

Vyrtych KERN-Ex 2/21 ATEX Emergency luminaire Zone 2-21 IP66/IP67

Vyrtych KERN-Ex 2/21-LED IP66/IP67 Ex ATEX Emergency luminaire

For ATEX Zone 2-21

High water and dust resistance IP66/IP67 and IK08.

Body made of robust polycarbonate, grey colour RAL 7035, UV-stable.

Diffuser PC (polycarbonate) opal provides effective light diffusion, high impact resistance.

Dimensions 395x195x122mm LxWxH.

Operating voltage: 220/240 Vac 50/60Hz, 220/240V DC.

Light source LED, 4000K (optional 3000K, 5000K or 6500K) CRI>80, MacAdam3.

Ambient temperature: -30°C to +60°C. Emergency type 0°C to +35° (+45°)C.

Emergency mode function control without opening the luminaire.

Fastening: surface ceiling or wall mounting by means of two self-locking fixing pens (standard equipment), suspension by means of wire or cable suspenders.

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

Standard equipment: 1 pc Ex Cable gland M20 for diameter 7-13mm including sealing, 2 pcs Ex Sealing plug M20, 2 pcs Ex plastic cable plug incl. gasket, 2x gripping pen.

Calculated lifetime - LED modules: L80B10 ta30 - 70.000 h

L70B10 ta30 - 100.000 h

KERN CB - Central battery system

KERN 3H - maintained 3h emergency lighting

KERN 3H AUTO - maintained 3h emergency lighting, Autotest.

KERN 3H DALI - maintained 3h emergency lighting, DALI + DALI2.

KERN Em-3H - Temporary emergency lighting 3h

KERN Em-3H AUTO - Temporary emergency lighting 3h, Autotest.

KERN Em-3H DALI - Temporary emergency lighting 3h, DALI

ATEX Certificate (FTZU 25 ATEX 00018X)

II 3G Ex nR IIC T6 Gc (GAS)

II 2D Ex tb IIIC T85°C Db (DUST)

IECEx Certificate (IECEx FTZU 25.0013X)

Ex nR IIC T6 Gc (GAS)

Ex tb IIIC T85°C Db (DUST)

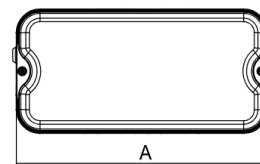
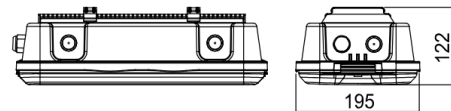
European product - made in the Czech Republic.

Manufacturers warranty 5 years.

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



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Article No.	Description	Wattage Main/Em	Lumen output Main light	Lumen output Emergency	Ta Max (°C)	Light Colour	Light beam
83VT63391	KERN-EX2/21-G-L04-840-1200-OND-06-PD ON/OFF	7 / -	1.086	-	+60°C	4.000 K	WB >80°
83VT63392	KERN-EX2/21-G-L04-840-1800-OND-06-PD ON/OFF	10 / -	1.640	-	+60°C	4.000 K	WB >80°
83VT63393	KERN-EX2/21-G-L04-840-2400-OND-06-PD ON/OFF	13 / -	2.148	-	+55°C	4.000 K	WB >80°
83VT63394	KERN-EX2/21-G-L04-840-2900-OND-06-PD ON/OFF	16 / -	2.674	-	+50°C	4.000 K	WB >80°
83VT63395	KERN-EX2/21-G-L04-840-3400-OND-06-PD ON/OFF	20 / -	3.189	-	+50°C	4.000 K	WB >80°
83VT63396	KERN-EX2/21-G-L04-840-4000-OND-06-PD ON/OFF	23 / -	3.663	-	+45°C	4.000 K	WB >80°
83VT63397	KERN-EX2/21-G-L04-840-1200-OD2-06-PD DALI2	7 / -	1.068	-	+60°C	4.000 K	WB >80°
83VT63398	KERN-EX2/21-G-L04-840-1800-OD2-06-PD DALI2	10 / -	1.640	-	+55°C	4.000 K	WB >80°
83VT63399	KERN-EX2/21-G-L04-840-2400-OD2-06-PD DALI2	13 / -	2.148	-	+55°C	4.000 K	WB >80°
83VT63400	KERN-EX2/21-G-L04-840-2900-OD2-06-PD DALI2	16 / -	2.674	-	+50°C	4.000 K	WB >80°
83VT63401	KERN-EX2/21-G-L04-840-3400-OD2-06-PD DALI2	20 / -	3.189	-	+50°C	4.000 K	WB >80°
83VT63439	KERN-EX2/21-G-L04-840-4000-OD2-06-PD DALI2	23 / -	3.663	-	+45°C	4.000 K	WB >80°

Article No.	Description	Wattage Main/Em	Lumen output Main light	Lumen output Emergency	Ta Max (°C)	Light Colour	Light beam
83VT63590	KERN-EX2/21-G-L04-840-1200-NM3-06-PD 3H	7 / 2,4	1.086	372	+40°C	4.000 K	WB >80°
83VT63610	KERN-EX2/21-G-L04-840-1800-NM3-06-PD 3H	10 / 2,4	1.640	394	+40°C	4.000 K	WB >80°
83VT63591	KERN-EX2/21-G-L04-840-2400-NM3-06-PD 3H	13 / 2,4	2.148	397	+40°C	4.000 K	WB >80°
83VT63592	KERN-EX2/21-G-L04-840-2900-NM3-06-PD 3H	16 / 2,4	2.674	401	+30°C	4.000 K	WB >80°
83VT63593	KERN-EX2/21-G-L04-840-3400-NM3-06-PD 3H	20 / 2,4	3.189	383	+30°C	4.000 K	WB >80°
83VT63594	KERN-EX2/21-G-L04-840-4000-NM3-06-PD 3H	23 / 2,4	3.663	382	+30°C	4.000 K	WB >80°
83VT63595	KERN-EX2/21-G-L04-840-1200-NM3A-06-PD 3H AUTO	7 / 2,4	1.068	388	+40°C	4.000 K	WB >80°
83VT63596	KERN-EX2/21-G-L04-840-1800-NM3A-06-PD 3H AUTO	10 / 2,4	1.640	410	+40°C	4.000 K	WB >80°
83VT63597	KERN-EX2/21-G-L04-840-2400-NM3A-06-PD 3H AUTO	13 / 2,4	2.148	413	+40°C	4.000 K	WB >80°
83VT63598	KERN-EX2/21-G-L04-840-2900-NM3A-06-PD 3H AUTO	16 / 2,4	2.674	418	+30°C	4.000 K	WB >80°
83VT63599	KERN-EX2/21-G-L04-840-3400-NM3A-06-PD 3H AUTO	20 / 2,4	3.189	399	+30°C	4.000 K	WB >80°
83VT63600	KERN-EX2/21-G-L04-840-4000-NM3A-06-PD 3H AUTO	23 / 2,4	3.663	398	+30°C	4.000 K	WB >80°



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Article No.	Description	Wattage Main/Em	Lumen output Main light	Lumen output Emergency	Ta Max (°C)	Light Colour	Light beam
83VT63601	KERN-EX2/21-G-L04-840-1200-ND3D2-06-PD 3H DALI	7 / 2,5	1.086	388	+40°C	4.000 K	WB >80°
83VT63602	KERN-EX2/21-G-L04-840-1800-ND3D2-06-PD 3H DALI	10 / 2,5	1.640	410	+40°C	4.000 K	WB >80°
83VT63603	KERN-EX2/21-G-L04-840-2400-ND3D2-06-PD 3H DALI	13 / 2,5	2.148	413	+40°C	4.000 K	WB >80°
83VT63604	KERN-EX2/21-G-L04-840-2900-ND3D2-06-PD 3H DALI	16 / 2,5	2.674	418	+30°C	4.000 K	WB >80°
83VT63605	KERN-EX2/21-G-L04-840-3400-ND3D2-06-PD 3H DALI	20 / 2,5	3.189	399	+30°C	4.000 K	WB >80°
83VT63606	KERN-EX2/21-G-L04-840-4000-ND3D2-06-PD 3H DALI	23 / 2,5	3.663	398	+30°C	4.000 K	WB >80°
83VT63607	KERN-EX2/21-G-L04-840-400-NNM3A-06-PD EM 3H	- / 2,5	-	438	+45°C	4.000 K	WB >80°
83VT63608	KERN-EX2/21-G-L04-840-400-NNM3A-06-PD EM 3H AUTO	- / 2,5	-	438	+45°C	4.000 K	WB >80°
83VT63609	KERN-EX2/21-G-L04-840-400-NNMD3-06-PD EM 3H DALI	- / 2,5	-	438	+45°C	4.000 K	WB >80°
83VT65685	KERN-EX2/21-G-L04-840-800-OCB-06-PD CB	- / -	-	-	+60°C	4.000 K	WB >80°
83VT65467	KERN-EX2/21-G-L04-865-1200-OND-06-PD ON/OFF	6 / -	1.059	-	+60°C	6.500 K	WB >80°
83VT65468	KERN-EX2/21-G-L04-865-1800-OND-06-PD ON/OFF	10 / -	1.598	-	+55°C	6.500 K	WB >80°
83VT65469	KERN-EX2/21-G-L04-865-2400-OND-06-PD ON/OFF	13 / -	2.122	-	+55°C	6.500 K	WB >80°
83VT65470	KERN-EX2/21-G-L04-865-2900-OND-06-PD ON/OFF	16 / -	2.604	-	+50°C	6.500 K	WB >80°
83VT65471	KERN-EX2/21-G-L04-865-3400-OND-06-PD ON/OFF	20 / -	3.105	-	+50°C	6.500 K	WB >80°
83VT65472	KERN-EX2/21-G-L04-865-4000-OND-06-PD ON/OFF	23 / -	3.595	-	+45°C	6.500 K	WB >80°
83VT65473	KERN-EX2/21-G-L04-865-1200-OD2-06-PD DALI2	6 / -	1.059	-	+60°C	6.500 K	WB >80°
83VT65474	KERN-EX2/21-G-L04-865-1800-OD2-06-PD DALI2	10 / -	1.598	-	+55°C	6.500 K	WB >80°
83VT65475	KERN-EX2/21-G-L04-865-2400-OD2-06-PD DALI2	13 / -	2.122	-	+55°C	6.500 K	WB >80°
83VT65476	KERN-EX2/21-G-L04-865-2900-OD2-06-PD DALI2	16 / -	2.604	-	+55°C	6.500 K	WB >80°
83VT65477	KERN-EX2/21-G-L04-865-3400-OD2-06-PD DALI2	20 / -	3.105	-	+50°C	6.500 K	WB >80°
83VT65478	KERN-EX2/21-G-L04-865-4000-OD2-06-PD DALI2	23 / -	3.595	-	+45°C	6.500 K	WB >80°

Other KERN-EX2/21 luminaires on request available.

Vyrtych KERN accessories

Article No.	Description
83VT60173	Grip Pen POINTER/BASET/VIPET/KERN Stainless Steel 304
83VT60174	Grip Pen POINTER/BASET/VIPET/KERN Stainless Steel 316L
83VT62858	Kern Protective basket
83VT63139	Set of wall brackets 45° angle KERN (2 pcs) AISI304
83VT63458	KERN Cable gland for armoured cable
83VT62832	KERN Pictogram Left Arrow
83VT62833	KERN Pictogram Right Arrow
83VT62834	KERN Pictogram Down Arrow
83VT62835	KERN Pictogram Up Arrow
83VT62836	KERN Pictogram EXIT
83VT63023	Telescopic Magnet MT-01
83VT63024	FleCaFix 24-36 Weidmüller PG Wrench 480906
83VT60089	Set of pipe clamps Ø 60 mm (2"), AISI304 (2 pcs)
83VT60090	Set of pipe clamps Ø 50 mm (1.1/2"), AISI304 (2 pcs)
83VT60091	Set of pipe clamps Ø 420 mm (1.1/4"), AISI304 (2 pcs)
83VT06902	Wall Bracket 90° angle KERN
83VT03575	Cable sling - 3m length (2pcs) for ceiling mounting



With the Vyrtych KERN Emergency type standard at each luminaire a set of Pictograms according to EN ISO 7010:

Viewing distance 30 mtr.

The type ON/OFF is supplied without a set of Pictograms

