



AC 063

CENTRUM NAUKOWO-BADAWCZE
OCHRONY PRZECIWOŻAROWEJ
im. Józefa Tuliszowskiego
PAŃSTWOWY INSTYTUT BADAWCZY

ul. Nadwiślańska 213, 05-420 Józefów k/Otwocka



CERTIFICATE OF ADMITTANCE

No. 5060/2023

Based on art. 7 paragraph 2 of the Act of 24 August 1991 on fire protection
Centrum Naukowo-Badawcze Ochrony Przeciwpożarowej im. Józefa Tuliszowskiego
Państwowy Instytut Badawczy at the request of:

Hybryd Sp. z o.o.
ul. Sikorskiego 28
44-120 Pyskowice

states that product: **Emergency lighting luminaire type CRYSTAL II, CRYSTAL II SGN**
Varieties of the luminaire are given on pages 2 and 3 of the certificate of admittance.

manufactured by: **Hybryd Sp. z o.o.**
ul. Sikorskiego 28
44-120 Pyskowice

in the manufacturing plant: **Hybryd Sp. z o.o.**
ul. Sikorskiego 28
44-120 Pyskowice

meets the requirements of: **p. 13.2 of annex to the Regulation of the Minister of the Interior and Administration of 20 June 2007 on the list of products used for ensuring public safety or protecting health, life and property, and the principles of issuing admittance to use these products (Polish Journal of Laws: Dz. U. nr 143 poz. 1002; zm.: Dz. U. z 2010 r. nr 85, poz. 553, z 2018 r. poz. 984, z 2022 r. poz. 2282)**

Documentation:

1. Application for the process of product admittance No. 6609/2022 of 08.07.2022.
2. Test report No. B/2023/36/1 of 21.03.2023, No. B/2023/36/2 of 21.03.2023, No. B/2023/36/3 of 21.03.2023, No. B/2023/36/4 of 21.03.2023, No. B/2023/36/5 of 21.03.2023, No. B/2023/36/6 of 21.03.2023, No. B/2023/36/7 of 21.03.2023 prepared by Laboratorium Badawcze i Wzorcujące Zakładu Badań i Atestacji „ZETOM” and test report No. 1217/BA/23 of 01.08.2023 prepared by Zespół Laboratoriów Sygnalizacji Alarmu Pożaru i Automatyki Pożarniczej (BA) CNBOP-PIB.

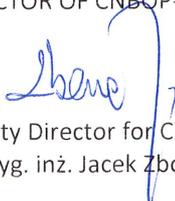
The certificate of admittance is valid under the condition that the applicant fulfils the requirements defined in the agreement No. 5060/DC/CNBOP-PIB/2023.

Validity period of the admittance:

from **07.08.2023**

until **06.08.2028**

DIRECTOR OF CNBOP-PIB

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Deputy Director for Certification and Admittance
st. bryg. inż. Jacek Zboina, D.Sc. Eng.



Józefów: 7 August 2023

*This document was originally translated from Polish to English on 3 November 2025.
In case of conflict between the Polish certificate of admittance and this translation, the Polish document shall be binding.*



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CERTIFICATE OF ADMITTANCE

No. 5060/2023

TECHNICAL DATA IDENTIFYING THE PRODUCT

Emergency lighting luminaire type CRYSTAL II, CRYSTAL II SGN in varieties:

Name	Variant	Optics type	Power of the light source	Execution	Emergency operating time	Operating mode	Range of operating temperatures	Colour temperature	Housing colour	Surface finish	Location of culverts
CRYSTAL II	0000 0001	AP	2W	AT CT	1h 3h 8h**	SM NM	TS TE	CW NW WW	9003 9005 9006	FT GL MA	H V
		AR	3W								
		RP	5W								
		RO	7W								
CRYSTAL II	0000 0001	RPHV	2W 3W 5W 7W	CB CBAM LVAM	X	X	TS TE	CW NW WW	9003 9005 9006	FT GL MA	H V
		LD*									
		AP									
		AR									
CRYSTAL II	2000	RP	4W 6W	AT CT	1h 3h	NM	TS TE	CW NW WW	9003 9005 9006	FT GL MA	H V
		RO									
		RPHV									
		AP									
CRYSTAL II	2000	AR	4W 6W	CB CBAM LVAM	X	X	TS TE	CW NW WW	9003 9005 9006	FT GL MA	H V
		RP									
		RO									
		RPHV									

* only with option 2W and 3W

** only with option 2W

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No. 5060/2023

TECHNICAL DATA IDENTIFYING THE PRODUCT

Emergency lighting luminaire type CRYSTAL II, CRYSTAL II SGN in varieties:

Name	Variant	Dimensions of the safety sign	Execution	Emergency operating time	Operating mode	Range of operating temperatures	Housing colour	Surface finish	Location of culverts	Safety sign
CRYSTAL II SGN	0000	20x10 30x15	AT CT	1h 3h 8h	M NM SM	TS TE	9003 9005 9006	FT GL MA	H V	PI05
	0001									PI06
CRYSTAL II SGN	0000	20x10 30x15	CB CBAM LVAM	X	X	TS TE	9003 9005 9006	FT GL MA	H V	PI15
	0001									PI17
										PI18
										PI21
										PI22
										PI23
										PI24
										PI25
										PI26
										PI27
										PI55
										PI56
										PI05/06
										PI15/17
										PI18/26
										PI21/27
										PI22/23
										PI24/25
										S
										NOP

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CERTIFICATE OF ADMITTANCE No. 5060/2023

TECHNICAL DATA IDENTIFYING THE PRODUCT

Emergency lighting luminaire type EXIT CRYSTAL II, CRYSTAL II SGN

Varieties of the luminaire are given on pages 2 and 3 of the certificate of admittance.

Type	CRYSTAL II, CRYSTAL II SGN	
	Z - central supply (varieties: CB, CBAM, LVAM)	X - self-contained (varieties: AT, CT)
Operation mode:	0 - non-maintained 1 - maintained	0 - non-maintained 1 - maintained
Accessories	E - with non-replaceable lamp(s) G - internally illuminated safety sign (varieties: SGN)	A - including test device B - including remote sleep mode (varieties: CT) C - including lock mode (varieties: CT) E - with a non-replaceable bulb F - automatic test gear complying with IEC 61347-2-7 denoted EL-T G - internally illuminated safety sign (varieties: SGN)
Rated emergency operating time	not applicable (parameter of power systems)	60 - 1 hour of emergency operating time 180 - 3 hours of emergency operating time 480 - 8 hours of emergency operating time
Rated supply voltage	230 V AC 50±60 Hz; 170÷275 V DC (varieties: CB, CBAM) 10±32 V DC (varieties: LVAM)	230 V AC 50±60 Hz
Protection class against electric shock	III (varieties: LVAM)	
Ingress protection rating to dust, solids and water	IP40	
Light source	LED module	
Battery charging time	not applicable (parameter of power systems)	not exceeding 24 h
Battery charging indication	not applicable (function of power systems)	yes – LED light
Adapted to pictograms	yes (varieties: SGN)	
Mounting method	surface, recessed, hanging	
Mounting surface (in accordance with PN-EN 60598-1)	normally flammable surfaces	
Conditions of use (in accordance with PN-EN 60598-1)	for normal use	
Material of housing	metal, plastic	
<i>Self-contained luminaires are intended for automatic testing systems in accordance with the PN-EN 62034:2012 standard.</i>		

ADDITIONAL TERMS AND COMMENTS:

According to § 17 of the Regulation of the Minister of the Interior and Administration of 20 June 2007 on the list of products used for ensuring public safety or protecting health, life and property, and the principles of issuing admittance to use these products (Polish Journal of Laws: Dz. U. nr 143 poz. 1002; zm.; Dz. U. z 2010 r. nr 85, poz. 553, z 2018 r. poz. 984, z 2022 r. poz. 2282) a product should be marked with the marking of the admittance body and also the number of the certificate of admittance.

The following editions of the standards were used in the admittance process:

-PN-EN 60598-2-22:2015-01+AC1:2015-10+AC:2016-07+AC:2016-11+A1:2020-08

-PN-EN IEC 60598-1:2021-07

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