

UK Type Examination Certificate CML 21UKEX4106 Issue 1**United Kingdom Conformity Assessment**

- 1 Product or Protective System Intended for use in Potentially Explosive Atmospheres UKSI 2016:1107 (as amended) – Schedule 3A, Part 1
- 2 Equipment **Spartan SPZ Floodlight/Bulkhead Luminaire**
- 3 Manufacturer **Raytec Ltd**
- 4 Address **Unit 15 Wansbeck Business Park,
Rotary Parkway,
Ashington, Northumberland,
NE63 8QW, United Kingdom**
- 5 The equipment is specified in the description of this certificate and the documents to which it refers.
- 6 Eurofins E&E CML Limited, Newport Business Park, New Port Road, Ellesmere Port, CH65 4LZ, United Kingdom, Approved Body Number 2503, in accordance with Regulation 43 of the Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres Regulations 2016, UKSI 2016:1107 (as amended), certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment intended for use in potentially explosive atmospheres given in Schedule 1 of the Regulations.
The examination and test results are recorded in the confidential reports listed in Section 12.
- 7 If an 'X' suffix appears after the certificate number, it indicates that the equipment is subject to specific conditions of use (affecting correct installation or safe use). These are specified in Section 14.
- 8 This UK Type Examination certificate relates only to the design and construction of the specified equipment. Further requirements of the Regulations apply to the manufacturing process and supply of the product. These are not covered by this certificate.
- 9 Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the confidential report, has been demonstrated through compliance with the following documents:
EN IEC 60079-0:2018 EN 60079-1:2014 EN IEC 60079-7:2015+A1:2018
EN 60079-18:2015+A1:2017 EN 60079-31:2014
- 10 The equipment shall be marked with the following:



Refer to attached certificate CML 17ATEX4231, Issue 3 for specific marking of explosion protection symbols.

Refer to attached certificate CML 17ATEX4231, Issue 3 for marked code and ambient temperature range.





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11 Description

For product description refer to attached certificate CML 17ATEX4231, Issue 3.

Variation 1

This variation introduces the following modifications:

- i. To assess the Universal Power Supply.
- ii. To assess the High Output variant of the Spartan LED Linear Luminaires
- iii. To update and review the equipment against the latest standards: EN IEC 60079-0:2018/ IEC 60079-0:2017 Ed. 7 and EN IEC 60079-7:2015+A1:2018/ IEC60079-7:2017 Ed. 5.1
- iv. To correct UKEX standard references
- v. To correct UKEX Conditions of Manufacturer

12 Certificate history and evaluation reports

Issue	Date	Associated report	Notes
0	26 Mar 2021	R13817A/00	Issue of prime certification
1	02 Sep 2022	R15050A/00	Introduction of variation 1.

Note: Drawings that describe the equipment are listed or referred to in the Annex.

13 Conditions of Manufacture

For conditions of manufacture, refer to attached certificate CML 17ATEX4231, Issue 3

Any routine tests/verifications required by the ATEX certification shall be conducted.

14 Specific Conditions of Use

For specific conditions of use, refer to attached certificate CML 17ATEX4231, Issue 3.

Certificate Annex

Certificate Number CML 17ATEX4231
Equipment Spartan SPZ Floodlight/Bulkhead Luminaire
Manufacturer Raytec Ltd



The following documents describe the equipment defined in this certificate:

Issue 0

Drawing No	Sheets	Rev	Approved date	Title
1180-SD-0001	1 of 4	C	26 Mar 2021	SPARTAN LED ZONE 2 FLOODLIGHT
1180-SD-0001	2 of 4	B	26 Mar 2021	SPARTAN LED ZONE 2 FLOODLIGHT
1180-SD-0002	1 of 3	C	26 Mar 2021	SPARTAN BULKHEAD – ZONE 2
1080-SD-0002	2 of 3	B	26 Mar 2021	SPARTAN BULKHEAD – ZONE 2

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Drawing No.	Sheets	Rev	Approved date	Title
910-SD-00061	1 of 1	A	24 Aug 2022	ALTERNATIVE UNIVERSAL OUTPUT POWER SUPPLY FOR FL AND BL PRODUCT RANGES
1180-SD-0001	2 of 4	C	24 Aug 2022	SPARTAN LED ZONE 2 FLOODLIGHT Ex nA
1080-SD-0002	2 of 3	C	24 Aug 2022	SPARTAN BULKHEAD – ZONE 2