

KSC POLAND Sp. z o.o.

(1) EU-TYPE EXAMINATION CERTIFICATE

(2) **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres
Directive 2014/34/EU**

(3) EU-Type Examination

Certificate No.:

KSCP 25ATEX0029X, Issue: 0

(4) Product:

Linear Light Fixture, PrimeLine-***** series**

(5) Manufacturer:

HARDO Czapski i Wspólnicy Spółka Jawna

(6) Address:

Spacerowa 5, 32-083, Balice, Poland

(7) This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

(8) KSC POLAND Sp. z o.o., Notified Body number 2877, in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential Report No. **KSCP/AR/25/Q00463**

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

**EN IEC 60079-0:2018
EN IEC 60079-7:2015/A1:2018
EN 60079-31:2014**

**EN 60079-1:2014
EN 60079-18: 2015/A1:2017**

(10) If the sign "X" is placed after the certificate number, it indicates that the product is subject to the Specific Conditions of Use specified in the schedule to this certificate.

(11) This EU – Type Examination Certificate relates only to the design and construction of the specified product in accordance to the Directive 2014/34/EU. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

(12) The marking of the product shall include the following:



II 2 G

Ex eb mb IIC T4 Gb or Ex db eb mb IIC T4 Gb



II 2 D

Ex tb IIIC T70°C Db



Katowice, 2nd October, 2025

Signature
in the name of Notified Body



KSC POLAND Sp. z o.o., Products Certification Body, accredited by PCA, No. AC 216

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SCHEDULE

CERTIFICATE No.: KSCP 25ATEX0029X, Issue: 0

(15) Description of Product:

Linear Light Fixture, PrimeLine**_***** series is intended for installation in Zone 1,2 and Zone 21,22 hazardous areas, and is designed to perform both basic and emergency lighting function as efficient LED light source. The equipment enclosure is made from glass fibre reinforced polyester (GRP) body and polycarbonate (PC) diffuser. The diffuser is available in three different versions: transparent, opal and frozen. Depending on the components used, the fixtures have an ingress protection rating of IP66/67 against solid objects and liquids. The enclosure is closed and secured with stainless steel locking clips. Inside the enclosure, there is a lower frame and an upper base made of steel. The lower frame is attached to the GRP body and serves as the mounting location for terminals, an LED driver, a Ni-Cd battery pack, a signaling diode, CBX-M1 and CBY-M1 modules, depending on the configuration of the light fixture. The upper base serves as the fixture's reflector and the mounting location for LED modules. Optionally, the light fixture can be equipped with a separately certified isolating switch that disconnects the power supply to the fixture when the diffuser is opened. The equipment enclosure provides up to two plain entries at each end of GRP body, and external electrical cable is introduced through separately certified M20 or M25 cable glands installed in these entries, unused entries are plugged with separately certified blanking elements. Linear Light Fixture, PrimeLine**_***** series incorporate previously certified Ex components:

Component Description	Manufacturer	Component Name	Ex Mark	Certificate
Driver/power supply for LED modules / DALI / with backup	BAREL AS	HFX LED BG2, HFXE LED BG2	Ex II 2G Ex eb mb IIC Gb	IECEX EXV 22.0018U Issue No: 5 ExVeritas 22ATEX 1237U
Driver/power supply for LED modules	MOONS Electric Ltd.	MU035HxxxAQ	Ex II 2G Ex mb IIC Gb	TPS 23 ATEX 117594 0012U IECEX TPS 21.0008U Issue No: 1



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Driver/power supply for LED Modules	MOONS Electric Ltd.	MU060HxxxAQ	Ex II 2G Ex mb IIC Gb	TPS 23 ATEX 117594 0013U IECEX TPS 21.0011U Issue No: 1
Ex isolator switch for Ex luminaires	Steute	Ex LS 32-10 2S	Ex II 2G Ex db IIC Gb	BVS 12 ATEX E 055 U IECEX BVS 12.0046U Issue No: 3
Power supply terminal WAGO	WAGO Kontakttechnik GmbH&Co. KG	862 Series	Ex II 2G Ex eb IIC Gb	PTB 03 ATEX 1189U IECEX PTB 05.0003U Issue No: 3
Power supply terminal WAGO series 262	WAGO Kontakttechnik GmbH&Co. KG	4-wire power supply terminal WAGO 262	Ex II 2G Ex eb IIC Gb	PTB 98 ATEX 3125U IECEX PTB 04.0004U Issue No: 3
WAGO Series 256 modular connector used in LED modules	WAGO Kontakttechnik GmbH&Co. KG	256 Series	Ex II 2G Ex eb IIC Gb	IECEX PTB 06.0042U Issue No: 4 PTB 06 ATEX 1061 U
VSI – indicator LED	BAREL AS	VSI LED	Ex 2G Ex mb IIC Gb	ExVeritas 19 ATEX 0478 U IECEX EXv 19.0027U Issue No: 5


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Description of model name:

PrimeLine	AA	-	B	X	Y	Z	C	R	K
	60		1	3	1	0	S	O	T
	12		2	5	2	5	B	R	M
			3	7	3		1		O
					4		3		
					5		X		
							Y		
Approximate fixture length:									
60 – 670 mm									
12 – 1270 mm									
LED module type:									
1 – HEX 2356-* LED module – two LED modules for fixture 670, four for fixture 1270, power of a single LED module is about 10 W ^[1]									
2 – HEX 2356-* LED module – two LED modules for fixture 670, four for fixture 1270, power of a single LED module is about 12 W									
3 – HEX 2356-* LED module – two LED modules for fixture 670, four for fixture 1270, power of a single LED module is about 14 W ^[2]									
Wiring:									
3 – terminal 3-pole									
5 – terminal 5-pole									
7 – terminal 7-pole									
Cable glands (quantity):									
1 – one cable gland on one side of the fixture									
2 – one cable gland on each side of the fixture									
3 – two cable glands on one side and one on the other side of the fixture									
4 – two cable glands on each side of the fixture									
5 – two cable glands on one side of the fixture									
Cable glands (size):									
0 – M20									
5 – M25									
Emergency version:									
S – baseline version of the fixture									
B – baseline version of the fixture used to cooperation with central battery without monitoring									
1 – emergency version of the fixture with 1,5 h NiCd maintenance battery ^[3]									
3 – emergency version of the fixture with 3 h NiCd maintenance battery									
X – version of the fixture used to cooperation with central battery with monitoring - with addressing module V-CG-S									
Y – version of the fixture used to cooperation with central battery with monitoring - with addressing module V-CG-SE									
Isolation switch:									
O – without isolation switch									
R – with isolation switch ^[4]									
Diffuser type:									
T – transparent diffuser									
M – frosted diffuser									
O – opal diffuser									
Annotation:									
[1] unavailable version 12-1 *****1/3 (with 1,5 h and 3 h NiCd maintenance battery)									
[2] unavailable version 60-3 *****1/3 (with 1,5 h and 3 h NiCd maintenance battery)									
[3] unavailable version 60-1 *****3 (with 3 h NiCd maintenance battery)									
[4] isolation switch is not available with version **-* *****1/3 (with 1,5 h and 3 h NiCd maintenance battery)									


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Ratings:

Fixture model	Ambient temperature[°C] Ta	Power* [W]	Input voltage range [V]	Safety class	IP Class
PrimeLine 60-1*****S	-40 to +50 -40 to +45 (with opal diffuser) -40 to +55 – option	23,40	Driver Moons MU***** AC 110-240, 50Hz DC 125-240, 0Hz or Driver Barel HFX LED BG2 AC 220-240, 50Hz DC 220-240, 0Hz	I	66/67
PrimeLine 60-2*****S	-40 to +50 -40 to +45 (with opal diffuser) -40 to +55 - option	28,00			
PrimeLine 60-3*****S	-40 do +50 -40 to +45 (with opal diffuser)	32,40			
PrimeLine 60-1*****1	0 do +45 0 to +40 (with opal diffuser) -20 to +40 – option	27,50	Driver Barell HFXE LED BG2 AC 220-240, 50Hz		
PrimeLine 60-2*****1/3	0 do +45 0 to +40 (with opal diffuser) -20 to +40 – option	31,60			
PrimeLine 60-1*****B	-40 to +50 -40 to +45 (with opal diffuser) -40 to +55 - option	23,40	Driver Moons MU***** AC 110-240, 50Hz DC 125-240, 0Hz or Driver Barel HFX LED BG2 AC 220-240, 50Hz DC 220-240, 0Hz		
PrimeLine 60-2*****B	-40 to +50 -40 to +45 (with opal diffuser) -40 to +55 - option	28,00			
PrimeLine 60-3*****B	-40 to +50 -40 to +45 (with opal diffuser)	32,40			
PrimeLine 60-1*****X/Y	-30 to +50 -30 to +45 (with opal diffuser)	24,60	Driver Moons MU*****, Driver Barell HFX LED BG2 AC 220-240, 50Hz DC 220-240, 0Hz		
PrimeLine 60-2*****X/Y	-30 to +50 -30 to +45 (with opal diffuser)	29,40			
PrimeLine 60-3*****X/Y	-30 to +50 -30 to +45 (with opal diffuser)	33,50			
PrimeLine 12-1*****S	-40 to +50 -40 to +45 (with opal diffuser) -40 to +55 - option	43,00	Driver Moons MU***** AC 110-240, 50Hz DC 125-240, 0Hz or Driver Barel HFX LED BG2 AC 220-240, 50Hz DC 220-240, 0Hz		
PrimeLine 12-2*****S	-40 to +50 -40 to +45 (with opal diffuser) -40 to +55 - option	52,50			
PrimeLine 12-3*****S	-40 to +50 -40 to +45 (with opal diffuser)	62,00			



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Fixture model	Ambient temperature[°C] Ta	Power* [W]	Input voltage range [V]	Safety class	IP Class
PrimeLine 12-2*****1/3	0 to +45 0 to +40 (with opal diffuser) -20 to +40 – option	56,50	Driver Barell HFXE LED BG2 AC 220-240, 50Hz		
PrimeLine 12-3*****1	0 to +45 0 to +40 (with opal diffuser) -20 to +40 – option	64,70			
PrimeLine 12-3*****3	0 to +45 0 to +40 (with opal diffuser)	64,70			
PrimeLine 12-1*****B	-40 to +50 -40 to +45 (with opal diffuser) -40 to +55 - option**	43,00	Driver Moons MU***** AC 110-240, 50Hz DC 125-240, 0Hz or		
PrimeLine 12-2*****B	-40 to +50 -40 to +45 (with opal diffuser) -40 to +55 - option	52,50	Driver Barell HFX LED BG2 AC 220-240, 50Hz DC 220-240, 0Hz		
PrimeLine 12-3*****B	-40 to +50 -40 to +45 (with opal diffuser)	62,00			
PrimeLine 12-1****X/Y	-30 to +50 -30 to +45 (with opal diffuser)	44,20	Driver Moons MU***** , Driver Barell HFX LED		
PrimeLine 12-2****X/Y	-30 to +50 -30 to +45 (with opal diffuser)	54,00	BG2 AC 220-240, 50Hz DC 220-240, 0Hz		
PrimeLine 12-3****X/Y	-30 do +50 -30 to +45 (with opal diffuser)	63,50			

(16) Report Number:

– **KSCP/AR/25/Q00463**

(17) Specific Conditions of Use:

- The equipment may generate a risk of electrostatic discharge. Therefore, to minimize the risk from electrostatic discharge, follow guidance provided in the manufacturer's instruction manual.



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- When luminaire incorporate battery pack. The battery pack must not be replaced in hazardous areas (unless the area is shown to be free from hazardous atmosphere). See Operating manual.
- The luminaires shall installed in areas where low mechanical hazards occurs.

(18) Essential Health and Safety Requirements:

Essential Health and Safety Requirements are ensured by conformity with standards listed at item 9 of this certificate.

(19) Drawings and Documents:

- Documentation agreed, provided by manufacturer:

Title:	Drawing No.:	Rev. Level:	Date:
ASSEMBLY DRAWING PrimeLine 60-X [BASIC]	K-27646-PW-9001 (2 sheets)	01	2025. 04
ASSEMBLY DRAWING PrimeLine 60-X [BASIC]	K-27646-PW-9002 (2 sheets)	01	2025. 04
ASSEMBLY DRAWING PrimeLine 60-X [EMERGENCY]	K-27646-PW-9003 (2 sheets)	01	2025. 04
ASSEMBLY DRAWING PrimeLine 60-X [CBX-M1]	K-27646-PW-9004 (2 sheets)	01	2025. 04
ASSEMBLY DRAWING PrimeLine 60-X [CBY-M1]	K-27646-PW-9005 (2 sheets)	01	2025. 04
ASSEMBLY DRAWING PrimeLine 12-X [BASIC]	K-27646-PW-9006 (2 sheets)	01	2025. 04
ASSEMBLY DRAWING PrimeLine 12-X [BASIC]	K-27646-PW-9007 (2 sheets)	01	2025. 04
ASSEMBLY DRAWING PrimeLine 12-X [EMERGENCY]	K-27646-PW-9008 (2 sheets)	01	2025. 04
ASSEMBLY DRAWING PrimeLine 12-X [CBX-M1]	K-27646-PW-9009 (2 sheets)	01	2025. 04
ASSEMBLY DRAWING PrimeLine 12-X [CBY-M1]	K-27646-PW-9010 (2 sheets)	01	2025. 04
GRP BODY WITH GASKET 600	K-27646-PW-0101	00	2024. 04
PC COVER 600	K-27646-PW-0201	01	2025. 04



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GRP BODY WITH GASKET 1200	K-27646-PW-0301	00	2024. 04
PC COVER 1200	K-27646-PW-0401	02	2025. 04
SILIKON FOAM GASKET	K-27646-PW-0501	00	2024. 04
LOCKING CLIP	K-27646-PW-0601	00	2024. 04
Battery pack NiCd 4500mAh/6V HOLDER	K-27646-PW-1801	00	2025. 02
CBX-M1 MODULE	K-27646-PW-1901	03	2025. 07
CBY-M1 MODULE	K-27646-PW-2001	03	2025. 07
ASSEMBLY DRAWING MODULE HEX- 2356-X	K-27646-PW-2101 (7 sheets)	02	2025. 04
WARNING PLATE PRIMELINE	K-27646-PW-2601	00	2025. 01
BATTERY PLATE PRIMELINE	K-27646-PW-2602	00	2025. 01
MAXMUM CURRENT PLATE PRIMELINE	K-27646-PW-2603	00	2025. 01
PRODUCT LABEL PRIMELINE	K-27646-PW-2604	00	2025. 01
CBX-M1, CBY-M1 MODULE PLATE PRIMELINE	K-27646-PW-2605	01	2025. 07
WARNING PLATE FOR EMERGENCY VERSION PRIMELINE	K-27646-PW-2606	00	2025. 01
CBX-M1, CBY-M1 MODULE WIRE MARKING PRIMELINE	K-27646-PW-2607	01	2025. 07
LABEL DESCRIPTION	K-27646-PW-2608	01	2025. 04

– Product instruction:

Title:	Document No.:	Rev. Level:	Date:
USE AND MAINTENANCE INSTRUCTION OF LIGHTING FIXTURE PrimeLine **- *****S/B Series,	K-27646-PW-0005	0.5	18.09.2025
USE AND MAINTENANCE INSTRUCTION OF LIGHTING FIXTURE PrimeLine **- *****1/3 Series,	K-27646-PW-0006	0.5	18.09.2025
USE AND MAINTENANCE INSTRUCTION OF LIGHTING FIXTURE PrimeLine **- *****X/Y Series,	K-27646-PW-0007	0.5	18.09.2025

A detailed list of documents necessary to identify the approved type is included in the Report referred to in point 16 of this certificate.



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(20) Certificate history:

Issue	Issue date	Notes
0	2 nd October, 2025	Initial certification



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