD	1W 2W 3W	LED / B	1/2/3 Hrs	Non-maintained (SE) Maintained (SA)	X/PT/AT/ RU	WH/GR/ BL/OC	Ceiling surface/ recessed. Exit sign Emergency luminaire
INFINITY II AL IF2ALS IF2ALD	1W 2W 3W	LED / B	1/2/3 Hrs	Non-maintained (SE) Maintained (SA)	X/PT/AT/ RU	WH/GR/ BL/OC	Ceiling surface/ recessed. Exit sign Emergency luminaire
INFINITY II B IF2BWS IF2BWD	1W 2W 3W	LED / B	1/2/3 Hrs	Non-maintained (SE) Maintained (SA)	X/PT/AT/ RU	WH/GR/ BL/OC	Wall surface/ recessed. Exit sign/ Emergency luminaire

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INFINITY II series (continued)

Model ref.	Power	Light source/ emergency module code	Duration	Mode	Option	Cover code or colour	Assembly type
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Central battery

INFINITY II AW IF2AWS IF2AWD	1W 2W 3W	LED / F / Z	Dependent on Power system	Central Battery (CB)	CBS/ADS/ ADP/ADE/ ADN/ADI	WH/GR/ BL/OC	Wall surface/ recessed. Exit sign/ Emergency luminaire
INFINITY II AC IF2ACS IF2ACD	1W 2W 3W	LED / F / Z	Dependent on Power system	Central Battery (CB)	CBS/ADS/ ADP/ADE/ ADN/ADI	WH/GR/ BL/OC	Ceiling surface/ recessed. Exit sign Emergency luminaire
INFINITY II AL IF2ALS IF2ALD	1W 2W 3W	LED / F / Z	Dependent on Power system	Central Battery (CB)	CBS/ADS/ ADP/ADE/ ADN/ADI	WH/GR/ BL/OC	Ceiling surface/ recessed. Exit sign Emergency luminaire
INFINITY II B IF2BWS IF2BWD	1W 2W 3W	LED / F / Z	Dependent on Power system	Central Battery (CB)	CBS/ADS/ ADP/ADE/ ADN/ADI	WH/GR/ BL/OC	Wall surface/ recessed. Exit sign/ Emergency luminaire

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INFINITY II series (continued)

Model ref.	Power	Light source/ emergency module code	Duration	Mode	Option	Cover code or colour	Assembly type
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FZLV – Central power system

INFINITY II AW IF2AWS IF2AWD	1W 2W 3W	LED / F / Z	Dependent on Power system	Central Power System (FZLV)	NA	WH/GR/ BL/OC	Wall surface/ recessed. Exit sign/Emergency luminaire
INFINITY II AC IF2ACS IF2ACD	1W 2W 3W	LED / F / Z	Dependent on Power system	Central Power System (FZLV)	NA	WH/GR/ BL/OC	Ceiling surface/ recessed. Exit sign Emergency luminaire
INFINITY II AL IF2ALS IF2ALD	1W 2W 3W	LED / F / Z	Dependent on Power system	Central Power System (FZLV)	NA	WH/GR/ BL/OC	Ceiling surface/ recessed. Exit sign Emergency luminaire
INFINITY II B IF2BWS IF2BWD	1W 2W 3W	LED / F / Z	Dependent on Power system	Central Power System (FZLV)	NA	WH/GR/ BL/OC	Wall surface/ recessed. Exit sign/ Emergency luminaire

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INFINITY II series (continued)

Model ref.	Power	Light source/ emergency module code	Duration	Mode	Option	Cover code or colour	Assembly type
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FZLV II – Central power system

INFINITY II AW IF2AWS IF2AWD	1W 2W 3W	LED / F / Z	Dependent on Power system	Central Power System (FZLV II)	NA	WH/GR/ BL/OC	Wall surface/ recessed. Exit sign/Emergency luminaire
INFINITY II AC IF2ACS IF2ACD	1W 2W 3W	LED / F / Z	Dependent on Power system	Central Power System (FZLV II)	NA	WH/GR/ BL/OC	Ceiling surface/ recessed. Exit sign Emergency luminaire
INFINITY II AL IF2ALS IF2ALD	1W 2W 3W	LED / F / Z	Dependent on Power system	Central Power System (FZLV II)	NA	WH/GR/ BL/OC	Ceiling surface/ recessed. Exit sign Emergency luminaire
INFINITY II B IF2BWS IF2BWD	1W 2W 3W	LED / F / Z	Dependent on Power system	Central Power System (FZLV II)	NA	WH/GR/ BL/OC	Wall surface/ recessed. Exit sign/ Emergency luminaire

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Emergency Luminaires to BS EN 60598-2-22:2014+A1:2020, BS EN IEC 60598-1:2021

INFINITY II series (continued)

Type Reference System

Self contained: IF2AAA/BB/CCC/EE/FF/GG/JJ
Centrally supplied: IF2AAA/BB/DDD/CB/HHH/JJ
FZLV Centrally supplied: IF2AAA/BB/LED/FZLV/X/JJ
FZLV II Centrally supplied: IF2AAA/BB/LED/FZLVII/X/JJ

AAA = AWS or, AWD or, ACS or, ACD or, ALS or, ALD or, BWS or, BWD
BB = 3 W or, 2 W or, 1 W
CCC = LED or B
DDD = LED or, F, or Z
EE = 1 or, 2 or 3
FF= SE or SA
GG = X or, PT, or, AT or RU
JJ = WH or, GR or, BL or, OC
HHH = CBS or, ADS or, ADP or, ADE or ADN or, ADI
X = X or blank

Legend

IF2AWD – fixture Infinity II AW with floor illumination
IF2ACS – fixture Infinity II AC
IF2ACD – fixture Infinity II AC with floor illumination
IF2ALS – fixture Infinity II AL
IF2ALD – fixture Infinity II AL with floor illumination
IF2BWS – fixture Infinity II B
IF2BWD – fixture Infinity II B with floor illumination
B – code of emergency module Uniled BM
F – code of electronic control gear Uniled HDP
Z – code of electronic control gear Uniled ADP or ADI or ADE
ADP – central battery with electronic control gear ADP
ADE – central battery with electronic control gear ADE
ADN – central battery with ADN address module
ADS – central battery with ADS address module
ADI – central battery with electronic control gear ADI

X – fitting without additional options
AT – autotest
PT – manual test button
RU – Rubic UNA
CB – central battery version
CBS – central battery for circuit monitoring
WH – white
GR – gray
BL- black
OC – Other colour

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LOVATO II series of emergency luminaires

BSI report 8543512, 8935493, 3170239, 3482597 Rev1

Rated Input 220-240VAC 50/60 Hz, 176 -275 VDC, 24/48 VDC, Class II IP41

Model ref.	Power	Light source/ emergency module code	Duration	Mode	Option	Cover code or colour	Assembly type
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Self contained

LOVATO II LV2A LB2A LV2O LB2O LV2C LB2C LV2R LB2R LV2U LB2U	1W 2W 3W	LED / B	1/2/3/ Hrs	Non- maintained (SE) Maintained (SA)	X/PT/AT/ RU	WH/GR/ BL/OC	Wall surface/ ceiling surface Emergency luminaire
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Central battery

LOVATO II LV2A LB2A LV2O LB2O LV2C LB2C LV2R LB2R LV2U LB2U	1W 2W 3W	LED / F / Z	Dependent on Power system	Central Battery (CB)	CBS/ADS/ ADP/ADE/ ADN/ADI	WH/GR/ BL/OC	Wall surface/ ceiling surface Emergency luminaire
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FZLV- Central Power system

LOVATO II LV2A LB2A LV2O LB2O LV2C LB2C LV2R LB2R LV2U LB2U	1W 2W 3W	LED	Dependent on Power system	Central Power System (FZLV)	NA	WH/GR/ BL/OC	Wall surface/ ceiling surface Emergency luminaire
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FZLV II- Central Power system

LOVATO II LV2A LB2A LV2O LB2O LV2C LB2C LV2R LB2R LV2U LB2U	1W 2W 3W	LED	Dependent on Power system	Central Power System (FZLV II)	NA	WH/GR/ BL/OC	Wall surface/ ceiling surface Emergency luminaire
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A member of BSI Group of Companies.

Kitemark™ Certificate

No. KM 618355

Emergency Luminaires to BS EN 60598-2-22:2014+A1:2020, BS EN IEC 60598-1:2021

LOVATO II series (continued)

Type Reference System

Self contained: AAAA/BBBB/CCC/EE/FF/GG/JJ
Centrally supplied: AAAA/BBBB/DDD/CB/HHH/JJ
FZLV Centrally supplied: AAAA/BBBB/LED/FZLV/X/JJ
FZLV II Centrally supplied: AAAA/BBBB/LED/FZLVII/X/JJ

AAAA = LV2A or, LB2A or, LV2O or, LB2O or, LV2C or, LB2C or, LV2R or, LB2R or, LV2U or, LB2U
BBBB = 1 W or, 2 W or, 3 W
CCC = LED or B
DDD = LED or, F, or Z
EE = 1 or, 2 or 3
FF= SE or SA
GG = X or, PT, or, AT or RU
HHH = CBS or, ADS or, ADP or, ADE or, ADN or, ADI
X = X or blank
JJ = WH or, GR or, BL, or OC

Legend

LV2A – fixture LOVATO II with asymmetric optic
LV2O – fixture LOVATO II with open area optic
LV2C – fixture LOVATO II with escape route optic
LV2U – fixture LOVATO II with universal optic
LV2R – fixture LOVATO II with escape route optic
LB2A – fixture LOVATO II with large box and asymmetric optic
LB2O – fixture LOVATO II with large box and open area optic
LB2C – fixture LOVATO II with large box and escape route optic
LB2U – fixture LOVATO II with large box and universal optic
LB2R – fixture LOVATO II with large box and escape route optic
B – code of emergency module Uniled BM
F – Code of electronic controlgear Uniled HDP
Z – code of electronic controlgear Uniled ADP or ADE or ADI
SE – non-maintained
SA – maintained (with an option of connecting as non-maintained)
ADP – central battery with electronic control gear ADP
ADE – central battery with electronic control gear ADE
ADI – central battery with electronic control gear ADI
ADN – central battery with address module ADN
ADS – central battery with address module ADS

X – fitting without additional options
AT – autotest
PT – manual test button
RU – Rubic system UNA
CB – central battery version
CBS – central battery for circuit monitoring
FZLV – central battery FZLV 24 VDC
FZLV II – central battery FZLV II 48 VDC
WH – White housing
BL – Black housing
GR – Grey housing
OC – Other colours

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Latest Issue: 2022-12-07

Effective Date: 2022-12-07

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Emergency Luminaires to BS EN 60598-2-22:2014+A1:2020, BS EN IEC 60598-1:2021

TWINS / ESCAPE LED / PLEXI LED Range

BSI report 3079850-3, 3170238 and 3482589 Rev2

Rated 220-240 V, 50/60 Hz, 176 -275 VDC, 24/48 VDC, Class I, TWINS IP41, PLEXILED IP20, ESCAPE LED IP20

Self-contained

Model ref	Power	Light source / emergency module code	Duration	Mode	Option	Cover code or colour	Assembly type
Twins TW	1W 2W 3W	LED / B	1/2/3 Hrs	Non-Maintained (SE) Maintained (SA)	X/PT/AT/ RU	SR/BL/OC	Ceiling/Wall surface Exit sign
PLEXI LED PL	1W 2W 3W	LED / B	1/2/3 Hrs	Non-Maintained (SE) Maintained (SA)	X/PT/AT/ RU	WH/GR/OC	Ceiling recessed Exit sign
ESCAPE LED EL	1W 2W 3W	LED / B	1/2/3 Hrs	Non-Maintained (SE) Maintained (SA)	X/PT/AT/ RU	WH/GR/OC	Ceiling/Wall surface Exit sign

Central Battery

Model ref	Power	Light source / emergency module code	Duration	Mode	Option	Cover code or colour	Assembly type
Twins TW	1W 2W 3W	LED/F/Z	Dependent on Power system	Central Battery (CB)	CBS/ADP/ADE/ ADI/ADN/ADS	SR/BL/OC	Ceiling/Wall surface Exit sign
PLEXI LED PL	1W 2W 3W	LED/F/Z	Dependent on Power system	Central Battery (CB)	CBS/ADP/ADE/ ADI/ADN/ADS	WH/GR/OC	Ceiling recessed Exit sign
ESCAPE LED EL	1W 2W 3W	LED/F/Z	Dependent on Power system	Central Battery (CB)	CBS/ADP/ADE/ ADI/ADN/ADS	WH/GR/OC	Ceiling/Wall surface Exit sign

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Kitemark™ Certificate

No. KM 618355

Emergency Luminaires to BS EN 60598-2-22:2014+A1:2020, BS EN IEC 60598-1:2021

FZLV – Central Power Systems

Model ref	Power	Light source / emergency module code	Duration	Mode	Option	Cover code or colour	Assembly type
Twins TW	1W 2W 3W	LED	Dependent on Power system	Central Power System (FZLV)	N/A	SR/BL/OC	Ceiling/Wall surface Exit sign
PLEXI LED PL	1W 2W 3W	LED	Dependent on Power system	Central Power System (FZLV)	N/A	WH/GR/OC	Ceiling recessed Exit sign
ESCAPE LED EL	1W 2W 3W	LED	Dependent on Power system	Central Power System (FZLV)	N/A	WH/GR/OC	Ceiling/Wall surface Exit sign

FZLV II – Central Power Systems

Model ref	Power	Light source / emergency module code	Duration	Mode	Option	Cover code or colour	Assembly type
Twins TW	1W 2W 3W	LED	Dependent on Power system	Central Power System (FZLV II)	N/A	SR/BL/OC	Ceiling/Wall surface Exit sign
PLEXI LED PL	1W 2W 3W	LED	Dependent on Power system	Central Power System (FZLV II)	N/A	WH/GR/OC	Ceiling recessed Exit sign
ESCAPE LED EL	1W 2W 3W	LED	Dependent on Power system	Central Power System (FZLV II)	N/A	WH/GR/OC	Ceiling/Wall surface Exit sign

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No. KM 618355

Emergency Luminaires to BS EN 60598-2-22:2014+A1:2020, BS EN IEC 60598-1:2021

TWINS Range continued

Type Reference System

Self contained: AA/BW/CCC/E/FF/GG/JJ

Centrally supplied: AA/BW/DDD/CB/HHH/JJ

FZLV Centrally supplied: AA/BW/LED/FZLV/X/JJ

FZLV II Centrally supplied: AA/BW/LED/FZLV II/X/JJ

AA = TW or, PL or, EL

CCC = LED or, B

B = 3 or, 2 or, 1

DDD = LED or, F or, Z

E = 1 or, 2 or 3

FF= SE or SA

GG = X or, PT, or, AT or RU

HHH = CBS or, ADP or, ADE or, ADI or, ADN or, ADS

JJ = SR or, BL or, WH or, GR or, OC

Legend

TW – fixture Twins

PL – fixture Plexi LED

EL – fixture Escape LED

B – code of emergency module (Uniled BM)

F – code of electronic control gear (Uniled HDP)

Z – code of electronic control gear (Uniled ADP) or ADP or ADI)

SE – non-maintained

SA – maintained (with an option of connecting as non-maintained)

ADE – central battery with electronic control gear ADE

ADP – central battery with electronic control gear ADP

ADN – central battery with ADN address module

ADI – central battery with electronic control gear ADI

ADS – central battery with ADS address module

FZLV II – central battery FZLV II 48 VDC

FZLV – central battery FZLV 24 VDC

X – fitting without additional options

AT – autotest

PT – manual test button

RU – Rubic UNA

CB – central battery version

CBS – central battery for circuit monitoring

WH – White enclosure

GR – Gray enclosure

BL – Black enclosure

SR – Silver enclosure

OC – Other colour enclosure

First Issued: 2015-09-30

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Kitemark™ Certificate

No. KM 618355

Emergency Luminaires to BS EN 60598-2-22:2014+A1:2020, BS EN IEC 60598-1:2021

TIGER LED / TIGER DS LED / HELIOS LED / HELIOS DS Range

BSI report 3079850-4, 3170235, 3482587

Rated 220-240 V, 50/60 Hz, 176 -275 VDC, 24/48 VDC, Class II,
TIGER LED, TIGER DS LED IP22
HELIOS LED, HELIOS DS LED IP42 or IP65

Self Contained

Model ref	Power	Light source / emergency module code	Duration	Mode	Option	Cover code or colour	Assembly type
TIGER LED TL	1W 2W 3W	LED / B	1/2/3 Hrs	Non-Maintained (SE) Maintained (SA)	X/PT/AT/RU	TR/OP	Wall surface/recessed Exit sign Emergency luminaire
TIGER DS LED TSL	1W 2W 3W	LED / B	1/2/3 Hrs	Non-Maintained (SE) Maintained (SA)	X/PT/AT/RU	OP	Ceiling surface / recessed Exit sign
HELIOS LED HEL, HL	1W 2W 3W	LED / B	1/2/3 Hrs	Non-Maintained (SE) Maintained (SA)	X/PT/AT/RU	TR/OP	Wall surface Exit sign Emergency luminaire
HELIOS DS LED HDEL, HDL	1W 2W 3W	LED / B	1/2/3 Hrs	Non-Maintained (SE) Maintained (SA)	X/PT/AT/RU	OP	Ceiling surface Exit sign

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Emergency Luminaires to BS EN 60598-2-22:2014+A1:2020, BS EN IEC 60598-1:2021

TIGER LED / TIGER DS LED / HELIOS LED / HELIOS DS continued

Central Battery

Model ref	Power	Light source / emergency module code	Duration	Mode	Option	Cover code or colour	Assembly type
TIGER LED TL	1W 2W 3W	LED / F / Z	Dependent on Power system	Central Battery (CB)	CB/ADS/ADP/ADI/ADE/ADN	TR/OP	Wall surface/recessed Exit sign Emergency luminaire
TIGER DS LED TSL	1W 2W 3W	LED / F / Z	Dependent on Power system	Central Battery (CB)	CB/ADS/ADP/ADI/ADE/ADN	OP	Ceiling surface / recessed Exit sign
HELIOS LED HEL, HL	1W 2W 3W	LED / F / Z	Dependent on Power system	Central Battery (CB)	CB/ADS/ADP/ADI/ADE/ADN	TR/OP	Wall surface Exit sign Emergency luminaire
HELIOS DS LED HDEL, HDL	1W 2W 3W	LED / F / Z	Dependent on Power system	Central Battery (CB)	CB/ADS/ADP/ADI/ADE/ADN	OP	Ceiling surface Exit sign

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Emergency Luminaires to BS EN 60598-2-22:2014+A1:2020, BS EN IEC 60598-1:2021

TIGER LED / TIGER DS LED / HELIOS LED / HELIOS DS continued

FZLV – Central Power System

Model ref	Power	Light source / emergency module code	Duration	Mode	Option	Cover code or colour	Assembly type
TIGER LED TL	1W 2W 3W	LED	Dependent on Power system	Central Power System (FZLV)	N/A	TR/OP	Wall surface/recessed Exit sign Emergency luminaire
TIGER DS LED TSL	1W 2W 3W	LED	Dependent on Power system	Central Power System (FZLV)	N/A	OP	Ceiling surface / recessed Exit sign
HELIOS LED HEL, HL	1W 2W 3W	LED	Dependent on Power system	Central Power System (FZLV)	N/A	TR/OP	Wall surface Exit sign Emergency luminaire
HELIOS DS LED HDEL, HDL	1W 2W 3W	LED	Dependent on Power system	Central Power System (FZLV)	N/A	OP	Ceiling surface Exit sign

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TIGER LED/ TIGER DS LED / HELIOS LED / HELIOS DS continued

FZLV II – Central Power System

Model ref	Power	Light source / emergency module code	Duration	Mode	Option	Cover code or colour	Assembly type
TIGER LED TL	1W 2W 3W	LED	Dependent on Power system	Central Power System (FZLV II)	N/A	TR/OP	Wall surface/recessed Exit sign Emergency luminaire
TIGER DS LED TSL	1W 2W 3W	LED	Dependent on Power system	Central Power System (FZLV II)	N/A	OP	Ceiling surface / recessed Exit sign
HELIOS LED HEL, HL	1W 2W 3W	LED	Dependent on Power system	Central Power System (FZLV II)	N/A	TR/OP	Wall surface Exit sign Emergency luminaire
HELIOS DS LED HDEL, HDL	1W 2W 3W	LED	Dependent on Power system	Central Power System (FZLV II)	N/A	OP	Ceiling surface Exit sign

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TIGER LED/ TIGER DS LED / HELIOS LED / HELIOS DS continued

Type Reference System

Self-contained: AAAA/BB/CCC/EE/FF/GG/JJ
Centrally supplied: AAAA/BB/DDD/CB/HHH/JJ
FZLV Centrally supplied: AAAA/BB/LED/FZLV/X/JJ
FZLV II Centrally supplied: AAAA/BB/LED/FZLVII/X/JJ

AAAA = HEL or, HL or, HDEL or HDL or TL or, TSL
BB = 1W or, 2W or 3W
CCC = LED or B
DDD = LED or, F, or Z
EE = 1 or, 2 or, 3
FF= SE or SA
GG = X or, PT, or, AT or RU
HHH = CBS or, ADS or, ADP or, ADI or, ADE or, ADN
JJ = TR or OP
X = X or blank

Legend

TL – fixture Tiger led
TSL – fixture Tiger DS led
HL – fixture Helios led IP65
HEL – fixture Helios led IP42
HDL – fixture Helios DS led IP65
HDEL – fixture Helios DS led IP42
AT – Autotest
PT – test button
RU – rubic system UNA
N/A – not applicable
B – code of emergency module (Uniled BM)
F – code of electronic control gear (Uniled HDP)
Z – code of electronic control gear (Uniled ADP or ADE or ADI)

X – without option
ADE – central battery with electronic control gear ADE
ADN – central battery with address module ADN
ADI - central battery with electronic control gear ADI
ADP – central battery with electronic control gear Uniled ADP
ADS – central battery with address module ADS20
CBS – central battery system
TR – transparent cover (cover can be clear or with Fresnel optic,
applicable for Helios led)
OP – opal cover

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Emergency Luminaires to BS EN 60598-2-22:2014+A1:2020, BS EN IEC 60598-1:2021

BSI reports 9769175, 9769177, 3482590 Rev3.

Rated Input 220-240 VAC 50/60 Hz, 176-275 VDC Class I IP42/IP65.

MX emergency luminaire range

Central Battery

Model ref	Power	Light source / emergency module code	Duration	Mode	Option	Cover code or color	Assembly type
MX MX MXO MXC	12W 15W	LED / Z	Dependent on Power system	Central Battery (CB)	CBS/ADS/ADN	WH/GR/BL/OC	Ceiling/Wall surface, Ceiling/Wall recessed, emergency luminaire
MX MXE MXEO MXEC	12W 15W	LED / Z	Dependent on Power system	Central Battery (CB)	CBS/ADS/ADN	WH/GR/BL/OC	Ceiling/Wall surface, Ceiling/Wall recessed, emergency luminaire

Type Reference System

Centrally supplied: AAAA/BBBB/DDD/CB/HHH/JJ

AAAA = MX or MXO or MXC or MXE or MXEO or MXEC

BBBB = 12W or 15W

DDD = LED or, Z

HHH = CBS or, ADS or, ADN

JJ = WH or, GR or, BL or OC

Legend

MX – Luminaire MX IP65 without optics

MXO – Luminaire MX IP65 with optic for open area

MXC – Luminaire MX IP65 with optic for escape route

MXE – Luminaire MX IP42 without optics

MXEO – Luminaire MX IP42 with optic for open area

MXEC – Luminaire MX IP42 with optic for escape route

CB - Central battery system

ADS - Central battery system with address module ADS20

ADN – central battery system with address module ADN

CBS – central battery for circuit monitoring

WH – White housing

GR – Grey housing

BL – Black housing

OC – Other colours

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Emergency Luminaires to BS EN 60598-2-22:2014+A1:2020, BS EN IEC 60598-1:2021

BSI test reports 3299562 rev 1, 3299563-1 and 3299565-1.

Rated Class II, IP 20, 220-240 V AC, 50/60 Hz, 176-275 V DC, LED 2 W, Ta 0 - +50°C

Model ref.	Rated Power	Light source/ emergency module code	Duration	Mode	Option	Cover code or colour	Assembly type
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Central Battery

ESCAPE ALU Central Battery

ESAC	2 W	LED/Z	Dependent on power system	Central Battery (CB)	CBS ADP V3 ADE V3	WH SR BL	Ceiling / Wall / Surface / Recessed mounted exit sign
ESAL							Ceiling / Wall / Surface / Recessed mounted exit sign
ESB							Ceiling / Wall / Surface mounted exit sign

LEGEND:

ESAC – Luminaire Escape ALU AC

ESAL – Luminaire Escape ALU AL

ESB – Luminaire Escape ALU B

Z – Code of Electronic Control Gear (Uniled ADP V3 or ADE V3)

ADP V3 – Central Battery with Electronic Control Gear Uniled ADP V3

ADE V3 – Central Battery with Electronic Control Gear Uniled ADP V3

CBS – Central Battery System

WH – White

SR – Silver

BL – Black

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Emergency Luminaires to BS EN 60598-2-22:2014+A1:2020, BS EN IEC 60598-1:2021

BSI test reports 3299562 rev 1, 3299563-1 and 3299565-1.

Rated Class III, IP 20, 48V DC, LED 2 W, Ta 0 - +50°C

Model ref.	Rated Power	Light source/ emergency module code	Duration	Mode	Option	Cover code or colour	Assembly type
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FZLV II Central Power System

ESCAPE ALU Central Power System (FZLV II)

ESAC	2 W	LED	Dependent on power system	Central Power System (FZLV II)	N/A	WH SR BL	Ceiling / Wall / Surface / Recessed mounted exit sign
ESAL							Ceiling / Wall / Surface / Recessed mounted exit sign
ESB							Ceiling / Wall / Surface mounted exit sign

LEGEND:

ESAC – Luminaire Escape ALU AC

ESAL – Luminaire Escape ALU AL

ESB – Luminaire Escape ALU B

NA – Not Applicable

WH – White

SR – Silver

BL – Black

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Emergency Luminaires to BS EN 60598-2-22:2014+A1:2020, BS EN IEC 60598-1:2021

BSI test reports 3299557

Rated Class II, IP 20, 220-240 V AC, 50/60 Hz, 176-275V DC, LED 2 W, Ta 0 - +50°C

Model ref.	Optics	Rated Power	Light source/ emergency module code	Duration	Mode	Option	Cover code or colour	Assembly type
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Central Battery

AXP 3 & LOVATO P 3 Central Battery

AX3P	A O U R R1 R2	1 W	LED/Z	Dependent on power system	Central Battery (CB)	CBS	WH	Ceiling / Wall Recessed
LV3P		2 W				ADP V2	GR	
						ADE V2	BL	

LEGEND:

AX3P	Luminaire AXP 3
LV3P	Luminaire LOVATO P 3
A	Asymmetric Optics
O	Optics for Open Area
U	Universal Optics
R	Optics for Escape Road
R1	Optics for Escape Road
R2	Optics for Escape Road
Z	Code of Electronic Control Gear (Uniled ADP V2 or ADE V2)
ADP V2	Central Battery with Electronic Control Gear Uniled ADP V2
ADE V2	Central Battery with Electronic Control Gear Uniled ADE V2
CBS	Central Battery System
WH	White
GR	Grey
BL	Black

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No. KM 618355

Emergency Luminaires to BS EN 60598-2-22:2014+A1:2020, BS EN IEC 60598-1:2021

BSI test reports 3299557

Rated Class III, IP 20, 48V DC, LED 2 W, Ta 0 - +50°C

Model ref.	Optics	Rated Power	Light source/ emergency module code	Duration	Mode	Option	Cover code or colour	Assembly type
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FZLV II Central Power System

AXP 3 & LOVATO P 3 Central Power System (FZLV II)

AX3P	A O U R R1 R2	1 W	LED	Dependent on power system	Central Power System (FZLV II)	N/A	WH	Ceiling / Wall Recessed
LV3P		2 W					GR BL	

LEGEND:

AX3P	Luminaire AXP 3
LV3P	Luminaire LOVATO P 3
A	Asymmetric Optics
O	Optics for Open Area
U	Universal Optics
R	Optics for Escape Road
R1	Optics for Escape Road
R2	Optics for Escape Road
NA	Not Applicable
WH	White
GR	Grey
BL	Black

First Issued: 2015-09-30

Latest Issue: 2022-12-07

Effective Date: 2022-12-07

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Kitemark™ Certificate

No. KM 618355

Emergency Luminaires to BS EN 60598-2-22:2014+A1:2020, BS EN IEC 60598-1:2021

BSI test reports 3299554

Rated Class II, IP 20, 220-240 V AC, 50/60 Hz, 176-275V DC, LED 2 W, Ta 0 - +50°C

Model ref.	Optics	Rated Power	Light source/ emergency module code	Duration	Mode	Option	Cover code or colour	Assembly type
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Central Battery

AXN3 & LOVATO N 3 Central Battery

AX3N	A O U R R1 R2	1 W	LED/Z	Dependent on power system	Central Battery (CB)	CBS	WH	Ceiling / Wall Surface/Rece ssed
LV3N		2 W				ADP V1	GR	
						ADE V1	BL	

LEGEND:

AX3N	Luminaire AXN3
LV3N	Luminaire LOVATO N 3
A	Asymmetric Optics
O	Optics for Open Area
U	Universal Optics
R	Optics for Escape Road
R1	Optics for Escape Road
R2	Optics for Escape Road
Z	Code of Electronic Control Gear (Uniled ADP V1 or ADE V1)
ADP V1	Central Battery with Electronic Control Gear Uniled ADP V1
ADE V1	Central Battery with Electronic Control Gear Uniled ADE V1
CBS	Central Battery System
WH	White
GR	Grey
BL	Black

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No. KM 618355

Emergency Luminaires to BS EN 60598-2-22:2014+A1:2020, BS EN IEC 60598-1:2021

BSI test reports 3299554

Rated Class III, IP 20, 48V DC, LED 2 W, Ta 0 - +50°C

Model ref.	Optics	Rated Power	Light source/ emergency module code	Duration	Mode	Option	Cover code or colour	Assembly type
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FZLV II Central Power System

AXN3 & LOVATO N 3 Central Power System (FZLV II)

AXN3	A O U R R1 R2	1 W	LED	Dependent on power system	Central Power System (FZLV II)	N/A	WH GR BL	Ceiling / Wall Surface/Rece ssed
LV3N		2 W						

LEGEND:

AX3N	Luminaire AXN3
LV3N	Luminaire LOVATO N 3
A	Asymmetric Optics
O	Optics for Open Area
U	Universal Optics
R	Optics for Escape Road
R1	Optics for Escape Road
R2	Optics for Escape Road
NA	Not Applicable
WH	White
GR	Grey
BL	Black

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Emergency Luminaires to BS EN 60598-2-22:2014+A1:2020, BS EN IEC 60598-1:2021

BSI test reports 3299560, 3299563-2, 3299565-2

Rated Class II, IP 20, 220-240 V AC, 50/60 Hz, LED 2 W, Ta 0 - +40°C

Model ref.	Rated Power	Light source/ emergency module code	Duration	Mode	Option	Cover code or colour	Assembly type
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Self Contained

ESCAPE ALU Self Contained

ESAC	2 W	LED/B	1 / 2 / 3 hours	Non-Maintained (SE) Maintained (SA)	X PT AT RU	WH SR BL	Ceiling / Wall / Surface / Recessed mounted exit sign
ESAL							Ceiling / Wall / Surface / Recessed mounted exit sign
ESB							Ceiling / Wall / Surface mounted exit sign

LEGEND:

- ESAC – Luminaire Escape ALU AC
- ESAL – Luminaire Escape ALU AL
- ESB – Luminaire Escape ALU B
- AT – Auto Test
- PT – Test Button
- RU – Rubic System UNA
- B – Code of Emergency Module (Uniled DPT V3 or DRU V3)
- X – Without Option
- WH – White
- SR – Silver
- BL – Black

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No. KM 618355

Emergency Luminaires to BS EN 60598-2-22:2014+A1:2020, BS EN IEC 60598-1:2021

BSI test reports 3299556

Rated Class II, IP 20, 220-240 V AC, 50/60 Hz, LED 2 W, Ta 0 - +40°C

Model ref.	Optics	Rated Power	Light source/ emergency module code	Duration	Mode	Option	Cover code or colour	Assembly type
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Self Contained

AXP 3 & LOVATO P 3 Self Contained

AX3P	A O U R R1 R2	1 W	LED/B	1 / 2 / 3 hours	Non- Maintained (SE) Maintained (SA)	X PT AT RU	WH	Ceiling / Wall Recessed
LV3P		2 W					GR	

LEGEND:

AX3P	Luminaire AXP3
LV3P	Luminaire LOVATO P 3
A	Asymmetric Optics
O	Optics for Open Area
U	Universal Optics
R	Optics for Escape Road
R1	Optics for Escape Road
R2	Optics for Escape Road
AT	Auto-Test
PT	Test Button
RU	Rubic System UNA
B	Code of Emergency Module (Unilled DPT V2 or DRU V2)
X	Without Option
WH	White
GR	Grey
BL	Black

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Kitemark™ Certificate

No. KM 618355

Emergency Luminaires to BS EN 60598-2-22:2014+A1:2020, BS EN IEC 60598-1:2021

BSI test reports 3299553

Rated Class II, IP 20, 220-240 V AC, 50/60 Hz, LED 2 W, Ta 0 - +40°C

Model ref.	Optics	Rated Power	Light source/ emergency module code	Duration	Mode	Option	Cover code or colour	Assembly type
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Self Contained

AXN3 & LOVATO N 3 Self Contained

AX3N	A O U R R1 R2	1 W	LED/B	1 / 2 / 3 hours	Non- Maintained (SE) Maintained (SA)	X PT AT RU	WH	Ceiling / Wall Surface/Re cessed
LV3N		2 W					GR	

LEGEND:

- AX3N Luminaire AXN3
- LV3N Luminaire LOVATO N 3
- A Asymmetric Optics
- O Optics for Open Area
- U Universal Optics
- R Optics for Escape Road
- R1 Optics for Escape Road
- R2 Optics for Escape Road
- AT Auto-Test
- PT Test Button
- RU Rubic System UNA
- B Code of Emergency Module (Uniled DPT V1 or DRU V1)
- X Without Option
- WH White
- GR Grey
- BL Black

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No. KM 618355

Emergency Luminaires to BS EN 60598-2-22:2014+A1:2020, BS EN IEC 60598-1:2021

Micro Spot range

BSI report 3482591

Rated 220-240 VAC 50/60 Hz, Class II, 176-275 VDC or 24/48 VDC Class II, IP20

Model ref.	Power	Light source/ emergency module code	Duration	Mode	Option	Cover code or colour	Assembly type
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Self-contained

Micro Spot MSU, MSR, MTRU, MTRR, MTSU, MTSR	1W, 2W, 3W	LED / B	1/2/3 Hrs	Non-maintained (SE) Maintained (SA)	X/PT/AT/RU	WH GR BL OC	Ceiling mount emergency luminaire
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Central Battery

Micro Spot MSU, MSR, MTRU, MTRR, MTSU, MTSR	1W, 2W, 3W	LED / F / Z	Dependent on Power system	Central Battery (CB)	CBS/ADS/ ADP/ADE/ ADN/ADI	WH GR BL OC	Ceiling mount emergency luminaire
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FZLV – Central Power system

Micro Spot MSU, MSR, MTRU, MTRR, MTSU, MTSR	1W, 2W, 3W	LED	Dependent on Power system	Central Power System (FZLV)	NA	WH GR BL OC	Ceiling mount emergency luminaire
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FZLV II – Central Power system

Micro Spot MSU, MSR, MTRU, MTRR, MTSU, MTSR	1W, 2W, 3W	LED	Dependent on Power system	Central Power System (FZLV II)	NA	WH GR BL OC	Ceiling mount emergency luminaire
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Emergency Luminaires to BS EN 60598-2-22:2014+A1:2020, BS EN IEC 60598-1:2021

Micro Spot range (continued)

Type Reference System

Self contained: AAAA/BB/CC/EE/FF/GG/JJ

Centrally supplied: AAAA/BB/DD/CB/HHH/JJ

FZLV Centrally supplied: AAAA/BB/LED/FZLV/X/JJ

FZLV II Centrally supplied: AAAA/BB/LED/FZLVII/X/JJ

AAAA = MSU or MSR or MTRU or MTRR or MTSU or MTSR.

BB = 1W, 2W or 3W.

CC = LED or B.

DD = LED or F or Z

EE = 1, 2 or 3 hrs

FF = SE or SA

GG = X, PT, AT, RU,

HHH = CBS, ADS, ADN, ADP, ADE, ADI

JJ = WH, GR, BL or OC.

X = X or blank

Legend

MSU – fixture MICRO SPOT with universal optic

MSR – fixture MICRO SPOT with optic for escape route

MTRU – fixture MICRO SPOT ROUND with universal optic

MTRR – fixture MICRO SPOT ROUND with optic for escape route

MTSU – fixture MICRO SPOT SQUARE with universal optic

MTSR – fixture MICRO SPOT SQUARE with optic for escape route

B – code of emergency module (Uniled BM)

F – code of electronic control gear (Uniled HDP)

Z – code of electronic control gear (Uniled ADP or ADE or ADI)

SE = non-maintained

SA = maintained

CB = central battery

FZLV = central battery 24VDC

FZLV II = central battery 48VDC

X – without option

AT – Autotest

PT – test button

RU – rubic system UNA

N A – not applicable

ADP – central battery with electronic control gear Uniled ADP

ADE – central battery with electronic control gear Uniled ADE

ADI - central battery with electronic control gear Uniled ADI

ADN - central battery with address module ADN

ADS – central battery with address module ADS20

CBS – central battery system

WH – white

GR – gray

BL- black

OC – other colours

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