

Vyrtych BERGER-N-LED High-Bay Zone 2-21 IP66

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For ATEX Zone 2-21

Certification: BERGER-N-LED - ATEX zone 2/21 - (FTZU 22 ATEX 0107X)

Ex II 3G Ex nR IIC T6/T5 Gc and Ex II 2D Ex tb IIIC T85°C Db.

Certification: BERGER-N-LED - IECEx Zone 2/21 - (IECEx FTZU 24.0004X)

Ex nR IIC T6 Gc and Ex tb IIIC T85°C Db

Certification: BERGER-N-LED - ATEX zone 2/22 - (FTZU 22 ATEX 0108X)

Ex II 3G Ex nR IIC T6/T5 Gc and Ex II 3D Ex tc IIIC T85°C Dc.

Application: HIGH-BAY designed for explosion hazardous areas for ATEX Zone 2/21, 22. Splash and dust resistance IP66.

Designed for hanging or clip-on (positionable) mounting. Adjustable boom allows a wide variation in the use of the luminaire.

The modular system of the luminaire allows the selection of light output according to the needs of the project.

The luminaire's optical system offers a large variation of light curves for different applications.

Ballast: electronic ballast 220-240 Vac 50/60 Hz.

Light source: LED, 4000K, CRI +80, MacAdam3.

Housing: Aluminium profile RAL 7043 Grey. Cover: Clear tempered safety glass.

Protection: IP66 and IK10.

Beam angles: 30°, 60°, 90°, WO - without optical system.

Temperature resistance: from -20°C to +70°C (depending on luminaire variant)

Fastening: With hanging lugs for easy hanging with chains ormlouped ropes or with an adjustable boom for snap-on mounting.

The adjustable bracket is not standard and must be ordered separately.

Connection: With 2 meter cable. T50/T60 variants have a plastic BERGER 0,3m plastic gland.

Standard equipment: 4x stainless steel eye bolt M5. The luminaire is equipped with 2 meter cable 3x1,5 mm² as standard,

which is terminated by tubes.

Calculated lifetime - LED modules: L90B50 Ta 25 - 50.000 h.

Calculated lifetime - LED modules: L80B50 Ta 25 - 150.000 h.

Calculated lifetime - LED modules: L70B50 Ta 60 - 1000.000 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: BERGER adjustable bracket, Certified BERGER 0,3 m zinc cable sling - Y (set of 2 pcs), Option DIM - dimmable electronic driver (DALI).

On order available light colours: 3.000K, 4.000K (standard), 5.000K, 6.500K.

Manufacturers warranty, 5 years.



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Article No.	Description	Wattage	Lumen output	AxBxC mm	Ta (°C)	Light Colour	Lightbeam
83VT46026	BERGER-N-LED-2,21-T50-90-12200-4K-1M-IP66	69	10.922	415x285x190	-20°C≤ta≤50°C	4.000K	90°
83VT46053	BERGER-N-LED-2,21-T60-90-9900-4K-1M-IP66	54	8.933	415x285x190	-20°C≤ta≤60°C	4.000K	90°
83VT46076	BERGER-N-LED-2,21-T70-90-6350-4K-1M-IP66	33	5.764	415x285x190	-20°C≤ta≤70°C	4.000K	90°
83VT46100	BERGER-N-LED-2,21-FROST-90-9900-4K-1M-IP66	54	8.933	415x285x190	-40°C≤ta≤50°C	4.000K	90°
83VT46034	BERGER-N-LED-2,21-T50-90-24400-4K-2M-IP66	136	21.844	415x285x190	-20°C≤ta≤50°C	4.000K	90°
83VT46059	BERGER-N-LED-2,21-T60-90-19800-4K-2M-IP66	107	17.866	415x285x190	-20°C≤ta≤60°C	4.000K	90°
83VT46082	BERGER-N-LED-2,21-T70-90-12700-4K-2M-IP66	67	11.528	415x285x190	-20°C≤ta≤70°C	4.000K	90°
83VT46105	BERGER-N-LED-2,21-FROST-90-19800-4K-2M-IP66	107	17.866	415x285x190	-40°C≤ta≤50°C	4.000K	90°
83VT46041	BERGER-N-LED-2,21-T50-90-36600-4K-3M-IP66	204	32.726	620x285x190	-20°C≤ta≤50°C	4.000K	90°
83VT46064	BERGER-N-LED-2,21-T60-90-26200-4K-3M-IP66	144	23.622	620x285x190	-20°C≤ta≤60°C	4.000K	90°
83VT46089	BERGER-N-LED-2,21-T70-90-17800-4K-3M-IP66	94	16.130	620x285x190	-20°C≤ta≤70°C	4.000K	90°
83VT46111	BERGER-N-LED-2,21-FROST-90-26200-4K-3M-IP66	144	23.622	620x285x190	-40°C≤ta≤50°C	4.000K	90°
83VT46048	BERGER-N-LED-2,21-T40-90-48800-4K-4M-IP66	287	43.634	825x285x190	-20°C≤ta≤40°C	4.000K	90°
83VT46071	BERGER-N-LED-2,21-T60-90-30200-4K-4M-IP66	163	27.224	825x285x190	-20°C≤ta≤60°C	4.000K	90°
83VT46092	BERGER-N-LED-2,21-T70-90-24150-4K-4M-IP66	122	21.888	825x285x190	-20°C≤ta≤70°C	4.000K	90°
83VT46117	BERGER-N-LED-2,21-FROST-90-30200-4K-4M-IP66	163	27.224	825x285x190	-40°C≤ta≤50°C	4.000K	90°