



# IECEX Certificate of Conformity

## INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit [www.iecex.com](http://www.iecex.com)

Certificate No.: **IECEX ETL 20.0002X** Page 1 of 3 [Certificate history:](#)

Status: **Current** Issue No: 0

Date of Issue: 2020-04-21

Applicant: **Dongguan Pan American Electronics Co., Ltd.**  
No.31 BeiWang Road, WuJiaChong, Zhongtang Town, DongGuan City, GuangDong Province 523227  
**China**

Equipment: **Ex-\*\*\*W A\*\*\*\*D\*\*\***

Optional accessory:

Type of Protection: **Increased Safety 'ec', dust proctested 'tb'**

Marking: Ex ec IIC T3C Gc  
Ex tb IIIC Txx Db  
IP66  
-40°C ≤ Ta ≤ +40°C  
IECEX ETL 20.0002

Approved for issue on behalf of the IECEx  
Certification Body:

**Todd L. Relyea**

Position:

**Certification Officer**

Signature:  
(for printed version)

Date:  
(for printed version)

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
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Certificate issued by:

**Intertek**  
3933 US Route 11 South  
Cortland NY 13045-2995  
United States of America

**intertek**



# IECEx Certificate of Conformity

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Date of issue: 2020-04-21

Issue No: 0

Manufacturer: **Dongguan Pan American Electronic Co.,Ltd.**  
No.31 BeiWang Road, WuJiaChong, Zhongtang Town, DongGuan City, GuangDong Province 523227  
**China**

Manufacturing  
locations:

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended

## STANDARDS :

The equipment and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

[IEC 60079-0:2017](#) Explosive atmospheres - Part 0: Equipment - General requirements  
Edition:7.0

[IEC 60079-31:2013](#) Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"  
Edition:2

[IEC 60079-7:2017](#) Explosive atmospheres - Part 7: Equipment protection by increased safety "e"  
Edition:5.1

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

## TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

Test Report:

[US/ETL/ExTR20.0011/00](#)

Quality Assessment Report:

[CN/NEP/QAR19.0007/01](#)



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**EQUIPMENT:**

Equipment and systems covered by this Certificate are as follows:

See Annex 1 of this certificate for full model description.

**SPECIFIC CONDITIONS OF USE: YES as shown below:**

- Control of Environmental humidity to minimize generation of static electricity
- Touch with insulating object
- Means to continuously drain off electrostatic charges

**Annex:**

[IECEx ETL 20.0002X - Annex for IECEx Certificate of Conformity\\_1.pdf](#)



# Annex to IECEx Certificate of Conformity

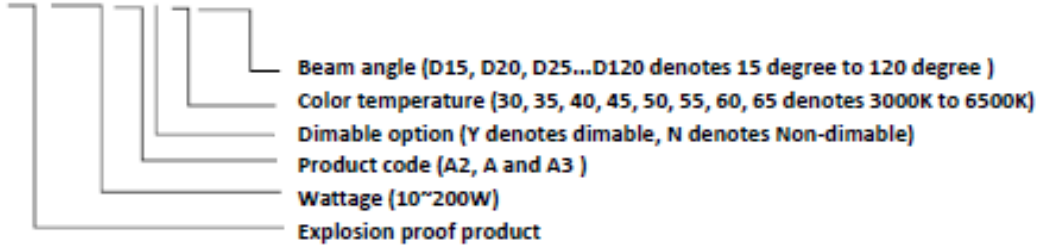
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**General product information:** This fixture is LED Luminaires; Rating is 100-277VAC; 50/60Hz. Maximum input power is 200W.

Breakdown of model numbers:

### Model description

Ex-\*\*\*W A3N50D120





## Annex to IECEx Certificate of Conformity

<b>Certificate No:</b>	<b>IECEX ETL 20.0002X</b>	<b>Issue No. 0</b>
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<b>Technical Documents Model A Drawings</b>			
<b>Title:</b>	<b>Drawing No.:</b>	<b>Rev. Level:</b>	<b>Date:</b>
Explosion proof light (Series A) High Bay Product Drawings	EX-yyyW AXYZD	A1	Dec.2019
Detail list	Ex-yyyW AXYZD	A1	2019-12-19
Drawings Contents	Ex-yyyW AXYZD	A1	2019-12-19
Explosion Proof Light (Series A) High Bay Assembly	EX-XXXW-AYZ	A1	2019-12-19
Cabinet Bottom Lighting	EX-XXXW-AYZ-001	A1	2019-12-19
Cabinet Power Bottom	EX-XXXW-AYZ-002	A1	2019-12-19
Cabinet Top Lighting	EX-XXXW-AYZ-003	A1	2019-12-19
Cabinet Top Power Box	EX-XXXW-AYZ-004	A1	2019-12-19
Tempered Glass	EX-XXXW-AYZ-005	A1	2019-12-19
Cantilever Support	EX-XXXW-AYZ-006	A1	2019-12-19
Cantilever Support Stand	EX-XXXW-AYZ-007	A1	2019-12-19
Waterproof Ring D	EX-XXXW-AYZ-008	A1	2019-12-19
Waterproof Ring A	EX-XXXW-AYZ-009	A1	2019-12-19
Waterproof Ring B	EX-XXXW-AYZ-010	A1	2019-12-19
Waterproof Ring C	EX-XXXW-AYZ-011	A1	2019-12-19
Nameplate	EX-XXXW-AYZ-012	A3	2019.10.7
press cable plate	EX-XXXW-BYZ-009	A1	2019-12-19
Mounting Adapter G3/4	EX-TYJ-020	A	2019-12-19
Mounting Adapter M25	EX-TYJ-021	A	2019-12-19
Mounting Adapter M20	EX-TYJ-022	A	2019-12-19
Mounting Adapter 1/2NPT	EX-TYJ-023	A	2019-12-19
Earthing name plate	EX-XXXW-AYZ-013	A	2019-12-19
Earthing	EX-XXXW-AYZ-014	A	2019-12-19
Amphenol Connector	EX-XXXW-AYZ-015	A	2019-12-19
Led Aluminium Substrate	EX-XXXW-AYZ-016	A1	2019-12-19
Sch of Series A	EX-YYYX-AXYX-SCH01	A	2019-12-19
Flexible cable	EX-XXXW-AYZ-017	A	2019-12-19



# Annex to IECEx Certificate of Conformity

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## Technical Documents Model A Drawings

Title:	Drawing No.:	Rev. Level:	Date:
Hard Net Cover	EX-XXXW-AYZ-018	A1	2019-12-19
Cable gland	EX-XXXW-A2YZ-020	A1	2019-06-21

Certificate issued by:

**intertek**  
Total Quality. Assured.

**Intertek Testing Services, NA.**  
3933 US Route 11  
Cortland, NY 13045  
USA

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SFT-IECEX-OP-19f (26 October 2018)



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Technical Documents Model A2 Drawings			
Title:	Drawing No.:	Rev. Level:	Date:
Sch of series A2	EX-YYYY-A2XYX-SCH01	A	2019-5-30
Explosion proof light (Series A2) High Bay Product Drawings	EX-yyyW A2XYZD	A1	Dec.2019
Detail list	Ex-yyyW A2XYZD	A1	2019-12-19
Drawings Contents	Ex-yyyW A2XYZD	A1	2019-12-19
Explosion Proof Light (Series A2) High Bay Assembly	EX-XXXW-A2YZ	A1	2019-12-19
A2 Cabinet Top Lighting	EX-XXXW-A2YZ-001	A	2019-6-20
A2 Cabinet Bottom Lighting	EX-XXXW-A2YZ-002	A	2019-6-20
A2 Cabinet Top Power Box	EX-XXXW-A2YZ-003	A	2019-6-20
A2 Cabinet Bottom Power Box	EX-XXXW-A2YZ-004	A	2019-6-20
A2 Cantilever Support	EX-XXXW-A2YZ-005	A	2019-6-20
A2 Tempered Glass	EX-XXXW-A2YZ-006	A	2019-6-20
Waterproof Ring A	EX-XXXW-A2YZ--007	A	2019-6-20
Waterproof Ring B	EX-XXXW-A2YZ-008	A	2019-6-20
Waterproof Ring C	EX-XXXW-A2YZ-009	A	2019-6-20
Led Aluminium Substrate	EX-XXXW-A2YZ-010	A	2019-6-20
Cable Gland	EX-XXXW-A2YZ-011	A1	2019-6-06
Nameplate	EX-XXXW-A2YZ-018	A1	2019-10-07
Flexible cable	EX-XXXW-AYZ-017	A	2019-6-20
Mounting Adapter G3/4	EX-TYJ-020	A	2019-12-19
Mounting Adapter M25	EX-TYJ-021	A	2019-12-19
Mounting Adapter M20	EX-TYJ-022	A	2019-12-19
Mounting Adapter 1/2NPT	EX-TYJ-023	A	2019-12-19
External bonding Name plate	EX-XXXW-AYZ-013	A	2019-6-20
Earthing/Ground	EX-XXXW-AYZ-014	A	2019-12-19
Amphenol Connector	EX-XXXW-AYZ-015	A	2019-12-19
Flexible cable	EX-XXXW-AYZ-017	A	2019-6-20
Lens	EX-TYJ-024	A	2019-6-20



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<b>Technical Documents Model A2 Drawings</b>			
<b>Title:</b>	<b>Drawing No.:</b>	<b>Rev. Level:</b>	<b>Date:</b>
Flexible Metal Conduit	FBD-TYJ-009	A	2019-6-20
Mounting Adapter	EX-XXXW-FYZ-011	A	2019-6-20
HARD NET COVER	EX-XXXW-A2YZ-019	A1	2018-8-06
Cable gland	EX-XXXW-A2YZ-020	A1	2018-8-06





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<b>Technical Documents Model A3 Drawings</b>			
<b>Title:</b>	<b>Drawing No.:</b>	<b>Rev. Level:</b>	<b>Date:</b>
Explosion proof light (Series A3) High Bay Product Drawings	EX-yyyW A3XYZD	A1	Dec.2019
Detail list	Ex-yyyW A3XYZD	A1	2019-6-18
Drawings Contents	Ex-yyyW A3XYZD	A1	2019-6-18
Explosion Proof Light (Series A3) High Bay Assembly	EX-XXXW-A3YZ	A1	2019-12-19
A3 Cabinet Top Lighting	EX-XXXW-A3YZ-001	A1	2019-12-19
A3 Cabinet Bottom Lighting	EX-XXXW-A3YZ-002	A1	2019-12-19
A3 Cabinet Top Power Box	EX-XXXW-A3YZ-003	A1	2019-12-19
A3 Cabinet Bottom Power Box	EX-XXXW-A3YZ-004	A1	2019-12-19
A3 Cantilever Support	EX-XXXW-A3YZ-005	A1	2019-12-19
A3 Cantilever Support Stand	EX-XXXW-A3YZ-006	A1	2019-12-19
A3 Tempered Glass	EX-XXXW-A3YZ-007	A1	2019-12-19
Waterproof Ring A	EX-XXXW-A3YZ--008	A1	2019-12-19
Waterproof Ring B	EX-XXXW-A2YZ-008	A	2019-6-20
Waterproof Ring C	EX-XXXW-A3YZ-009	A1	2019-12-19
Flexible cable	EX-XXXW-AYZ-017	A	2019-12-19
Mounting Adapter G3/4	EX-TYJ-020	A	2019-12-19
Mounting Adapter M25	EX-TYJ-021	A	2019-12-19
Mounting Adapter M20	EX-TYJ-022	A	2019-12-19
Mounting Adapter 1/2NPT	EX-TYJ-023	A	2019-12-19
Nameplate	EX-XXXW-A3YZ-018	A1	2019-10-7
Earthing/ground	EX-XXXW-AYZ-014	A	2019-12-19
Amphenol Connector	EX-XXXW-AYZ-015	A	2019-12-19
Led Aluminium Substrate	EX-XXXW-A3YZ-066	A1	2019-12-19
EX-YYYW-A3XYX-SCH01	Sch of Series A3	A1	2019-12-19
Lens	EX-TYJ-024	A	2019-6-20
Flexible Metal Conduit	FBD-TYJ-009	A	2019-6-20
Mounting Adapter	EX-XXXW-FYZ-011	A	2019-6-20



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Technical Documents Model A3 Drawings			
Title:	Drawing No.:	Rev. Level:	Date:
Cable Gland	EX-XXXW-A2YZ-020	A1	2019-06-21
External bonding Name plate	EX-XXXW-AYZ-013	A	2019-12-19

*Note: An \* is included before the title of documents that are new or revised.*



# Annex to IECEx Certificate of Conformity

Certificate No:	IECEX ETL 20.0002X	Issue No. 0
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Required Manufacturer Routine Testing		
Test	Title/Description of Test	Standard and Clause
1	Dielectric Test: (1,000 + 2U) V r.m.s. (+5%/-0) for 60s without breakdown or at 1.2 times the test voltage for 100ms. Or DC dielectric voltage 1.7 X (1,000 + 2U) V r.m.s. (+5%/-0) for 60s without breakdown	IEC 60079-7: 2017 Edition 7.1, Clause 7.1