

EU PROHLÁŠENÍ O SHODĚ EU DECLARATION OF CONFORMITY

My / we

VYRTYCH a.s.

Židněves 116, 294 06 Březno, Česká republika, IČO 27862470

**prohlašujeme na svou výlučnou odpovědnost, že
hereby declare in our sole responsibility, that the**

Výrobek / Product: Zápustná a přisazená svítidla určená pro použití v prostředí s nebezpečím výbuchu / Recessed a surface mounted luminaires intended for use in potentially explosive atmospheres

Typ / model: BORDER-N-LED-2/21-SQ, MULTIBORDER-N-LED-2/21-SQ,
BORDER-N-LED-2/21-SQ-CB, BORDER-N-LED-2/21-FROST-SQ
LED PCB 10W – 80W

BORDER-N-LED-2/21-SQ-3300, 15-25W	-20°C ≤ ta ≤ +60°
BORDER-N-LED-2/21-SQ-4800, 25-30W	-20°C ≤ ta ≤ +60°
BORDER-N-LED-2/21-SQ-6300, 30-40W	-20°C ≤ ta ≤ +60°
BORDER-N-LED-2/21-SQ-7200, 40-50W	-20°C ≤ ta ≤ +60°
BORDER-N-LED-2/21-SQ-8700, 50-65W	-20°C ≤ ta ≤ +60°
BORDER-N-LED-2/21-SQ-12000, 65-75W	-20°C ≤ ta ≤ +45°
MULTIBORDER-N-LED-2/21-SQ-3300, 15-25W	0°C ≤ ta ≤ +45°
MULTIBORDER-N-LED-2/21-SQ-4800, 25-30W	0°C ≤ ta ≤ +45°
MULTIBORDER-N-LED-2/21-SQ-6300, 30-40W	0°C ≤ ta ≤ +40°
MULTIBORDER-N-LED-2/21-SQ-7200, 40-50W	0°C ≤ ta ≤ +35°
MULTIBORDER-N-LED-2/21-SQ-8700, 50-65W	0°C ≤ ta ≤ +35°
BORDER-N-LED-2/21-SQ-3300-CB, 15-25W	-20°C ≤ ta ≤ +60°
BORDER-N-LED-2/21-SQ-4800-CB, 25-30W	-20°C ≤ ta ≤ +60°
BORDER-N-LED-2/21-SQ-6300-CB, 30-40W	-20°C ≤ ta ≤ +60°
BORDER-N-LED-2/21-SQ-7200-CB, 40-50W	-20°C ≤ ta ≤ +60°
BORDER-N-LED-2/21-SQ-8700-CB, 50-65W	-20°C ≤ ta ≤ +60°
BORDER-N-LED-2/21-SQ-12000-CB, 65-75W	-20°C ≤ ta ≤ +45°
BORDER-N-LED-2/21-FROST-SQ-3300, 15-25W	-40°C ≤ ta ≤ +55°
BORDER-N-LED-2/21-FROST-SQ-4800, 25-30W	-40°C ≤ ta ≤ +55°
BORDER-N-LED-2/21-FROST-SQ-6300, 30-40W	-40°C ≤ ta ≤ +55°
BORDER-N-LED-2/21-FROST-SQ-7200, 40-50W	-40°C ≤ ta ≤ +60°
BORDER-N-LED-2/21-FROST-SQ-8700, 50-65W	-40°C ≤ ta ≤ +60°

IP66, třída izolace I / class I
FTZÚ 23 ATEX 0038X
Ⓜ II 3G Ex nR IIC T6 Gc
Ⓜ II 2D Ex tb op is IIIC T85°C Db

BORDER-N-LED-2/21-R, MULTIBORDER-N-LED-2/21-R,
BORDER-N-LED-2/21-R-CB, BORDER-N-LED-2/21-FROST-R
LED PCB 10W – 80W

BORDER-N-LED-2/21-R-3300, 15-25W	-20°C ≤ ta ≤ +60°
BORDER-N-LED-2/21-R-4800, 25-30W	-20°C ≤ ta ≤ +60°
BORDER-N-LED-2/21-R-6300, 30-40W	-20°C ≤ ta ≤ +60°
BORDER-N-LED-2/21-R-7200, 40-50W	-20°C ≤ ta ≤ +60°
BORDER-N-LED-2/21-R-8700, 50-65W	-20°C ≤ ta ≤ +55°
BORDER-N-LED-2/21-R-12000, 65-75W	-20°C ≤ ta ≤ +40°
MULTIBORDER-N-LED-2/21-R-3300, 15-25W	0°C ≤ ta ≤ +45°

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MULTIBORDER-N-LED-2/21-R-4800, 25-30W
MULTIBORDER-N-LED-2/21-R-6300, 30-40W
MULTIBORDER-N-LED-2/21-R-7200, 40-50W
MULTIBORDER-N-LED-2/21-R-8700, 50-65W
MULTIBORDER-N-LED-2/21-R-12000, 65-75W
BORDER-N-LED-2/21-R-3300-CB, 15-25W
BORDER-N-LED-2/21-R-4800-CB, 25-30W
BORDER-N-LED-2/21-R-6300-CB, 30-40W
BORDER-N-LED-2/21-R-7200-CB, 40-50W
BORDER-N-LED-2/21-R-8700-CB, 50-65W
BORDER-N-LED-2/21-R-12000-CB, 65-75W
BORDER-N-LED-2/21-FROST-R-3300, 15-25W
BORDER-N-LED-2/21-FROST-R-4800, 25-30W
BORDER-N-LED-2/21-FROST-R-6300, 30-40W
BORDER-N-LED-2/21-FROST-R-7200, 40-50W
BORDER-N-LED-2/21-FROST-R-8700, 50-65W
IP66, třída izolace I / class I
FTZÚ 23 ATEX 0038X
ⓂII 3G Ex nR IIC T6 Gc
ⓂII 2D Ex tb op is IIIC T85°C Db

0°C ≤ ta ≤ +45°
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0°C ≤ ta ≤ +45°
0°C ≤ ta ≤ +40°
0°C ≤ ta ≤ +35°
-20°C ≤ ta ≤ +60°
-20°C ≤ ta ≤ +60°
-20°C ≤ ta ≤ +60°
-20°C ≤ ta ≤ +60°
-20°C ≤ ta ≤ +55°
-20°C ≤ ta ≤ +40°
-40°C ≤ ta ≤ +60°
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BORDER-N-LED-2/22-SQ, MULTIBORDER-N-LED-2/22-SQ,
BORDER-N-LED-2/22-SQ-CB, BORDER-N-LED-2/22-FROST-SQ
LED PCB 10W – 80W

BORDER-N-LED-2/22-SQ-3300, 15-25W
BORDER-N-LED-2/22-SQ-4800, 25-30W
BORDER-N-LED-2/22-SQ-6300, 30-40W
BORDER-N-LED-2/22-SQ-7200, 40-50W
BORDER-N-LED-2/22-SQ-8700, 50-65W
BORDER-N-LED-2/22-SQ-12000, 65-75W
MULTIBORDER-N-LED-2/22-SQ-3300, 15-25W
MULTIBORDER-N-LED-2/22-SQ-4800, 25-30W
MULTIBORDER-N-LED-2/22-SQ-6300, 30-40W
MULTIBORDER-N-LED-2/22-SQ-7200, 40-50W
MULTIBORDER-N-LED-2/22-SQ-8700, 50-65W
BORDER-N-LED-2/22-SQ-3300-CB, 15-25W
BORDER-N-LED-2/22-SQ-4800-CB, 25-30W
BORDER-N-LED-2/22-SQ-6300-CB, 30-40W
BORDER-N-LED-2/22-SQ-7200-CB, 40-50W
BORDER-N-LED-2/22-SQ-8700-CB, 50-65W
BORDER-N-LED-2/22-SQ-12000-CB, 65-75W
BORDER-N-LED-2/22-FROST-SQ-3300, 15-25W
BORDER-N-LED-2/22-FROST-SQ-4800, 25-30W
BORDER-N-LED-2/22-FROST-SQ-6300, 30-40W
BORDER-N-LED-2/22-FROST-SQ-7200, 40-50W
BORDER-N-LED-2/22-FROST-SQ-8700, 50-65W
IP66, třída izolace I / class I
FTZÚ 23 ATEX 0039X
ⓂII 3G Ex nR IIC T6 Gc
ⓂII 3D Ex tc IIIC T85°C Dc

-20°C ≤ ta ≤ +60°
-20°C ≤ ta ≤ +60°
-20°C ≤ ta ≤ +60°
-20°C ≤ ta ≤ +60°
-20°C ≤ ta ≤ +60°
-20°C ≤ ta ≤ +45°
0°C ≤ ta ≤ +45°
0°C ≤ ta ≤ +45°
0°C ≤ ta ≤ +40°
0°C ≤ ta ≤ +35°
0°C ≤ ta ≤ +35°
-20°C ≤ ta ≤ +60°
-20°C ≤ ta ≤ +60°
-20°C ≤ ta ≤ +60°
-20°C ≤ ta ≤ +60°
-20°C ≤ ta ≤ +60°
-20°C ≤ ta ≤ +45°
-40°C ≤ ta ≤ +55°
-40°C ≤ ta ≤ +55°
-40°C ≤ ta ≤ +55°
-40°C ≤ ta ≤ +60°
-40°C ≤ ta ≤ +60°

BORDER-N-LED-2/22-R, MULTIBORDER-N-LED-2/22-R,
BORDER-N-LED-2/22-R-CB, BORDER-N-LED-2/22-FROST-R
LED PCB 10W – 80W

BORDER-N-LED-2/22-R-3300, 15-25W
BORDER-N-LED-2/22-R-4800, 25-30W
BORDER-N-LED-2/22-R-6300, 30-40W
BORDER-N-LED-2/22-R-7200, 40-50W
BORDER-N-LED-2/22-R-8700, 50-65W

-20°C ≤ ta ≤ +60°
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-20°C ≤ ta ≤ +60°
-20°C ≤ ta ≤ +60°
-20°C ≤ ta ≤ +55°

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BORDER-N-LED-2/22-R-12000, 65-75W
MULTIBORDER-N-LED-2/22-R-3300, 15-25W
MULTIBORDER-N-LED-2/22-R-4800, 25-30W
MULTIBORDER-N-LED-2/22-R-6300, 30-40W
MULTIBORDER-N-LED-2/22-R-7200, 40-50W
MULTIBORDER-N-LED-2/22-R-8700, 50-65W
MULTIBORDER-N-LED-2/22-R-12000, 65-75W
BORDER-N-LED-2/22-R-3300-CB, 15-25W
BORDER-N-LED-2/22-R-4800-CB, 25-30W
BORDER-N-LED-2/22-R-6300-CB, 30-40W
BORDER-N-LED-2/22-R-7200-CB, 40-50W
BORDER-N-LED-2/22-R-8700-CB, 50-65W
BORDER-N-LED-2/22-R-12000-CB, 65-75W
BORDER-N-LED-2/22-FROST-R-3300, 15-25W
BORDER-N-LED-2/22-FROST-R-4800, 25-30W
BORDER-N-LED-2/22-FROST-R-6300, 30-40W
BORDER-N-LED-2/22-FROST-R-7200, 40-50W
BORDER-N-LED-2/22-FROST-R-8700, 50-65W
P66, třída izolace I / class I
FTZÚ 23 ATEX 0039X
Ⓜ II 3G Ex nR IIC T6 Gc
Ⓜ II 3D Ex tc IIIC T85°C Dc

-20°C ≤ t_a ≤ +40°
0°C ≤ t_a ≤ +45°
0°C ≤ t_a ≤ +45°
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0°C ≤ t_a ≤ +45°
0°C ≤ t_a ≤ +40°
0°C ≤ t_a ≤ +35°
-20°C ≤ t_a ≤ +60°
-20°C ≤ t_a ≤ +60°
-20°C ≤ t_a ≤ +60°
-20°C ≤ t_a ≤ +60°
-20°C ≤ t_a ≤ +55°
-20°C ≤ t_a ≤ +40°
-40°C ≤ t_a ≤ +60°
-40°C ≤ t_a ≤ +60°
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**je ve shodě s následujícími normami:
are in conformity with following standards:**

ČSN EN IEC 60079-0:2018 včetně změn	EN IEC 60079-0:2018 including amendments
ČSN EN 60079-15:2010 včetně změn	EN 60079-15:2010 including amendments
ČSN EN 60079-31:2014	EN 60079-31:2014
ČSN EN 60079-28:2016	EN 60079-28:2016
ČSN EN 60598-1:2015 včetně změn	EN 60598-1:2015 including amendments
ČSN EN 60598-2-1:1997 včetně změn	EN 60598-2-1:1988 including amendments.
ČSN EN 60598-2-2: 2012	EN 60598-2-2: 2012
ČSN EN 60598-2-22:2015 včetně změn	EN 60598-2-22:2014 including amendments
ČSN EN 60598-2-24:2014	EN 60598-2-24:2013
ČSN EN IEC 55015:2020 včetně změn	EN IEC 55015:2019 including amendments
ČSN EN 61547:2010	EN 61547:2009
ČSN EN 62471:2009	EN 62471:2008
ČSN EN IEC 61000-3-2:2019 včetně změn	EN IEC 61000-3-2:2019 including amendments

and following EU-directives:

NV 116/2016 Sb. v platném znění	2014/34/EU including amendments
NV 117/2016 Sb. v platném znění	2014/30/EU including amendments
NV 481/2012 Sb. v platném znění	2011/65/EU including amendments
NV 391/2016 Sb. v platném znění	2015/863/EU including amendments

Oznámení o zabezpečení jakosti FTZÚ 04 ATEX Q016 dle ČSN EN ISO/IEC 80079-34

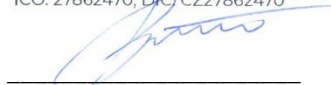
Notifikovaná osoba, která se zúčastnila posuzování shody:
Notified body of the certification:

Fyzikálně technický zkušební ústav s. p., NB 1026, Pikartská 7, 716 07 Ostrava – Radvanice, Česká republika

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IČO: 27862470, DIČ: CZ27862470



Petr Beneš

Vedoucí technického úseku
Head of the technical department

Židněves, 04. 09. 2023

Místo a datum vydání
Place and date of issue