DOWNLOADED FROM WWW.SCATTS.CO.UK

Translation

1 EU-Type Examination Certificate Supplement 1

2 **Equipment intended for use in potentially explosive atmospheres Directive 2014/34/EU**

3 EU-Type Examination Certificate Number: **BVS 17 ATEX E 013 X**

4 Product: **Floodlight type PXLED* or PXLED-P***

5 Manufacturer: **Cooper Crouse-Hinds GmbH**

6 Address: **Neuer Weg Nord 49, 69412 Eberbach, Germany**

7 This supplementary certificate extends EU-Type Examination Certificate No. BVS 17 ATEX E 013 X to apply to products designed and constructed in accordance with the specification set out in the appendix of the said certificate but having any acceptable variations specified in the appendix to this certificate and the documents referred to therein.

8 DEKRA Testing and Certification GmbH, Notified Body number 0158, in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.
The examination and test results are recorded in the confidential Report No. BVS PP 17.2029 EU.

9 The Essential Health and Safety Requirements are assured in consideration of:

EN IEC 60079-0:2018	**General requirements**
EN 60079-1:2014	**Flameproof enclosure "d"**
EN 60079-5:2015	**Powder filling "q"**
EN IEC 60079-7:2015 + A1:2018	**Increased Safety "e"**
EN 60079-28:2015	**Optical radiation "op is/pr/sh"**
EN 60079-31:2014	**Protection by Enclosure "t"**

Except in respect of those requirements listed under item 18 of the appendix.

10 If the sign "X" is placed after the certificate number, it indicates that the product is subject to the Special Conditions for Use specified in the appendix to this certificate.

11 This EU-Type Examination Certificate relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

12 The marking of the product shall include the following:

II 2G Ex db eb op is q IIC T4 Gb
II 2D Ex tb op is IIIC T100°C Db

DEKRA Testing and Certification GmbH
Bochum, 2019-07-19

Signed: Jörg-Timm Kilisch

Managing Director

This certificate may only be reproduced in its entirety and without any change.

DEKRA Testing and Certification GmbH, Handwerkstr. 15, 70565 Stuttgart, Germany
Certification body: Dinnendahlstr. 9, 44809 Bochum, Germany
Phone +49.234.3696-400, Fax +49.234.3696-401, e-mail DTC-Certification-body@dekra.com

DOWNLOADED FROM WWW.SCATTS.CO.UK

DOWNLOADED FROM WWW.SCATTS.CO.UK

13 **Appendix**

14 **EU-Type Examination Certificate**

BVS 17 ATEX E 013 X
Supplement 1

15 **Product description**

15.1 **Subject and type**

Floodlight type aaaaaaabbbcdddeeffgggghh

aaaaaaa	PXLED PXLED-P	portable version (only 5L)
bbb	Lighting current	5 L = 5.000 lm 10 L = 10.000 lm 15 L = 15.000 lm 20 L = 20.000 lm 25 L = 25.000 lm 30 L = 30.000 lm
c	Light distribution	W = wide radiant N = narrow radiant C = asymmetric 1 D = asymmetric 2
ddd	Color rendering index (CRI) / correlated color temperature (CCT):	1. digit = CRI 2.+3. digit = CCT
eee	front glass	GC = clear glass GF = glass with inner frosted foil GY = glass with inner Lee foil FC = laminated clear polyester foil at the outside FF = laminated frosted polyester foil at the outside
ff	type of terminal	
ggg	cable entry	
hh	variant of voltage	LV =Low Voltage – = Standard

15.2 **Description**

The Floodlight type PXLED consists of a LED basic module in type of protection Flameproof Enclosure „db" and a terminal box in type of protection Increased Safety „eb".
The terminal box is equipped with separately certified terminals and a separately certified cable entry in type of protection Increased Safety.
Additionally the driver unit type qTEK ***-* is situated in the terminal box. This is separately certified in type of protection Powder Filling „q" (BVS 17 ATEX E 015 U).
The connection to the flameproof enclosure is realized by a separately certified feedthrough in type of protection Flameproof Enclosure „db".

Reasons for the supplement:

- updating to the current EN IEC 60079-0:2018
- additional variant type PXLED-P* (portable)
- additional low voltage variant
- mechanical modifications (additional cooling ribs, modified glass holder)
- use of outer foils as as splinter protection or inner foils for various light effects)
- use of alternative lenses

This certificate may only be reproduced in its entirety and without any change.

DAkkS Deutsche Akkreditierungsstelle D-ZE-17438-02-00

DEKRA Testing and Certification GmbH, Handwerkstr. 15, 70565 Stuttgart, Germany
Certification body: Dinnendahlstr. 9, 44809 Bochum, Germany
Phone +49.234.3696-400, Fax +49.234.3696-401, e-mail DTC-Certification-body@dekra.com

DOWNLOADED FROM WWW.SCATTS.CO.UK

DOWNLOADED FROM WWW.SCATTS.CO.UK

15.3 **Parameters**

15.3.1 Electrical data

15.3.1.1 Type PXLED*
Rated voltage (output driver unit type qTEK *50-*)

AC 110 V...277 V, 50 / 60 Hz or

15.3.1.2 Type PXLED* LV-variant
Rated voltage (output driver unit type qTEK *50-*)

AC 24 V...48 V, 50 / 60 Hz or
DC 24 V...48 V
DC 127 V...270 V

15.3.2 Thermal data

Permitted ambient temperature range	
Standard	-50 °C...+55 °C
portable variant	-40 °C...+55 °C
Temperature class	T4
Max. surface temperature T	100 °C

16 **Report Number**

BVS PP 17.2029 EU, as of 2019-07-19

17 **Special Conditions for Use**

17.1 The floodlight shall not be switched on at an ambient temperature below -40 °C.

17.2 The floodlight has to be protected against electrostatic discharges.

18 **Essential Health and Safety Requirements**

The Essential Health and Safety Requirements are covered by the standards listed under item 9.

For this product the standard EN IEC 60079-0:2018 is equivalent to the harmonized standard EN 60079-0:2012 + A11:2013 in terms of safety.

19 **Drawings and Documents**

Drawings and documents are listed in the confidential report.

We confirm the correctness of the translation from the German original.
In the case of arbitration only the German wording shall be valid and binding.

DEKRA Testing and Certification GmbH
Bochum, 2019-07-19
BVS-Hk/Ar A20180059

Managing Director

This certificate may only be reproduced in its entirety and without any change.

DEKRA Testing and Certification GmbH, Handwerkstr. 15, 70565 Stuttgart, Germany
Certification body: Dinnendahlstr. 9, 44809 Bochum, Germany
Phone +49.234.3696-400, Fax +49.234.3696-401, e-mail DTC-Certification-body@dekra.com

DOWNLOADED FROM WWW.SCATTS.CO.UK

SCATTERGOOD & JOHNSON LTD
ELECTRICAL ENGINEERING & FLUID CONTROL DISTRIBUTORS
Est.1899

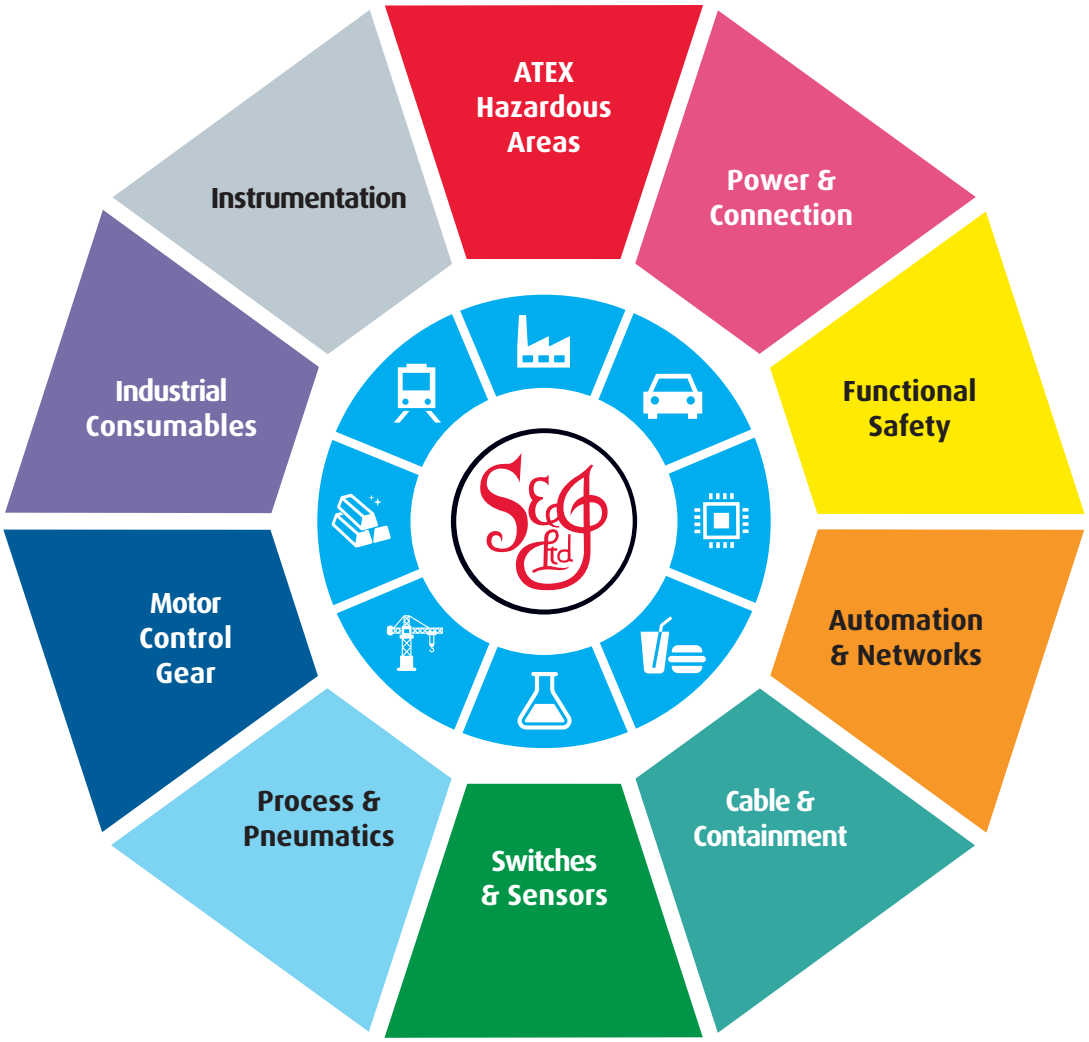
At Scattergood & Johnson Ltd, we pride ourselves on being a technical distributor to specialist industries.

Working with a range of quality product suppliers across a number of specialist markets, we are not your average 'box shifter' - we are your technical and supply chain partner.

We fully support every product we sell - for free! Our internal team and external sales engineers can answer any product or application question, no matter the complexity.

Backing up this technical ability is a range of 50,000+ products available from stock for nationwide next day delivery (same day if required!), or you can collect what you need from any of our trade counters around the UK.

Select your specialist interest below to learn more about how we can help.



Online, In Branch and On the Road - Scattergood & Johnson Ltd, there when you need us.

www.scatts.co.uk