

Certificate of Product Approval

Certificate Number: 568j-(cl-2)

Issue: 03

LAMBENT GLOBAL TRADING

Office # 2911
Churchill Executive Tower
Business Bay
Burj Khalifa Area
Dubai
United Arab Emirates



is authorised to use the LPCB mark in association with the product(s) listed in this certificate and appendix having complied with the requirements of the standard(s) detailed below:

Product(s)

Cable Types as listed below:
Lambent-FireResist3 Enhanced

Standard(s) (see Appendix for details)

BS 7629-1:2015
EN 50200:2006 (Class PH120)
BS 8434-2:2003+A2:2009 (120 mins)
EN 60332-1-2:2004
EN 61034-2:2005+A1:2013
EN 60754-1:2014
BS 5839-1:2013 (Clause 26.2e Enhanced)

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

Signed for BRE Global Ltd.

Karen Coull
Certification Scheme Manager

4 March 2019
Date of Issue

2 August 2018
Date of First issue



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Appendix to Certificate No: 568j-(cl-2) LAMBENT GLOBAL TRADING

Issue: 03

Product name								LPCB Ref. No.
Lambent-FireResist3 Enhanced								568j/01
Nominal csa of conductor (mm ²)	Core Construction	BS 7629-1	EN 61034-2	EN 50200	EN 50200 Annex E	BS 8434-2	EN 60754-1	BS 5839-1 (Clause 26.2e)
1.0 ^(1,2)	2	Enhanced 120 ⁽³⁾	>80%	PH 120	30 min ⁽⁴⁾	120 min ⁽⁵⁾	<0.5%	Enhanced
1.5 ^(1,2)	2, 3 & 4	Enhanced 120 ⁽³⁾	>80%	PH 120	30 min ⁽⁴⁾	120 min ⁽⁵⁾	<0.5%	Enhanced
2.5 ^(1,2)	2, 3 & 4	Enhanced 120 ⁽³⁾	>80%	PH 120	30 min ⁽⁴⁾	120 min ⁽⁵⁾	<0.5%	Enhanced
4.0 ⁽²⁾	2, 3 & 4	Enhanced 120 ⁽³⁾	>80%	PH 120	30 min ⁽⁴⁾	120 min ⁽⁵⁾	<0.5%	Enhanced

Uo/U 300/500V

Notes:

1. Solid conductors only.
2. Stranded conductor only.
3. In meeting the requirements of BS 7629-1:2015, the Lambent-FireResist3 Enhanced cables listed met the requirements for smoke density of EN 61034-2: 2005+A:2013 and achieved less than 0.5% HCI for the outer covering, binding tape & insulation when tested in accordance with EN 60754-1:2014.
4. The duration of 30 mins when tested in accordance with EN 50200: 2015 Annex E is achieved by 15 min for the fire and mechanical shock phase and an additional 15 min for the fire, mechanical shock and water phase.
5. The duration of 120 min when tested in accordance with BS 8434-2:2003+A2:2009 is achieved by 60 min for the fire and mechanical shock phase and an additional 60 min for the fire, mechanical shock and water phase.
6. The Lambent-FireResist3 Enhanced cables listed conform to BS 7629-1:2015, met Class PH 120 when tested in accordance with EN 50200:2015 and met a duration of 120min duration when tested in accordance with BS 8434-2:2003+A2:2009 and hence met the requirements for an enhanced fire resistance cable as described in Clause 26.2e of BS 5839-1:2013.

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