

Kitemark™ Certificate

This is to certify that:

Olympia Electronics
N. Lakasas - P. Arvanitidis S.A.
72nd klm Old Highway
Thessaloniki Katerini
Eginio, Pieria
P.C 60300
Greece

Holds Certificate Number:

KM 640081

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: 2016-01-14

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Kitemark™ Certificate

No. KM 640081

Emergency Luminaires to BS EN IEC 60598-2-22:2022 in conjunction with BS EN IEC 60598-1:2021

MLD range of emergency luminaires

Rated 220-240V AC/50-60Hz Class II IP40

BSI Test Report reference 8413436, 3676067 and 3873731 Rev 2

Model	Rating	IP	Duration	Mode	Assembly type
MLD-28D/w	220-240 V a.c, 50-60 Hz	IP40	3 hours	Self contained	Ceiling/Wall/Suspension mounted. Exit sign.
MLD-34D/w	220-240 V a.c, 50-60 Hz	IP40	3 hours	Self contained	Ceiling/Wall/Suspension mounted. Exit sign.
MLD-44D/w	220-240 V a.c, 50-60 Hz	IP40	3 hours	Self contained	Ceiling/Wall/Suspension mounted. Exit sign.

GRL range of emergency luminaires – Twinspots

Rated 220-240 V a.c, 50-60 Hz, Class II

BSI Test Report reference 8859302 Rev 1, 3676071 and 3873728 Rev 1

Model	Rating	IP	Duration	Mode	Assembly type
GRL-37/90	220-240 V a.c, 50-60 Hz	IP42	1.5 hours	Non maintained, self test	Surface mounted emergency luminaire
GRL-37/180	220-240 V a.c, 50-60 Hz	IP42	3 hours	Non maintained, self test	Surface mounted emergency luminaire
GRL-37/90/WP	220-240 V a.c, 50-60 Hz	IP65	1.5 hours	Non maintained, self test	Surface mounted emergency luminaire
GRL-37/180/WP	220-240 V a.c, 50-60 Hz	IP65	3 hours	Non maintained, self test	Surface mounted emergency luminaire
GRL-37/90/ADR	220-240 V a.c, 50-60 Hz	IP42	1.5 hours	Addressable, self testing, non maintained	Surface mounted emergency luminaire
GRL-37/180/ADR	220-240 V a.c, 50-60 Hz	IP42	3 hours	Addressable, self testing, non maintained	Surface mounted emergency luminaire
GRL-37/90/WP/ADR	220-240 V a.c, 50-60 Hz	IP65	1.5 hours	Addressable, self testing, non maintained	Surface mounted emergency luminaire
GRL-37/180/WP/ADR	220-240 V a.c, 50-60 Hz	IP65	3 hours	Addressable, self testing, non maintained	Surface mounted emergency luminaire

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Emergency Luminaires to BS EN IEC 60598-2-22:2022 in conjunction with BS EN IEC 60598-1:2021

GRL-29 range of emergency luminaires

Rated 220-240V AC/50-60Hz Class II IP42
BSI Test Report reference 3168381 Rev 1, 3676075 and 3873725 Rev2

Model	Rating	IP	Duration	Mode	Assembly type
GRL-29	220-240 V AC/50-60 Hz	IP42	3 hours	Self-contained	Surface mounted emergency luminaire
GRL-29/ADR	220-240 V AC/50-60 Hz	IP42	3 hours	Self-contained	Surface mounted emergency luminaire
GRL-29/WP	220-240 V AC/50-60 Hz	IP65	3 hours	Self-contained	Surface mounted emergency luminaire
GRL-29/WP/ADR	220-240 V AC/50-60 Hz	IP65	3 hours	Self-contained	Surface mounted emergency luminaire

ZLD range of emergency exit luminaires

Rated 220-240V AC/ 50-60Hz Class I IP40
BSI Test Report reference 3676069 Rev 1 and 3873732 Rev 2

Model	Rating	IP	Duration	Mode	Assembly type
ZLD 28/EM/ADR	220-240 V AC/50-60 Hz	IP40	3 hours	Addressable self-testing maintained	Surface mounted emergency luminaire
ZLD 34/EM/ADR	220-240 V AC/50-60 Hz	IP40	3 hours	Addressable self-testing maintained	Surface mounted emergency luminaire
ZLD 28/EM	220-240 V AC/50-60 Hz	IP40	3 hours	Self-testing maintained	Surface mounted emergency luminaire
ZLD 34/EM	220-240 V AC/50-60 Hz	IP40	3 hours	Self-testing maintained	Surface mounted emergency luminaire

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BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
A member of BSI Group of Companies.

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Emergency Luminaires to BS EN IEC 60598-2-22:2022 in conjunction with BS EN IEC 60598-1:2021

ZLD range of central battery emergency luminaires

Rated 220-240V AC/50-60Hz Class III IP40

BSI Test Report reference 8439708 Rev 1, 3676073 and 3873723 Rev 2

Model	Rating	IP	Duration	Mode	Assembly type
ZLD-34/24V/ADR/EM	15-30V DC	IP40	3 hours	Addressable , centrally supplied, maintained	Surface/hanging mounted emergency exit luminaire
ZLD-28/24V/ADR/EM	15-30V DC	IP40	3 hours	Addressable , centrally supplied, maintained	Surface/hanging mounted emergency exit luminaire
ZLD-34/CBS/24VDC/EM	15-30V DC	IP40	3 hours	Centrally supplied, maintained	Surface/hanging mounted emergency exit luminaire
ZLD-28/CBS/24VDC/EM	15-30V DC	IP40	3 hours	Centrally supplied, maintained	Surface/hanging mounted emergency exit luminaire
ZLD-34/CBS/EM	15-30V DC 100-250 VAC	IP40	3 hours	Centrally supplied, maintained	Surface/hanging mounted emergency exit luminaire
ZLD-28/CBS/EM	15-30V DC 100-250 VAC	IP40	3 hours	Centrally supplied, maintained	Surface/hanging mounted emergency exit luminaire

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Emergency Luminaires to BS EN IEC 60598-2-22:2022 in conjunction with BS EN IEC 60598-1:2021

KLD and KLIN range of Emergency/Exit Luminaires

Rated: 220-240 V, 50/60 Hz, Class II

BSI Test Report Number 3118648 and 3873722 Rev 2

Model	Rating	Duration	IP	Assembly type
KLD-30/ST	220-240 V AC/50-60 Hz	3 hours	IP54	Self-contained, recessed or surface ceiling/wall mounted emergency exit sign
KLD-30/ST/ADR	220-240 V AC/50-60 Hz	3 hours	IP54	Self-contained, recessed or surface ceiling/wall mounted emergency exit sign
KLD-22/ST	220-240 V AC/50-60 Hz	3 hours	IP54	Self-contained, recessed or surface ceiling/wall mounted emergency exit sign
KLD-22/ST/ADR	220-240 V AC/50-60 Hz	3 hours	IP54	Self-contained, recessed or surface ceiling/wall mounted emergency exit sign
KLR-20/ST	220-240 V AC/50-60 Hz	3 hours	IP54	Self-contained, recessed or surface ceiling/wall mounted emergency exit sign
KLR-20/ST/ADR	220-240 V AC/50-60 Hz	3 hours	IP54	Self-contained, recessed or surface ceiling/wall mounted emergency exit sign
KLIN-20/ST/ADR	220-240 V AC/50-60 Hz	3 hours	IP54	Self-contained, recessed or surface ceiling/wall mounted emergency luminaire
KLIN-20/ST	220-240 V AC/50-60 Hz	3 hours	IP54	Self-contained, recessed or surface ceiling/wall mounted emergency luminaire

Accessories for installation tested in this report:

Bracket code	Description	Supplied with luminaire?
N/A	Wall mounting	Yes
N/A	Ceiling mounting	Yes
A-2133	Wall mounting	No
A-2520/PL/ST	Recess mounting	No
A-2132	Ceiling mounting	No
A-2136	Hanging installation	No

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Emergency Luminaires to BS EN 60598-2-22:2014 and BS EN 60598-1:2015+A1:2018.

Skyline range of emergency exit luminaires

Rated: 220-240 V, 50/60 Hz, Class II, IP65

BSI Test Report reference 3225066-1 and 9787475

Model	Rating	Duration	IP	Assembly type
SLL-501/WP	220-240 V Class II 50/60 Hz	1.5 hours	IP65	Surface mounted emergency exit luminaire
SLL-503/WP	220-240 V Class II 50/60 Hz	3 hours	IP65	Surface mounted emergency exit luminaire
SLL-501/WP/ADR	220-240 V Class II 50/60 Hz	1.5 hours	IP65	Surface mounted emergency exit luminaire
SLL-503/WP/ADR	220-240 V Class II 50/60 Hz	3 hours	IP65	Surface mounted emergency exit luminaire
SLL-503/LS	220-240 V Class II 50/60 Hz	3 hours	IP40	Surface mounted emergency exit luminaire
SLL-503/LS/WP	220-240 V Class II 50/60 Hz	3 hours	IP65	Surface mounted emergency exit luminaire
SLL-503	220-240 V Class II 50/60 Hz	3 hours	IP40	Surface mounted emergency exit luminaire
SLL-503/ADR	220-240 V Class II 50/60 Hz	3 hours	IP40	Surface mounted emergency exit luminaire
SLL-501	220-240 V Class II 50/60 Hz	1.5 hours	IP40	Surface mounted emergency exit luminaire
SLL-501/ADR	220-240 V Class II 50/60 Hz	1.5 hours	IP40	Surface mounted emergency exit luminaire

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Skyline range of emergency exit luminaires

Model	Rating	Duration	IP	Assembly type
SLL-1001/WP	220-240 V Class II 50/60 Hz	1.5 hours	IP65	Surface mounted emergency exit luminaire
SLL-1003/WP	220-240 V Class II 50/60 Hz	3 hours	IP65	Surface mounted emergency exit luminaire
SLL-1011/WP	220-240 V Class II 50/60 Hz	1.5 hours	IP65	Surface mounted emergency luminaire
SLL-1013/WP	220-240 V Class II 50/60 Hz	3 hours	IP65	Surface mounted emergency luminaire
SLL-1021/WP	220-240 V Class II 50/60 Hz	1.5 hours	IP65	Surface mounted emergency luminaire
SLL-1023/WP	220-240 V Class II 50/60 Hz	3 hours	IP65	Surface mounted emergency luminaire
SLL-501/WP/ADR	220-240 V Class II 50/60 Hz	1.5 hours	IP65	Surface mounted emergency luminaire
SLL-503/WP/ADR	220-240 V Class II 50/60 Hz	3 hours	IP65	Surface mounted emergency luminaire
SLL-1001/WP/ADR	220-240 V Class II 50/60 Hz	1.5 hours	IP65	Surface mounted emergency exit luminaire
SLL-1003/WP/ADR	220-240 V Class II 50/60 Hz	3 hours	IP65	Surface mounted emergency exit luminaire
SLL-1011/WP/ADR	220-240 V Class II 50/60 Hz	1.5 hours	IP65	Surface mounted emergency luminaire
SLL-1013/WP/ADR	220-240 V Class II 50/60 Hz	3 hours	IP65	Surface mounted emergency luminaire

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Skyline range of emergency exit luminaires

Model	Rating	Duration	IP	Assembly type
SLL-1021/WP/ADR	220-240 V Class II 50/60 Hz	1.5 hours	IP65	Surface mounted emergency luminaire
SLL-1023/WP/ADR	220-240 V Class II 50/60 Hz	3 hours	IP65	Surface mounted emergency luminaire
SLL-1001	220-240 V Class II 50/60 Hz	1.5 hours	IP40	Surface mounted emergency luminaire
SLL-1001/ADR	220-240 V Class II 50/60 Hz	1.5 hours	IP40	Surface mounted emergency luminaire
SLL-1003	220-240 V Class II 50/60 Hz	3 hours	IP40	Surface mounted emergency luminaire
SLL-1003/ADR	220-240 V Class II 50/60 Hz	3 hours	IP40	Surface mounted emergency luminaire
SLL-1011	220-240 V Class II 50/60 Hz	1.5 hours	IP40	Surface mounted emergency luminaire
SLL-1011/ADR	220-240 V Class II 50/60 Hz	1.5 hours	IP40	Surface mounted emergency luminaire
SLL-1013	220-240 V Class II 50/60 Hz	3 hours	IP40	Surface mounted emergency luminaire
SLL-1013/ADR	220-240 V Class II 50/60 Hz	3 hours	IP40	Surface mounted emergency luminaire
SLL-1021	220-240 V Class II 50/60 Hz	1.5 hours	IP40	Surface mounted emergency luminaire
SLL-1021/ADR	220-240 V Class II 50/60 Hz	1.5 hours	IP40	Surface mounted emergency luminaire

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Skyline range of emergency exit luminaires

Model	Rating	Duration	IP	Assembly type
SLL-1023	220-240 V Class II 50/60 Hz	3 hours	IP40	Surface mounted emergency luminaire
SLL-1023/ADR	220-240 V Class II 50/60 Hz	3 hours	IP40	Surface mounted emergency luminaire

Emergency Luminaires to BS EN 60598-2-22:2014 and BS EN 60598-1:2015

GR range of emergency exit luminaires

Rated: 220-240 V, 50/60 Hz, Class II, IP65

BSI Test Report reference 9685738 Rev 1

Model	Rating	Duration	IP	Assembly type
GR-939/30L/ADR/DSD	220-240 V Class II 50/60 Hz	3 hours	IP65	Ceiling/wall mounted emergency exit luminaire
GR-939/15L/ADR/DSD	220-240 V Class II 50/60 Hz	3 hours	IP65	Ceiling/wall mounted emergency exit luminaire
GR-939/30L/DSD	220-240 V Class II 50/60 Hz	3 hours	IP65	Ceiling/wall mounted emergency exit luminaire
GR-939/15L/DSD	220-240 V Class II 50/60 Hz	3 hours	IP65	Ceiling/wall mounted emergency exit luminaire

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GR range of emergency exit luminaires

Rated: 220-240 V, 50/60 Hz, Class II, IP40/IP65/IP20

BSI Test Report reference 3053920 Rev 2

Model	Rating	Duration	IP	Assembly type
GR-290/M	220-240 V Class II 50/60 Hz	1.5 hours	IP40	Ceiling/wall mounted emergency luminaire
GR-290/M/ADR	220-240 V Class II 50/60 Hz	1.5 hours	IP40	Ceiling/wall mounted emergency luminaire
GR-291/M	220-240 V Class II 50/60 Hz	1.5 hours	IP40	Ceiling/wall mounted emergency luminaire
GR-291/M/ADR	220-240 V Class II 50/60 Hz	1.5 hours	IP40	Ceiling/wall mounted emergency luminaire
GR-292/M	220-240 V Class II 50/60 Hz	3 hours	IP40	Ceiling/wall mounted emergency luminaire
GR-292/M/ADR	220-240 V Class II 50/60 Hz	3 hours	IP40	Ceiling/wall mounted emergency luminaire
GR-293/M	220-240 V Class II 50/60 Hz	3 hours	IP40	Ceiling/wall mounted emergency luminaire
GR-293/M/ADR	220-240 V Class II 50/60 Hz	3 hours	IP40	Ceiling/wall mounted emergency luminaire
GR-290/WP/M	220-240 V Class II 50/60 Hz	1.5 hours	IP65	Ceiling/wall mounted emergency luminaire
GR-290/WP/M/ADR	220-240 V Class II 50/60 Hz	1.5 hours	IP65	Ceiling/wall mounted emergency luminaire

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GR range of emergency exit luminaires

GR-291/WP/M	220-240 V Class II 50/60 Hz	1.5 hours	IP65	Ceiling/wall mounted emergency luminaire
GR-291/WP/M/ADR	220-240 V Class II 50/60 Hz	1.5 hours	IP65	Ceiling/wall mounted emergency luminaire
GR-292/WP/M	220-240 V Class II 50/60 Hz	3 hours	IP65	Ceiling/wall mounted emergency luminaire
GR-292/WP/M/ADR	220-240 V Class II 50/60 Hz	3 hours	IP65	Ceiling/wall mounted emergency luminaire
GR-293/WP/M	220-240 V Class II 50/60 Hz	3 hours	IP65	Ceiling/wall mounted emergency luminaire
GR-293/WP/M/ADR	220-240 V Class II 50/60 Hz	3 hours	IP65	Ceiling/wall mounted emergency luminaire
GR-292/M/HL	220-240 V Class II 50/60 Hz	3 hours	IP20	Ceiling/wall mounted/recessed emergency luminaire
GR-292/M/HL/ADR	220-240 V Class II 50/60 Hz	3 hours	IP20	Ceiling/wall mounted/recessed emergency luminaire
GR-293/M/HL	220-240 V Class II 50/60 Hz	3 hours	IP20	Ceiling/wall mounted/recessed emergency luminaire
GR-293/M/HL/ADR	220-240 V Class II 50/60 Hz	3 hours	IP20	Ceiling/wall mounted/recessed emergency luminaire

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GR range of emergency luminaires

Rated 220-240V AC/50-60Hz Class II

BSI Test Report reference 8408551.

Model	Rating	Duration	IP	Assembly type
GR-310/30L/A	220-240 V Class II 50/60 Hz	1.5 hours	IP40	Ceiling/Wall/Suspension mounted. Emergency/exit luminaire.
GR-312/30L/A	220-240 V Class II 50/60 Hz	3 hours	IP40	Ceiling/Wall/Suspension mounted. Emergency/exit luminaire.
GR-310/15L/A	220-240 V Class II 50/60 Hz	1.5 hours	IP40	Ceiling/Wall/Suspension mounted. Emergency/exit luminaire.
GR-312/15L/A	220-240 V Class II 50/60 Hz	3 hours	IP40	Ceiling/Wall/Suspension mounted. Emergency/exit luminaire.
GR-312/LS/A	220-240 V Class II 50/60 Hz	3 hours	IP40	Ceiling/Wall/Suspension mounted. Emergency/exit luminaire.
GR-1936/30L	220-240 V Class II 50/60 Hz	3 hours	IP65	Ceiling/Wall mounted. Emergency luminaire.
GR-1936/15L	220-240 V Class II 50/60 Hz	3 hours	IP65	Ceiling/Wall mounted. Emergency luminaire.
GR-1935/30L	220-240 V Class II 50/60 Hz	1.5 hours	IP65	Ceiling/Wall mounted. Emergency luminaire.
GR-1935/15L	220-240 V Class II 50/60 Hz	1.5 hours	IP65	Ceiling/Wall mounted. Emergency luminaire.
GR-1310/30L	220-240 V Class II 50/60 Hz	1.5 hours	IP40	Ceiling/Wall/Suspension mounted. Emergency/exit luminaire.
GR-1310/15L	220-240 V Class II 50/60 Hz	1.5 hours	IP40	Ceiling/Wall/Suspension mounted. Emergency/exit luminaire.

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GR range of emergency luminaires

Rated 220-240V AC/50-60Hz Class II

BSI Test Report reference 8408551.

GR-1312/30L	220-240 V Class II 50/60 Hz	3 hours	IP40	Ceiling/Wall/Suspension mounted. Emergency/exit luminaire.
GR-1312/15L	220-240 V Class II 50/60 Hz	3 hours	IP40	Ceiling/Wall/Suspension mounted. Emergency/exit luminaire.

Emergency Luminaires to BS EN 60598-2-22:2014 and BS EN 60598-1:2015.

GR range of emergency luminaires

Rated 220-240V AC/50-60Hz Class II

BSI Test Report reference 8408547

Model	Rating	Duration	IP	Assembly type
GR-315/15L/ADR/A	220-240 V Class II 50/60 Hz	1.5 hours	IP40	Ceiling/Wall/Suspension mounted. Emergency/exit luminaire.
GR-315/15L/A	220-240 V Class II 50/60 Hz	1.5 hours	IP40	Ceiling/Wall/Suspension mounted. Emergency/exit luminaire.
GR-316/15L/ADR/A	220-240 V Class II 50/60 Hz	3 hours	IP40	Ceiling/Wall/Suspension mounted. Emergency/exit luminaire.
GR-316/15L/A	220-240 V Class II 50/60 Hz	3 hours	IP40	Ceiling/Wall/Suspension mounted. Emergency/exit luminaire.
GR-315/30L/ADR/A	220-240 V Class II 50/60 Hz	1.5 hours	IP40	Ceiling/Wall/Suspension mounted. Emergency/exit luminaire.

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Emergency Luminaires to BS EN 60598-2-22:2014 and BS EN 60598-1:2015.

GR range of emergency luminaires (continued)

GR-315/30L/A	220-240 V Class II 50/60 Hz	1.5 hours	IP40	Ceiling/Wall/Suspension mounted. Emergency/exit luminaire.
GR-316/30L/ADR/A	220-240 V Class II 50/60 Hz	3 hours	IP40	Ceiling/Wall/Suspension mounted. Emergency/exit luminaire.
GR-316/30L/A	220-240 V Class II 50/60 Hz	3 hours	IP40	Ceiling/Wall/Suspension mounted. Emergency/exit luminaire.
GR-938/15L/ADR	220-240 V Class II 50/60 Hz	1.5 hours	IP65	Ceiling/Wall mounted. Emergency luminaire.
GR-938/15L	220-240 V Class II 50/60 Hz	1.5 hours	IP65	Ceiling/Wall mounted. Emergency luminaire.
GR-938/30L/ADR	220-240 V Class II 50/60 Hz	1.5 hours	IP65	Ceiling/Wall mounted. Emergency luminaire.
GR-938/30L	220-240 V Class II 50/60 Hz	1.5 hours	IP65	Ceiling/Wall mounted. Emergency luminaire.
GR-939/15L/ADR	220-240 V Class II 50/60 Hz	3 hours	IP65	Ceiling/Wall mounted. Emergency luminaire.
GR-939/15L	220-240 V Class II 50/60 Hz	3 hours	IP65	Ceiling/Wall mounted. Emergency luminaire.

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Kitemark™ Certificate

No. KM 640081

Emergency Luminaires to BS EN 60598-2-22:2014 and BS EN 60598-1:2015.

GR range of emergency luminaires (continued)

Model	Rating	Duration	IP	Assembly type
GR-939/30L/ADR	220-240 V Class II 50/60 Hz	3 hours	IP65	Ceiling/Wall mounted. Emergency luminaire.
GR-939/30L	220-240 V Class II 50/60 Hz	3 hours	IP65	Ceiling/Wall mounted. Emergency luminaire.
GR-1939/30L/ADR	220-240 V Class II 50/60 Hz	3 hours	IP65	Ceiling/Wall mounted. Emergency luminaire.
GR-1939/30L	220-240 V Class II 50/60 Hz	3 hours	IP65	Ceiling/Wall mounted. Emergency luminaire.
GR-1939/15L/ADR	220-240 V Class II 50/60 Hz	3 hours	IP65	Ceiling/Wall mounted. Emergency luminaire.
GR-1939/15L	220-240 V Class II 50/60 Hz	3 hours	IP65	Ceiling/Wall mounted. Emergency luminaire.
GR-1938/30L/ADR	220-240 V Class II 50/60 Hz	1.5 hours	IP65	Ceiling/Wall mounted. Emergency luminaire.
GR-1938/30L	220-240 V Class II 50/60 Hz	1.5 hours	IP65	Ceiling/Wall mounted. Emergency luminaire. IP65
GR-1938/15L/ADR	220-240 V Class II 50/60 Hz	1.5 hours	IP65	Ceiling/Wall mounted. Emergency luminaire.
GR-1938/15L	220-240 V Class II 50/60 Hz	1.5 hours	IP65	Ceiling/Wall mounted. Emergency luminaire.
GR-1316/30L/ADR	220-240 V Class II 50/60 Hz	3 hours	IP40	Ceiling/Wall mounted. Emergency luminaire.

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No. KM 640081

Emergency Luminaires to BS EN 60598-2-22:2014 and BS EN 60598-1:2015.

GR range of emergency luminaires (continued)

GR-1316/30L	220-240 V Class II 50/60 Hz	3 hours	IP40	Ceiling/Wall mounted. Emergency luminaire.
GR-1316/15L/ADR	220-240 V Class II 50/60 Hz	3 hours	IP40	Ceiling/Wall mounted. Emergency luminaire.
GR-1316/15L	220-240 V Class II 50/60 Hz	3 hours	IP40	Ceiling/Wall mounted. Emergency luminaire.
GR-1315/30L/ADR	220-240 V Class II 50/60 Hz	1.5 hours	IP40	Ceiling/Wall mounted. Emergency luminaire.
GR-1315/30L	220-240 V Class II 50/60 Hz	1.5 hours	IP40	Ceiling/Wall mounted. Emergency luminaire.
GR-1315/15L/ADR	220-240 V Class II 50/60 Hz	1.5 hours	IP40	Ceiling/Wall mounted. Emergency luminaire.
GR-1315/15L	220-240 V Class II 50/60 Hz	1.5 hours	IP40	Ceiling/Wall mounted. Emergency luminaire.

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Kitemark™ Certificate

No. KM 640081

Emergency Luminaires to BS EN 60598-2-22:2014 and BS EN 60598-1:2015.

GR range of emergency luminaires for central battery system

BSI Test Report reference 8856142 Rev 2.

Model	Rating	IP	Assembly type
GR-281/24V/ADR	15-30 V DC Class III	IP40	Ceiling/Wall recess mounted emergency luminaire for central battery system.
GR-280/24V/ADR	15-30 V DC Class III	IP40	Ceiling/Wall recess mounted emergency luminaire for central battery system.
GR-281/24VDC	15-30 V DC Class III	IP40	Ceiling/Wall recess mounted emergency luminaire for central battery system.
GR-280/24VDC	15-30 V DC Class III	IP40	Ceiling/Wall recess mounted emergency luminaire for central battery system.
GR-281	90-250 VDC 120-250 VAC, 50-60Hz Class II	IP40	Ceiling/Wall recess mounted emergency luminaire for central battery system.
GR-280	90-250 VDC 120-250 VAC, 50-60Hz Class II	IP40	Ceiling/Wall recess mounted emergency luminaire for central battery system.

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Kitemark™ Certificate

No. KM 640081

Emergency Luminaires to BS EN 60598-2-22:2014 and BS EN 60598-1:2015.

GR range of emergency luminaires

Rated 220 – 240 V AC, 50/60 Hz, Class II, IP40

BSI Test Report reference 8408552-1 Rev 2.

Model	Mode	Duration	Assembly type
GR-290/ADR	Addressable, Self testing, non-maintained	1.5 hours	Ceiling/Wall recess mounted emergency luminaire.
GR-291/ADR	Addressable, Self testing, non-maintained	1.5 hours	Ceiling/Wall recess mounted emergency luminaire.
GR-292/ADR	Addressable, Self testing, non-maintained	3 hours	Ceiling/Wall recess mounted emergency luminaire.
GR-293/ADR	Addressable, Self testing, non-maintained	3 hours	Ceiling/Wall recess mounted emergency luminaire.
GR-290	Self testing, non-maintained	1.5 hours	Ceiling/Wall recess mounted emergency luminaire.
GR-291	Self testing, non-maintained	1.5 hours	Ceiling/Wall recess mounted emergency luminaire.
GR-292	Self testing, non-maintained	3 hours	Ceiling/Wall recess mounted emergency luminaire.
GR-293	Self testing, non-maintained	3 hours	Ceiling/Wall recess mounted emergency luminaire.

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Kitemark™ Certificate

No. KM 640081

BS EN IEC 60598-2-22:2022 used in conjunction with BS EN IEC 60598-1:2021

GRL range of emergency luminaires – Twinspots

Rated 220-240 V a.c, 50-60 Hz, Class II
BSI Test Report reference 3676076, 3873728 Rev 1

Note:
The GRL-37 and GRL-21 are of similar construction and form part of the same overall Twinspot product family "Power Light". The BS EN IEC 60598-2-22:2022 update test clauses were performed on a similar GRL-37 model on test report 3873728 Rev 1 which covers the below GRL-21 models.

Model	Rating	IP	Duration	Mode	Assembly type
GRL-21/H/90/WP	220-240 V a.c, 50-60 Hz	IP65	1.5 hours	Non maintained, self test	Surface mounted emergency luminaire
GRL-21/H/180/WP	220-240 V a.c, 50-60 Hz	IP65	3 hours	Non maintained, self test	Surface mounted emergency luminaire

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Kitemark™ Certificate

No. KM 640081

Emergency Luminaires to BS EN 60598-2-22:2014 and BS EN 60598-1:2015

GR range of emergency exit luminaires for central battery system

Rated: 85-250 VDC / 100-250V 50/60 Hz, Class II

BSI Test Report reference 8439708 Rev 1

Model	Power	IP	No. of LEDs	Assembly type	Dimensions (mm)
GR-1926/30L	2.8 W / 3.1 VA	IP53	30	Ceiling / wall mounted emergency exit sign	313x118x66
GR-1926/15L	1.5 W / 1.9 VA	IP53	15	Ceiling / wall mounted emergency exit sign	313x118x66
GR-1324/30L	2.8 W / 3.1 VA	IP40	30	Ceiling / wall mounted emergency exit sign	353x143x60
GR-1324/15L	1.5 W / 1.9 VA	IP40	15	Ceiling / wall mounted emergency exit sign	353x143x60
GR-324/15L/A	1.5 W / 1.9 VA	IP40	15	Ceiling / wall mounted emergency exit sign	353x143x57
GR-324/30L/A	2.8 W / 3.1 VA	IP40	30	Ceiling / wall mounted emergency exit sign	353x143x57

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No. KM 640081

Emergency Luminaires to BS EN 60598-2-22:2014 and BS EN 60598-1:2015

GR range of emergency exit luminaires for central battery system

Rated: 15-30 VDC, Class III

BSI Test Report reference 8607093 Rev 1

Model	Power (W)	IP	No. of LEDs	Assembly type	Dimensions (mm)
GR-324/15L/24VDC/A	1	40	15	Ceiling / Wall mounted	353 x 143 x 57
GR-324/30L/24VDC/A	2	40	30	Ceiling / Wall mounted	353 x 143 x 57
GR-324/15L/24V/ADR/A	1.5	40	15	Ceiling / Wall mounted	353 x 143 x 57
GR-324/30L/24V/ADR/A	2.3	40	30	Ceiling / Wall mounted	353 x 143 x 57
GR-1324/15L/24VDC	1	40	15	Ceiling / Wall mounted	353 x 143 x 57
GR-1324/30L/24VDC	2	40	30	Ceiling / Wall mounted	353 x 143 x 57
GR-1926/15L/24VDC	1	53	15	Ceiling / Wall mounted	313 x 118 x 66
GR-1926/30L/24VDC	2	53	30	Ceiling / Wall mounted	313 x 118 x 66
GR-1325/15L/24V/ADR	1.5	40	15	Ceiling / Wall mounted	353 x 143 x 57
GR-1325/30L/24V/ADR	2.3	40	30	Ceiling / Wall mounted	353 x 143 x 57
GR-1926/15L/24V/ADR	1.5	53	15	Ceiling / Wall mounted	313 x 118 x 66
GR-1926/30L/24V/ADR	2.3	53	30	Ceiling / Wall mounted	313 x 118 x 66

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Kitemark™ Certificate

No. KM 640081

Frontier luminaire variants

Emergency Luminaires to BS EN IEC 60598-2-22:2022 in conjunction with BS EN IEC 60598-1:2021

MLD range of emergency luminaires

Rated 220-240V AC/50-60Hz Class II IP40

BSI Test Report reference 8413436, 3676067 and 3873731 Rev 2

Model	Rating	IP	Duration	Mode	Assembly type
FRN MLD-28D/w	220-240 V a.c, 50-60 Hz	IP40	3 hours	Self contained	Ceiling/Wall/Suspension mounted. Exit sign.
FRN F2030CA = MLD-34D/w	220-240 V a.c, 50-60 Hz	IP40	3 hours	Self contained	Ceiling/Wall/Suspension mounted. Exit sign.
FRN MLD-44D/w	220-240 V a.c, 50-60 Hz	IP40	3 hours	Self contained	Ceiling/Wall/Suspension mounted. Exit sign.

GRL range of emergency luminaires – Twinspots

Rated 220-240 V a.c, 50-60 Hz, Class II

BSI Test Report reference 8859302 Rev 1, 3676071 and 3873728 Rev 1

Model	Rating	IP	Duration	Mode	Assembly type
FRN GRL-37/90	220-240 V a.c, 50-60 Hz	IP42	1.5 hours	Non maintained, self test	Surface mounted emergency luminaire
FRN GRL-37/180	220-240 V a.c, 50-60 Hz	IP42	3 hours	Non maintained, self test	Surface mounted emergency luminaire
FRN GRL-37/90/WP	220-240 V a.c, 50-60 Hz	IP65	1.5 hours	Non maintained, self test	Surface mounted emergency luminaire
FRN GRL-37/180/WP	220-240 V a.c, 50-60 Hz	IP65	3 hours	Non maintained, self test	Surface mounted emergency luminaire
FRN GRL-37/90/ADR	220-240 V a.c, 50-60 Hz	IP42	1.5 hours	Addressable, self testing, non maintained	Surface mounted emergency luminaire
FRN GRL- 37/180/ADR	220-240 V a.c, 50-60 Hz	IP42	3 hours	Addressable, self testing, non maintained	Surface mounted emergency luminaire
FRN GRL- 37/90/WP/ADR	220-240 V a.c, 50-60 Hz	IP65	1.5 hours	Addressable, self testing, non maintained	Surface mounted emergency luminaire
FRN GRL- 37/180/WP/ADR	220-240 V a.c, 50-60 Hz	IP65	3 hours	Addressable, self testing, non maintained	Surface mounted emergency luminaire

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Emergency Luminaires to BS EN IEC 60598-2-22:2022 in conjunction with BS EN IEC 60598-1:2021

GRL-29 range of emergency luminaires

Rated 220-240V AC/50-60Hz Class II IP42
BSI Test Report reference 3168381 Rev 1, 3676075 and 3873725 Rev2

Model	Rating	IP	Duration	Mode	Assembly type
FRN GRL-29	220-240 V AC/50-60 Hz	IP42	3 hours	Self-contained	Surface mounted emergency luminaire
FRN GRL-29/ADR	220-240 V AC/50-60 Hz	IP42	3 hours	Self-contained	Surface mounted emergency luminaire
FRN GRL-29/WP	220-240 V AC/50-60 Hz	IP65	3 hours	Self-contained	Surface mounted emergency luminaire
FRN GRL-29/WP/ADR	220-240 V AC/50-60 Hz	IP65	3 hours	Self-contained	Surface mounted emergency luminaire

ZLD range of emergency exit luminaires

Rated 220-240V AC/ 50-60Hz Class I IP40
BSI Test Report reference 3676069 Rev 1 and 3873732 Rev 2

Model	Rating	IP	Duration	Mode	Assembly type
FRN ZLD 28/EM/ADR	220-240 V AC/50-60 Hz	IP40	3 hours	Addressable self-testing maintained	Surface mounted emergency luminaire
FRN B5508U =	220-240 V AC/50-60 Hz	IP40	3 hours	Addressable self-testing maintained	Surface mounted emergency luminaire
FRN ZLD 28/EM	220-240 V AC/50-60 Hz	IP40	3 hours	Self-testing maintained	Surface mounted emergency luminaire
FRN B5108U = ZLD 34/EM	220-240 V AC/50-60 Hz	IP40	3 hours	Self-testing maintained	Surface mounted emergency luminaire

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Emergency Luminaires to BS EN IEC 60598-2-22:2022 in conjunction with BS EN IEC 60598-1:2021

ZLD range of central battery emergency luminaires

Rated 220-240V AC/50-60Hz Class III IP40

BSI Test Report reference 8439708 Rev 1, 3676073 and 3873723 Rev 2

Model	Rating	IP	Duration	Mode	Assembly type
FRN ZLD-34/24V/ADR/EM	15-30V DC	IP40	3 hours	Addressable , centrally supplied, maintained	Surface/hanging mounted emergency exit luminaire
FRN ZLD-28/24V/ADR/EM	15-30V DC	IP40	3 hours	Addressable , centrally supplied, maintained	Surface/hanging mounted emergency exit luminaire
FRN ZLD-34/CBS/24VDC/EM	15-30V DC	IP40	3 hours	Centrally supplied, maintained	Surface/hanging mounted emergency exit luminaire
FRN ZLD-28/CBS/24VDC/EM	15-30V DC	IP40	3 hours	Centrally supplied, maintained	Surface/hanging mounted emergency exit luminaire
FRN ZLD-34/CBS/EM	15-30V DC 100-250 VAC	IP40	3 hours	Centrally supplied, maintained	Surface/hanging mounted emergency exit luminaire
FRN ZLD-28/CBS/EM	15-30V DC 100-250 VAC	IP40	3 hours	Centrally supplied, maintained	Surface/hanging mounted emergency exit luminaire

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Emergency Luminaires to BS EN IEC 60598-2-22:2022 in conjunction with BS EN IEC 60598-1:2021

KLD and KLIN range of Emergency/Exit Luminaires

Rated: 220-240 V, 50/60 Hz, Class II

BSI Test Report Number 3118648 and 3873722 Rev 2

Model	Rating	Duration	IP	Assembly type
FRN KLD-30/ST	220-240 V AC/50-60 Hz	3 hours	IP54	Self-contained, recessed or surface ceiling/wall mounted emergency exit sign
FRN KLD-30/ST/ADR	220-240 V AC/50-60 Hz	3 hours	IP54	Self-contained, recessed or surface ceiling/wall mounted emergency exit sign
FRN KLD-22/ST	220-240 V AC/50-60 Hz	3 hours	IP54	Self-contained, recessed or surface ceiling/wall mounted emergency exit sign
FRN B2308U = KLD-22/ST/ADR	220-240 V AC/50-60 Hz	3 hours	IP54	Self-contained, recessed or surface ceiling/wall mounted emergency exit sign
FRN KLR-20/ST	220-240 V AC/50-60 Hz	3 hours	IP54	Self-contained, recessed or surface ceiling/wall mounted emergency exit sign
FRN KLR-20/ST/ADR	220-240 V AC/50-60 Hz	3 hours	IP54	Self-contained, recessed or surface ceiling/wall mounted emergency exit sign
FRN KLIN-20/ST/ADR	220-240 V AC/50-60 Hz	3 hours	IP54	Self-contained, recessed or surface ceiling/wall mounted emergency luminaire
FRN KLIN-20/ST	220-240 V AC/50-60 Hz	3 hours	IP54	Self-contained, recessed or surface ceiling/wall mounted emergency luminaire

Accessories for installation tested in this report:

Bracket code	Description	Supplied with luminaire?
N/A	Wall mounting	Yes
N/A	Ceiling mounting	Yes
A-2133	Wall mounting	No
A-2520/PL/ST	Recess mounting	No
A-2132	Ceiling mounting	No
A-2136	Hanging installation	No

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No. KM 640081

Emergency Luminaires to BS EN 60598-2-22:2014 and BS EN 60598-1:2015+A1:2018.

Skyline range of emergency exit luminaires

Rated: 220-240 V, 50/60 Hz, Class II, IP65

BSI Test Report reference 3225066-1 and 9787475

Model	Rating	Duration	IP	Assembly type
FRN SLL-501/WP	220-240 V Class II 50/60 Hz	1.5 hours	IP65	Surface mounted emergency exit luminaire
FRN SLL-503/WP	220-240 V Class II 50/60 Hz	3 hours	IP65	Surface mounted emergency exit luminaire
FRN SLL-501/WP/ADR	220-240 V Class II 50/60 Hz	1.5 hours	IP65	Surface mounted emergency exit luminaire
FRN SLL-503/WP/ADR	220-240 V Class II 50/60 Hz	3 hours	IP65	Surface mounted emergency exit luminaire
FRN SLL-503/LS	220-240 V Class II 50/60 Hz	3 hours	IP40	Surface mounted emergency exit luminaire
FRN SLL-503/LS/WP	220-240 V Class II 50/60 Hz	3 hours	IP65	Surface mounted emergency exit luminaire
FRN SLL-503	220-240 V Class II 50/60 Hz	3 hours	IP40	Surface mounted emergency exit luminaire
FRN SLL-503/ADR	220-240 V Class II 50/60 Hz	3 hours	IP40	Surface mounted emergency exit luminaire
FRN SLL-501	220-240 V Class II 50/60 Hz	1.5 hours	IP40	Surface mounted emergency exit luminaire
FRN SLL-501/ADR	220-240 V Class II 50/60 Hz	1.5 hours	IP40	Surface mounted emergency exit luminaire

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Emergency Luminaires to BS EN 60598-2-22:2014 and BS EN 60598-1:2015+A1:2018.

Skyline range of emergency exit luminaires

Model	Rating	Duration	IP	Assembly type
FRN SLL-1001/WP	220-240 V Class II 50/60 Hz	1.5 hours	IP65	Surface mounted emergency exit luminaire
FRN SLL-1003/WP	220-240 V Class II 50/60 Hz	3 hours	IP65	Surface mounted emergency exit luminaire
FRN SLL-1011/WP	220-240 V Class II 50/60 Hz	1.5 hours	IP65	Surface mounted emergency luminaire
FRN SLL-1013/WP	220-240 V Class II 50/60 Hz	3 hours	IP65	Surface mounted emergency luminaire
FRN SLL-1021/WP	220-240 V Class II 50/60 Hz	1.5 hours	IP65	Surface mounted emergency luminaire
FRN SLL-1023/WP	220-240 V Class II 50/60 Hz	3 hours	IP65	Surface mounted emergency luminaire
FRN SLL-501/WP/ADR	220-240 V Class II 50/60 Hz	1.5 hours	IP65	Surface mounted emergency luminaire
FRN SLL-503/WP/ADR	220-240 V Class II 50/60 Hz	3 hours	IP65	Surface mounted emergency luminaire
FRN SLL-1001/WP/ADR	220-240 V Class II 50/60 Hz	1.5 hours	IP65	Surface mounted emergency exit luminaire
FRN SLL-1003/WP/ADR	220-240 V Class II 50/60 Hz	3 hours	IP65	Surface mounted emergency exit luminaire
FRN SLL-1011/WP/ADR	220-240 V Class II 50/60 Hz	1.5 hours	IP65	Surface mounted emergency luminaire
FRN SLL-1013/WP/ADR	220-240 V Class II 50/60 Hz	3 hours	IP65	Surface mounted emergency luminaire

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Emergency Luminaires to BS EN 60598-2-22:2014 and BS EN 60598-1:2015+A1:2018.

Skyline range of emergency exit luminaires

Model	Rating	Duration	IP	Assembly type
FRN SLL-1021/WP/ADR	220-240 V Class II 50/60 Hz	1.5 hours	IP65	Surface mounted emergency luminaire
FRN SLL-1023/WP/ADR	220-240 V Class II 50/60 Hz	3 hours	IP65	Surface mounted emergency luminaire
FRN SLL-1001	220-240 V Class II 50/60 Hz	1.5 hours	IP40	Surface mounted emergency luminaire
FRN SLL-1001/ADR	220-240 V Class II 50/60 Hz	1.5 hours	IP40	Surface mounted emergency luminaire
FRN 2145 = SLL-1003	220-240 V Class II 50/60 Hz	3 hours	IP40	Surface mounted emergency luminaire
FRN Z2745U = SLL-1003/ADR	220-240 V Class II 50/60 Hz	3 hours	IP40	Surface mounted emergency luminaire
FRN SLL-1011	220-240 V Class II 50/60 Hz	1.5 hours	IP40	Surface mounted emergency luminaire
FRN SLL-1011/ADR	220-240 V Class II 50/60 Hz	1.5 hours	IP40	Surface mounted emergency luminaire
FRN SLL-1013	220-240 V Class II 50/60 Hz	3 hours	IP40	Surface mounted emergency luminaire
FRN SLL-1013/ADR	220-240 V Class II 50/60 Hz	3 hours	IP40	Surface mounted emergency luminaire
FRN SLL-1021	220-240 V Class II 50/60 Hz	1.5 hours	IP40	Surface mounted emergency luminaire
FRN SLL-1021/ADR	220-240 V Class II 50/60 Hz	1.5 hours	IP40	Surface mounted emergency luminaire

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Kitemark™ Certificate

No. KM 640081

Emergency Luminaires to BS EN 60598-2-22:2014 and BS EN 60598-1:2015+A1:2018.

Skyline range of emergency exit luminaires

Model	Rating	Duration	IP	Assembly type
FRN SLL-1023	220-240 V Class II 50/60 Hz	3 hours	IP40	Surface mounted emergency luminaire
FRN SLL-1023/ADR	220-240 V Class II 50/60 Hz	3 hours	IP40	Surface mounted emergency luminaire

Emergency Luminaires to BS EN 60598-2-22:2014 and BS EN 60598-1:2015

GR range of emergency exit luminaires

Rated: 220-240 V, 50/60 Hz, Class II, IP65

BSI Test Report reference 9685738 Rev 1

Model	Rating	Duration	IP	Assembly type
FRN GR-939/30L/ADR/DSD	220-240 V Class II 50/60 Hz	3 hours	IP65	Ceiling/wall mounted emergency exit luminaire
FRN GR-939/15L/ADR/DSD	220-240 V Class II 50/60 Hz	3 hours	IP65	Ceiling/wall mounted emergency exit luminaire
FRN GR-939/30L/DSD	220-240 V Class II 50/60 Hz	3 hours	IP65	Ceiling/wall mounted emergency exit luminaire
FRN GR-939/15L/DSD	220-240 V Class II 50/60 Hz	3 hours	IP65	Ceiling/wall mounted emergency exit luminaire

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Kitemark™ Certificate

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Emergency Luminaires to BS EN 60598-2-22:2014 and BS EN 60598-1:2015+A1:2018

GR range of emergency exit luminaires

Rated: 220-240 V, 50/60 Hz, Class II, IP40/IP65/IP20

BSI Test Report reference 3053920 Rev 2

Model	Rating	Duration	IP	Assembly type
FRN GR-290/M	220-240 V Class II 50/60 Hz	1.5 hours	IP40	Ceiling/wall mounted emergency luminaire
FRN GR-290/M/ADR	220-240 V Class II 50/60 Hz	1.5 hours	IP40	Ceiling/wall mounted emergency luminaire
FRN GR-291/M	220-240 V Class II 50/60 Hz	1.5 hours	IP40	Ceiling/wall mounted emergency luminaire
FRN GR-291/M/ADR	220-240 V Class II 50/60 Hz	1.5 hours	IP40	Ceiling/wall mounted emergency luminaire
FRN Z1101U = GR-292/M	220-240 V Class II 50/60 Hz	3 hours	IP40	Ceiling/wall mounted emergency luminaire
FRN GR-292/M/ADR	220-240 V Class II 50/60 Hz	3 hours	IP40	Ceiling/wall mounted emergency luminaire
FRN GR-293/M	220-240 V Class II 50/60 Hz	3 hours	IP40	Ceiling/wall mounted emergency luminaire
FRN Z1805U = GR-293/M/ADR	220-240 V Class II 50/60 Hz	3 hours	IP40	Ceiling/wall mounted emergency luminaire
FRN GR-290/WP/M	220-240 V Class II 50/60 Hz	1.5 hours	IP65	Ceiling/wall mounted emergency luminaire
FRN GR-290/WP/M/ADR	220-240 V Class II 50/60 Hz	1.5 hours	IP65	Ceiling/wall mounted emergency luminaire

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Emergency Luminaires to BS EN 60598-2-22:2014 and BS EN 60598-1:2015+A1:2018

GR range of emergency exit luminaires

FRN GR-291/WP/M	220-240 V Class II 50/60 Hz	1.5 hours	IP65	Ceiling/wall mounted emergency luminaire
FRN GR-291/WP/M/ADR	220-240 V Class II 50/60 Hz	1.5 hours	IP65	Ceiling/wall mounted emergency luminaire
FRN GR-292/WP/M	220-240 V Class II 50/60 Hz	3 hours	IP65	Ceiling/wall mounted emergency luminaire
FRN GR-292/WP/M/ADR	220-240 V Class II 50/60 Hz	3 hours	IP65	Ceiling/wall mounted emergency luminaire
FRN GR-293/WP/M	220-240 V Class II 50/60 Hz	3 hours	IP65	Ceiling/wall mounted emergency luminaire
FRN GR-293/WP/M/ADR	220-240 V Class II 50/60 Hz	3 hours	IP65	Ceiling/wall mounted emergency luminaire
FRN GR-292/M/HL	220-240 V Class II 50/60 Hz	3 hours	IP20	Ceiling/wall mounted/recessed emergency luminaire
FRN GR-292/M/HL/ADR	220-240 V Class II 50/60 Hz	3 hours	IP20	Ceiling/wall mounted/recessed emergency luminaire
FRN GR-293/M/HL	220-240 V Class II 50/60 Hz	3 hours	IP20	Ceiling/wall mounted/recessed emergency luminaire
FRN GR-293/M/HL/ADR	220-240 V Class II 50/60 Hz	3 hours	IP20	Ceiling/wall mounted/recessed emergency luminaire

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Kitemark™ Certificate

No. KM 640081

Emergency Luminaires to BS EN 60598-2-22:2014 and BS EN 60598-1:2015.

GR range of emergency luminaires

Rated 220-240V AC/50-60Hz Class II

BSI Test Report reference 8408551.

Model	Rating	Duration	IP	Assembly type
FRN GR-310/30L/A	220-240 V Class II 50/60 Hz	1.5 hours	IP40	Ceiling/Wall/Suspension mounted. Emergency/exit luminaire.
FRN GR-312/30L/A	220-240 V Class II 50/60 Hz	3 hours	IP40	Ceiling/Wall/Suspension mounted. Emergency/exit luminaire.
FRN GR-310/15L/A	220-240 V Class II 50/60 Hz	1.5 hours	IP40	Ceiling/Wall/Suspension mounted. Emergency/exit luminaire.
FRN GR-312/15L/A	220-240 V Class II 50/60 Hz	3 hours	IP40	Ceiling/Wall/Suspension mounted. Emergency/exit luminaire.
FRN GR-312/LS/A	220-240 V Class II 50/60 Hz	3 hours	IP40	Ceiling/Wall/Suspension mounted. Emergency/exit luminaire.
FRN GR-1936/30L	220-240 V Class II 50/60 Hz	3 hours	IP65	Ceiling/Wall mounted. Emergency luminaire.
FRN GR-1936/15L	220-240 V Class II 50/60 Hz	3 hours	IP65	Ceiling/Wall mounted. Emergency luminaire.
FRN GR-1935/30L	220-240 V Class II 50/60 Hz	1.5 hours	IP65	Ceiling/Wall mounted. Emergency luminaire.
FRN GR-1935/15L	220-240 V Class II 50/60 Hz	1.5 hours	IP65	Ceiling/Wall mounted. Emergency luminaire.
FRN GR-1310/30L	220-240 V Class II 50/60 Hz	1.5 hours	IP40	Ceiling/Wall/Suspension mounted. Emergency/exit luminaire.
FRN GR-1310/15L	220-240 V Class II 50/60 Hz	1.5 hours	IP40	Ceiling/Wall/Suspension mounted. Emergency/exit luminaire.

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Kitemark™ Certificate

No. KM 640081

Emergency Luminaires to BS EN 60598-2-22:2014 and BS EN 60598-1:2015.

GR range of emergency luminaires

Rated 220-240V AC/50-60Hz Class II

BSI Test Report reference 8408551.

FRN GR-1312/30L	220-240 V Class II 50/60 Hz	3 hours	IP40	Ceiling/Wall/Suspension mounted. Emergency/exit luminaire.
FRN GR-1312/15L	220-240 V Class II 50/60 Hz	3 hours	IP40	Ceiling/Wall/Suspension mounted. Emergency/exit luminaire.

Emergency Luminaires to BS EN 60598-2-22:2014 and BS EN 60598-1:2015.

GR range of emergency luminaires

Rated 220-240V AC/50-60Hz Class II

BSI Test Report reference 8408547

Model	Rating	Duration	IP	Assembly type
FRN GR-315/15L/ADR/A	220-240 V Class II 50/60 Hz	1.5 hours	IP40	Ceiling/Wall/Suspension mounted. Emergency/exit luminaire.
FRN GR-315/15L/A	220-240 V Class II 50/60 Hz	1.5 hours	IP40	Ceiling/Wall/Suspension mounted. Emergency/exit luminaire.
FRN GR-316/15L/ADR/A	220-240 V Class II 50/60 Hz	3 hours	IP40	Ceiling/Wall/Suspension mounted. Emergency/exit luminaire.
FRN GR-316/15L/A	220-240 V Class II 50/60 Hz	3 hours	IP40	Ceiling/Wall/Suspension mounted. Emergency/exit luminaire.
FRN GR-315/30L/ADR/A	220-240 V Class II 50/60 Hz	1.5 hours	IP40	Ceiling/Wall/Suspension mounted. Emergency/exit luminaire.

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Emergency Luminaires to BS EN 60598-2-22:2014 and BS EN 60598-1:2015.

GR range of emergency luminaires (continued)

FRN GR-315/30L/A	220-240 V Class II 50/60 Hz	1.5 hours	IP40	Ceiling/Wall/Suspension mounted. Emergency/exit luminaire.
FRN GR-316/30L/ADR/A	220-240 V Class II 50/60 Hz	3 hours	IP40	Ceiling/Wall/Suspension mounted. Emergency/exit luminaire.
FRN GR-316/30L/A	220-240 V Class II 50/60 Hz	3 hours	IP40	Ceiling/Wall/Suspension mounted. Emergency/exit luminaire.
FRN GR-938/15L/ADR	220-240 V Class II 50/60 Hz	1.5 hours	IP65	Ceiling/Wall mounted. Emergency luminaire.
FRN GR-938/15L	220-240 V Class II 50/60 Hz	1.5 hours	IP65	Ceiling/Wall mounted. Emergency luminaire.
FRN GR-938/30L/ADR	220-240 V Class II 50/60 Hz	1.5 hours	IP65	Ceiling/Wall mounted. Emergency luminaire.
FRN GR-938/30L	220-240 V Class II 50/60 Hz	1.5 hours	IP65	Ceiling/Wall mounted. Emergency luminaire.
FRN GR-939/15L/ADR	220-240 V Class II 50/60 Hz	3 hours	IP65	Ceiling/Wall mounted. Emergency luminaire.
FRN GR-939/15L	220-240 V Class II 50/60 Hz	3 hours	IP65	Ceiling/Wall mounted. Emergency luminaire.

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Emergency Luminaires to BS EN 60598-2-22:2014 and BS EN 60598-1:2015.

GR range of emergency luminaires (continued)

Model	Rating	Duration	IP	Assembly type
FRN GR-939/30L/ADR	220-240 V Class II 50/60 Hz	3 hours	IP65	Ceiling/Wall mounted. Emergency luminaire.
FRN GR-939/30L	220-240 V Class II 50/60 Hz	3 hours	IP65	Ceiling/Wall mounted. Emergency luminaire.
FRN GR-1939/30L/ADR	220-240 V Class II 50/60 Hz	3 hours	IP65	Ceiling/Wall mounted. Emergency luminaire.
FRN GR-1939/30L	220-240 V Class II 50/60 Hz	3 hours	IP65	Ceiling/Wall mounted. Emergency luminaire.
FRN GR-1939/15L/ADR	220-240 V Class II 50/60 Hz	3 hours	IP65	Ceiling/Wall mounted. Emergency luminaire.
FRN GR-1939/15L	220-240 V Class II 50/60 Hz	3 hours	IP65	Ceiling/Wall mounted. Emergency luminaire.
FRN GR-1938/30L/ADR	220-240 V Class II 50/60 Hz	1.5 hours	IP65	Ceiling/Wall mounted. Emergency luminaire.
FRN GR-1938/30L	220-240 V Class II 50/60 Hz	1.5 hours	IP65	Ceiling/Wall mounted. Emergency luminaire. IP65
FRN GR-1938/15L/ADR	220-240 V Class II 50/60 Hz	1.5 hours	IP65	Ceiling/Wall mounted. Emergency luminaire.
FRN GR-1938/15L	220-240 V Class II 50/60 Hz	1.5 hours	IP65	Ceiling/Wall mounted. Emergency luminaire.
FRN GR-1316/30L/ADR	220-240 V Class II 50/60 Hz	3 hours	IP40	Ceiling/Wall mounted. Emergency luminaire.

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Emergency Luminaires to BS EN 60598-2-22:2014 and BS EN 60598-1:2015.

GR range of emergency luminaires (continued)

FRN GR-1316/30L	220-240 V Class II 50/60 Hz	3 hours	IP40	Ceiling/Wall mounted. Emergency luminaire.
FRN GR-1316/15L/ADR	220-240 V Class II 50/60 Hz	3 hours	IP40	Ceiling/Wall mounted. Emergency luminaire.
FRN GR-1316/15L	220-240 V Class II 50/60 Hz	3 hours	IP40	Ceiling/Wall mounted. Emergency luminaire.
FRN GR-1315/30L/ADR	220-240 V Class II 50/60 Hz	1.5 hours	IP40	Ceiling/Wall mounted. Emergency luminaire.
FRN GR-1315/30L	220-240 V Class II 50/60 Hz	1.5 hours	IP40	Ceiling/Wall mounted. Emergency luminaire.
FRN GR-1315/15L/ADR	220-240 V Class II 50/60 Hz	1.5 hours	IP40	Ceiling/Wall mounted. Emergency luminaire.
FRN GR-1315/15L	220-240 V Class II 50/60 Hz	1.5 hours	IP40	Ceiling/Wall mounted. Emergency luminaire.

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No. KM 640081

Emergency Luminaires to BS EN 60598-2-22:2014 and BS EN 60598-1:2015.

GR range of emergency luminaires for central battery system

BSI Test Report reference 8856142 Rev 2.

Model	Rating	IP	Assembly type
FRN GR-281/24V/ADR	15-30 V DC Class III	IP40	Ceiling/Wall recess mounted emergency luminaire for central battery system.
FRN GR-280/24V/ADR	15-30 V DC Class III	IP40	Ceiling/Wall recess mounted emergency luminaire for central battery system.
FRN GR-281/24VDC	15-30 V DC Class III	IP40	Ceiling/Wall recess mounted emergency luminaire for central battery system.
FRN GR-280/24VDC	15-30 V DC Class III	IP40	Ceiling/Wall recess mounted emergency luminaire for central battery system.
FRN GR-281	90-250 VDC 120-250 VAC, 50- 60Hz Class II	IP40	Ceiling/Wall recess mounted emergency luminaire for central battery system.
FRN GR-280	90-250 VDC 120-250 VAC, 50- 60Hz Class II	IP40	Ceiling/Wall recess mounted emergency luminaire for central battery system.

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Kitemark™ Certificate

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Emergency Luminaires to BS EN 60598-2-22:2014 and BS EN 60598-1:2015.

GR range of emergency luminaires

Rated 220 – 240 V AC, 50/60 Hz, Class II, IP40

BSI Test Report reference 8408552-1 Rev 2.

Model	Mode	Duration	Assembly type
FRN GR-290/ADR	Addressable, Self testing, non-maintained	1.5 hours	Ceiling/Wall recess mounted emergency luminaire.
FRN GR-291/ADR	Addressable, Self testing, non-maintained	1.5 hours	Ceiling/Wall recess mounted emergency luminaire.
FRN GR-292/ADR	Addressable, Self testing, non-maintained	3 hours	Ceiling/Wall recess mounted emergency luminaire.
FRN GR-293/ADR	Addressable, Self testing, non-maintained	3 hours	Ceiling/Wall recess mounted emergency luminaire.
FRN GR-290	Self testing, non-maintained	1.5 hours	Ceiling/Wall recess mounted emergency luminaire.
FRN GR-291	Self testing, non-maintained	1.5 hours	Ceiling/Wall recess mounted emergency luminaire.
FRN GR-292	Self testing, non-maintained	3 hours	Ceiling/Wall recess mounted emergency luminaire.
FRN GR-293	Self testing, non-maintained	3 hours	Ceiling/Wall recess mounted emergency luminaire.

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Kitemark™ Certificate

No. KM 640081

BS EN IEC 60598-2-22:2022 used in conjunction with BS EN IEC 60598-1:2021

GRL range of emergency luminaires – Twinspots

Rated 220-240 V a.c, 50-60 Hz, Class II
BSI Test Report reference 3676076, 3873728 Rev 1

Note:
The GRL-37 and GRL-21 are of similar construction and form part of the same overall Twinspot product family "Power Light". The BS EN IEC 60598-2-22:2022 update test clauses were performed on a similar GRL-37 model on test report 3873728 Rev 1 which covers the below GRL-21 models.

Model	Rating	IP	Duration	Mode	Assembly type
FRN GRL-21/H/90/WP	220-240 V a.c, 50-60 Hz	IP65	1.5 hours	Non maintained, self test	Surface mounted emergency luminaire
FRN GRL-21/H/180/WP	220-240 V a.c, 50-60 Hz	IP65	3 hours	Non maintained, self test	Surface mounted emergency luminaire

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Kitemark™ Certificate

No. KM 640081

Emergency Luminaires to BS EN 60598-2-22:2014 and BS EN 60598-1:2015

GR range of emergency exit luminaires for central battery system

Rated: 85-250 VDC / 100-250V 50/60 Hz, Class II

BSI Test Report reference 8439708 Rev 1

Model	Power	IP	No. of LEDs	Assembly type	Dimensions (mm)
FRN GR-1926/30L	2.8 W / 3.1 VA	IP53	30	Ceiling / wall mounted emergency exit sign	313x118x66
FRN GR-1926/15L	1.5 W / 1.9 VA	IP53	15	Ceiling / wall mounted emergency exit sign	313x118x66
FRN GR-1324/30L	2.8 W / 3.1 VA	IP40	30	Ceiling / wall mounted emergency exit sign	353x143x60
FRN GR-1324/15L	1.5 W / 1.9 VA	IP40	15	Ceiling / wall mounted emergency exit sign	353x143x60
FRN GR-324/15L/A	1.5 W / 1.9 VA	IP40	15	Ceiling / wall mounted emergency exit sign	353x143x57
FRN GR-324/30L/A	2.8 W / 3.1 VA	IP40	30	Ceiling / wall mounted emergency exit sign	353x143x57

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Emergency Luminaires to BS EN 60598-2-22:2014 and BS EN 60598-1:2015

GR range of emergency exit luminaires for central battery system

Rated: 15-30 VDC, Class III

BSI Test Report reference 8607093 Rev 1

Model	Power (W)	IP	No. of LEDs	Assembly type	Dimensions (mm)
FRN GR-324/15L/24VDC/A	1	40	15	Ceiling / Wall mounted	353 x 143 x 57
FRN GR-324/30L/24VDC/A	2	40	30	Ceiling / Wall mounted	353 x 143 x 57
FRN GR-324/15L/24V/ADR/A	1.5	40	15	Ceiling / Wall mounted	353 x 143 x 57
FRN GR-324/30L/24V/ADR/A	2.3	40	30	Ceiling / Wall mounted	353 x 143 x 57
FRN GR-1324/15L/24VDC	1	40	15	Ceiling / Wall mounted	353 x 143 x 57
FRN GR-1324/30L/24VDC	2	40	30	Ceiling / Wall mounted	353 x 143 x 57
FRN GR-1926/15L/24VDC	1	53	15	Ceiling / Wall mounted	313 x 118 x 66
FRN GR-1926/30L/24VDC	2	53	30	Ceiling / Wall mounted	313 x 118 x 66
FRN GR-1325/15L/24V/ADR	1.5	40	15	Ceiling / Wall mounted	353 x 143 x 57
FRN GR-1325/30L/24V/ADR	2.3	40	30	Ceiling / Wall mounted	353 x 143 x 57
FRN GR-1926/15L/24V/ADR	1.5	53	15	Ceiling / Wall mounted	313 x 118 x 66
FRN GR-1926/30L/24V/ADR	2.3	53	30	Ceiling / Wall mounted	313 x 118 x 66

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