



Annex to IECEx Certificate of Conformity

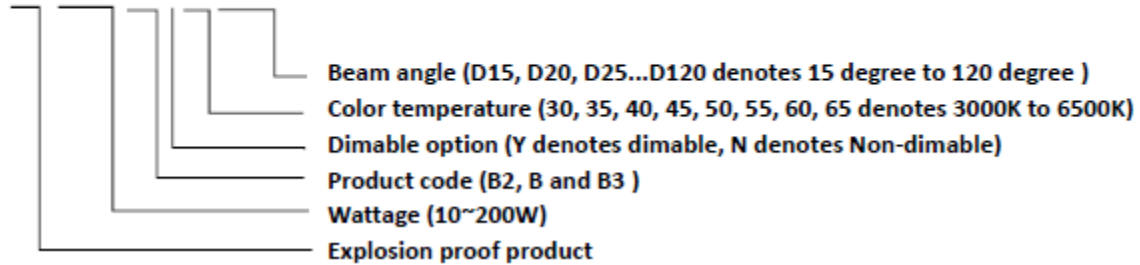
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General product information: The product is a family of LED Luminaires; Rating is 100-277VAC; 50/60Hz. Maximum input power is 200W.

Breakdown of model numbers:

Model description

Ex-***W B3N50D120



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 B Drawings			
Title:	Drawing No.:	Rev. Level:	Date:
Explosion proof light (Series B) High Bay Product Drawings	EX-yyyW BXYZD	A1	Dec 2019
Detail list	EX-XXXW BYZD	A1	2019-5-25
Drawings Contents	EX-XXXW BYZD-1	A1	2019-5-25
Sch of series B	EX-XXXW-BYZ-SCH	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
Cable gland	EX-XXXW-A2YZ-020	A1	2018-8-06
Earthing Nameplate	EX-XXXW-AYZ-013	A1	2018-8-06
Earthing	EX-XXXW-AYZ-014	A1	2018-8-06
Amphenol connector	EX-XXXW-AYZ-015	A1	2018-8-06
Flexible cable	EX-XXXW-AYZ-017	A1	2018-8-06
LED Corn Light	EX-XXXW-B2YZ-007	A1	2019-12-19
Explosion proof light(Series B) High Bay Assembly	EX-XXXW-BYZ	A1	2019-12-19
Cabinet-top-lighting	EX-XXXW-BYZ-001	A1	2019-12-19
Cabinet-bottom-lighting	EX-XXXW-BYZ-002	A1	2019-12-19
Cabinet-bottom-power-box	EX-XXXW-BYZ-003	A1	2019-12-19
Cabinet-top-power-box	EX-XXXW-BYZ-004	A1	2019-12-19
Gear-plate-A	EX-XXXW-BYZ-005	A1	2019-12-19
Gear-plate-B	EX-XXXW-BYZ-006	A1	2019-12-19
Bracket	EX-XXXW-BYZ-007	A1	2019-12-19
Hardware-net-cover	EX-XXXW-BYZ-008	A1	2019-12-19
Press cable plate	EX-XXXW-BYZ-009	A1	2019-12-19
Plate glass	EX-XXXW-BYZ-010	A1	2019-12-19
Spherical glass	EX-XXXW-BYZ-011	A1	2019-12-19
Waterproof-ring-A	EX-XXXW-BYZ-012	A1	2019-12-19
Waterproof-ring-B	EX-XXXW-BYZ-013	A1	2019-12-19



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Waterproof-ring-C	EX-XXXW-BYZ-014	A1	2019-12-19
Waterproof-ring-D	EX-XXXW-BYZ-015	A1	2019-12-19
CON REFLECTOR-A	EX-XXXW-BYZ-016	A1	2019-12-19
CON REFLECTOR-B	EX-XXXW-BYZ-017	A1	2019-12-19
Nameplate	EX-XXXW-BYZ-018	A1	2019.10.7
PCB	EX-XXXW-BYZ-019	A1	2019-12-19
Hardware guard-A	EX-XXXW-BYZ-025	A1	2019-12-19
Lens	EX-XXXW-BYZ-026	A1	2019-12-19
Series B installation instructions	FM20191217001B	A	Sep. 17th, 2019



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Technical Documents Model B2 Drawings			
Title:	Drawing No.:	Rev. Level:	Date:
Explosion proof light (Series B2) High Bay Product Drawings	EX-yyyW B2XYZD	A1	Dec.2019
Detail list	EX-XXXW B2YZD	A1	2019-5-25
Drawings Contents	EX-XXXW B2YZD-1	A1	2019-5-25
Assembly Drawing	EX-XXXW-B2YZ	A1	2019-12-19
Cabinet Top Lighting	EX-XXXW-BYZ-001	A1	2019-12-19
B2_Cabinet Bottom Lighting	EX-XXXW-B2YZ-001	A1	2019-12-19
B2_Cabinet power bottom	EX-XXXW-B2YZ-003	A1	2019-12-19
B2 Cabinet power top	EX-XXXW-B2YZ-004	A1	2019-12-19
Gear plate A	EX-XXXW-BYZ-005	A1	2019-12-19
Gear plate B	EX-XXXW-BYZ-006	A1	2019-12-19
Cantilever Support	EX-XXXW-BYZ-007	A1	2019-12-19
Hardware-net-cover	EX-XXXW-BYZ-008	A1	2019-12-19
Spherical glass	EX-XXXW-BYZ-011	A1	2019-12-19
Plate Glass	EX-XXXW-BYZ-010	A1	2019-12-19
Waterproof Ring A	EX-XXXW-BYZ-012	A1	2019-12-19
Waterproof Ring B	EX-XXXW-BYZ-013	A1	2019-12-19
Waterproof Ring C	EX-XXXW-BYZ-014	A1	2019-12-19
Waterproof Ring E(B2)	EX-XXXW-B2YZ-005	A1	2019-12-19
CON reflector A	EX-XXXW-BYZ-016	A1	2019-12-19
CON reflector B	EX-XXXW-BYZ-017	A1	2019-12-19
Name plate	EX-XXXW-B2YZ-006	A1	2019.10.7
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 location name plate	EX-XXXW-AYZ-013	A	2019-12-19
Grounding wire	EX-XXXW-AYZ-014	A	2019-12-19
LED PCB	EX-XXXW-BYZ-019	A1	2019-12-19



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Technical Documents Model B2 Drawings			
Title:	Drawing No.:	Rev. Level:	Date:
Flexible cable	EX-XXXW-AYZ-017	A1	2019-12-19
Hardware guard-A	EX-XXXW-BYZ-025	A1	2019-12-19
Lens	EX-XXXW-BYZ-026	A1	2019-12-19
Cable gland	EX-XXXW-A2YZ-020	A1	2018-8-06
SCH of series B2	EX-XXXW-B2YZ-SCH	A1	2019-12-19
Series B installation instructions	FM20191217001B	A	Sep. 17th, 2019



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Technical Documents Model B3 Drawings			
Title:	Drawing No.:	Rev. Level:	Date:
Explosion proof light (Series B3) High Bay Product Drawings	EX-yyyW B3XYZD	A1	Dec.2019
Detail list	EX-XXXW-B3YZD	A1	2019-5-30
Drawings Contents	EX-XXXW-B3YZD-1	A1	2019-5-30
B3 Cabinet Top Lighting	EX-XXXW-B3YZ-001	A1	2019-12-19
B3 Cabinet Bottom Lighting	EX-XXXW-B3YZ-002	A1	2019-12-19
B3 Cabinet Bottom power box	EX-XXXW-B3YZ-003	A1	2019-12-19
B3 Cabinet power top box	EX-XXXW-B3YZ-004	A1	2019-12-19
B3 cantilever support	EX-XXXW-B3YZ-005	A1	2019-12-19
B3 cantilever support stand	EX-XXXW-B3YZ-006	A1	2019-12-19
Hardware guard	EX-XXXW-B3YZ-007	A1	2019-12-19
B3 Tempered Glass	EX-XXXW-B3YZ-008	A1	2019-12-19
B3 Spherical Glass	EX-XXXW-B3YZ-009	A1	2019-12-19
B3 waterproof ring_A	EX-XXXW-B3YZ-011	A1	2019-12-19
Waterproof ring_B	EX-XXXW-BYZ-013	A1	2019-12-19
Waterproof ring_C	EX-XXXW-BYZ-014	A1	2019-12-19
B3 Waterproof ring_E	EX-XXXW B3YZ-010	A1	2019-12-19
Nameplate	EX-XXXW-B3YZ-012	A3	2019.10.7
Cable gland	EX-XXXW-A2YZ-020	A1	2018-8-06
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	2019-12-19
Earthing Wire	EX-XXXW-AYZ-014	A	2019-12-19
Amphenol Connector	EX-XXXW-AYZ-015	A	2019-12-19
LED PCB	EX-XXXW-B3YZ-013	A1	2019-12-19
Flexible Cable	EX-XXXW-AYZ-017	A	2019-12-19
Hardware guard_B	EX-XXXW-B3YZ-015	A1	2019-12-19



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Technical Documents Model B3 Drawings			
Title:	Drawing No.:	Rev. Level:	Date:
CON reflector-A	EX-XXXW-B3YZ-016	A1	2019-12-19
CON reflector-B	EX-XXXW-B3YZ-017	A1	2019-12-19
Cable Gland	EX-XXXW-A2YZ-020	A1	2018-8-16
Sch of series B3	EX-XXXW-B3YZ-SCH	A1	2019-12-19
EX-XXXW-BYZ-026	Lens	A1	2019-12-19
Series B installation instructions	FM20191217001B	A	Sep. 17th, 2019

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



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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