

Vyrtych TOSA-EX2/21 LED Floodlight Zone 2-21 IP66

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For ATEX Zone 2-21

Certification: TOSA-Ex2/21 - ATEX zone 2/21 - (TÜV 25 ATEX 9256X/9255X)

Ex II 3G Ex nR IIC T6/T5 Gc and Ex II 2D Ex tb IIIC T80°C/T95°C Db.

Certification: TOSA-Ex2/21 - IECEx Zone 2/21 - (IECEx TUR 25.0015X)

Ex nR IIC T6/T5 Gc and Ex tb IIIC T80°C/T95°C Db

Application: Highly resistant aluminium with a surface treatment guaranteeing extremely high resistance to salty environments, corrosion resistance C5M, splash and dust resistance IP66 lighting fixture is designed for lighting of areas with danger of explosion. Ready for looping, adjustable boom allows a wide variation in the use of the luminaire.

Ballast: electronic ballast 100 – 277 Vac.

Light source: LED, 4000K, CRI +80, MacAdam5.

Housing: Aluminium body with surface treatment for salty environments corrosion resistance C5M, grey colour RAL 7035. UV-stable.

Cover: Clear tempered safety glass.

Protection: IP66 and IK08.

Beam angles: 30°, 60°, 90°, AS - Asymmetric 30°, AS - Asymmetric 60°, Very Wide Beam >80°

Temperature resistance: from -40°C to +65°C (depending on luminaire variant)

Fastening: With the adjustable boom for attachment (boom is included in the luminaire).

Connection: Screwless three-pole terminal block, maximum diameter of wires 4,0 mm².

Standard equipment: 1 pcs EX brass nickel-plated cable gland M25 (as a standard for diameter of cable 10-18mm), 1 pcs EX brass nickel-plated plug M25,

Calculated lifetime - LED modules: L80B50 Ta 25 – 230.000 h.

The lighting fixture meets photobiological safety according to the standard CSN EN 62471:2009.

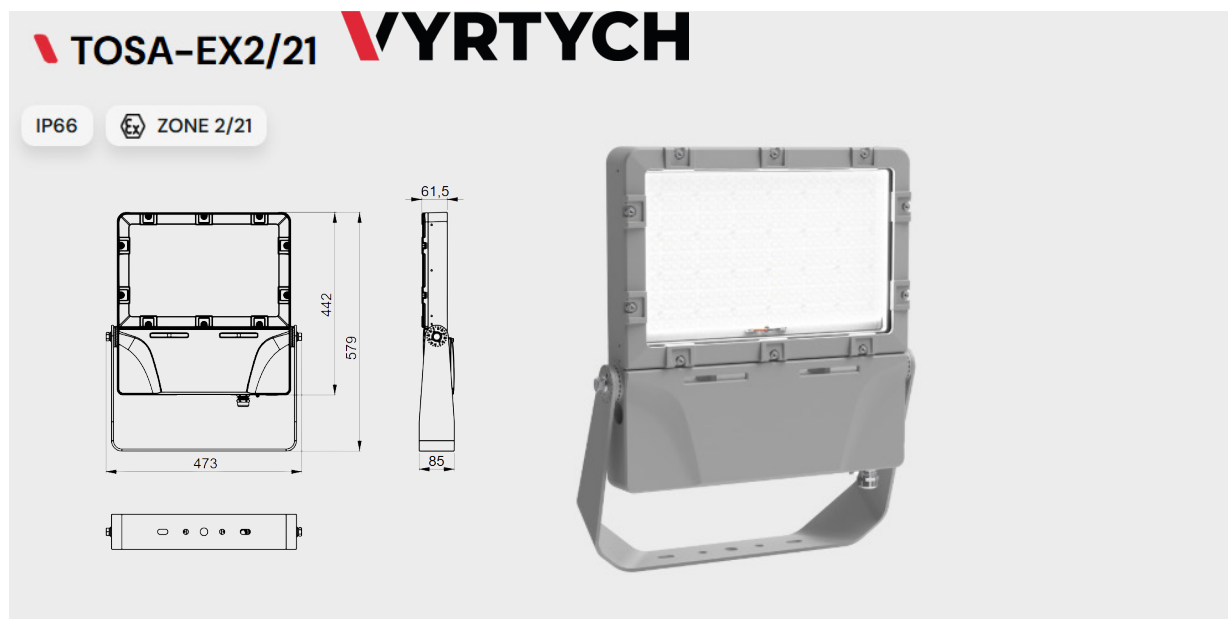
Suitable for persons with high sensitivity to UV radiation and blue spectrum part.

Mark indicating compliance with the relevant regulations for electromagnetic compatibility (EMC).

Tolerance of luminous flux and power input of the lighting fixture +/- 10%.

Options; Protective Grille.

Manufacturers warranty, 5 years.



Article No.	Description	Wattage	Lumen output	AxBxC mm	Ta (°C)	Light Colour	Lightbeam
83VT63716	TOSA-EX2/21-F-B01-840-23400-0ND-15-LB	150	19.706	440x420x80	-40°C≤ta≤55°C/65°C	4.000K	WB >80°
83VT63717	TOSA-EX2/21-F-B01-840-29700-0ND-15-LB	200	26.124	440x420x80	-40°C≤ta≤50°C/60°C	4.000K	WB >80°
83VT63718	TOSA-EX2/21-F-B01-840-35100-0ND-15-LB	240	29.780	440x420x80	-40°C≤ta≤50°C	4.000K	WB >80°
83VT63719	TOSA-EX2/21-F-B01-840-23400-0ND-15-LM	150	22.378	440x420x80	-40°C≤ta≤55°C/65°C	4.000K	60°
83VT63720	TOSA-EX2/21-F-B01-840-29700-0ND-15-LM	200	29.666	440x420x80	-40°C≤ta≤50°C/60°C	4.000K	60°
83VT63721	TOSA-EX2/21-F-B01-840-35100-0ND-15-LM	240	33.818	440x420x80	-40°C≤ta≤50°C	4.000K	60°
83VT63722	TOSA-EX2/21-F-B01-840-23400-0ND-15-LS	150	21.169	440x420x80	-40°C≤ta≤55°C/65°C	4.000K	30°
83VT63723	TOSA-EX2/21-F-B01-840-29700-0ND-15-LS	200	28.063	440x420x80	-40°C≤ta≤50°C/60°C	4.000K	30°
83VT63724	TOSA-EX2/21-F-B01-840-35100-0ND-15-LS	240	31.991	440x420x80	-40°C≤ta≤50°C	4.000K	30°
83VT63725	TOSA-EX2/21-F-B01-840-23400-0ND-15-LW	150	22.717	440x420x80	-40°C≤ta≤55°C/65°C	4.000K	90°
83VT63726	TOSA-EX2/21-F-B01-840-29700-0ND-15-LW	200	30.115	440x420x80	-40°C≤ta≤50°C/60°C	4.000K	90°
83VT63727	TOSA-EX2/21-F-B01-840-35100-0ND-15-LW	240	34.330	440x420x80	-40°C≤ta≤50°C	4.000K	90°
83VT63728	TOSA-EX2/21-F-B01-840-23400-0ND-15-AE	150	20.913	440x420x80	-40°C≤ta≤55°C/65°C	4.000K	AS 30°
83VT63729	TOSA-EX2/21-F-B01-840-29700-0ND-15-AE	200	27.724	440x420x80	-40°C≤ta≤50°C/60°C	4.000K	AS 30°
83VT63730	TOSA-EX2/21-F-B01-840-35100-0ND-15-AE	240	31.604	440x420x80	-40°C≤ta≤50°C	4.000K	AS 30°
83VT63731	TOSA-EX2/21-F-B01-840-23400-0ND-15-AG	150	20.755	440x420x80	-40°C≤ta≤55°C/65°C	4.000K	AS 60°
83VT63732	TOSA-EX2/21-F-B01-840-29700-0ND-15-AG	200	27.514	440x420x80	-40°C≤ta≤50°C/60°C	4.000K	AS 60°
83VT63733	TOSA-EX2/21-F-B01-840-35100-0ND-15-AG	240	31.365	440x420x80	-40°C≤ta≤50°C	4.000K	AS 60°

Vyrtych EXTRA-Ex2/21-LED Accessories

Article No.	Description
83VT63761	TOSA Protective grill with openings 34 x 42mm (wire 3.0mm)

Danger Zone 2 (GAS): Areas in which probability of the presence of an explosive mixture is low in which such a mixture, if present will only exist for a short time (<0.1% of the operating time).

Danger Zone 21 (DUST): Areas in which the change of the presence of an explosive mixture under normal operation is high (>0.1% and <10% of the operating time)