

# LICENCE FOR



ENEC LICENCE REF NO. SE-ENEC-2400805

## Built-in LED module

**Type Designation:** EHP\_\*\*\_\*\*\_\*\*\_\*\*\_\*\*\_\*\*\_\*\*\_\*\*

**Licence Holder:** ELECTRİO ELEKTRONİK ANONİM ŞİRKETİ  
ALTINŞEHİR MAH. NATO YOLU CAD. NO:62-64 İÇ KAPI  
NO. 2 ÜMRANİYE/İSTANBUL  
TÜRKİYE

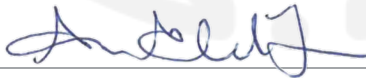
**The product complies with the standard(s):** EN IEC 62031:2020+A11

**Licence holder is authorized to use the mark with the following limitations:** -

**Date of expiry:** 13 August, 2029

Additional information in Appendix

**Certification Body:** Intertek Semko AB, Product Certification **Place:** Kista - Stockholm

**Signed:**  **Date:** 13 August, 2024

Anneli Averland Johansson

**APPENDIX:**  
**ENEC LICENCE REF NO.SE-ENEC-2400805**

**Test Report No.** 2023014211ST

**Technical Data:**

*Type designation* EHP-\*\*-\*\*-\*\*-\*\*-\*\*-\*\*-\*\*  
*Rated voltage (V)* 22.2-24V, 33.4-36V, 48V, 72V, 96V  
*Rated current (A)* 350mA, 700mA  
*Trademark* ELECTRIO  
*Product information* 4000K, Tc:85°C

Model explanation EHP-\*\*-\*\*-\*\*-\*\*-\*\*-\*\*-\*\* :

First asterisk = A  
Second asterisk = B  
Third asterisk = C  
Fourth asterisk = D  
Fifth asterisk = E  
Sixth asterisk = F  
Seventh asterisk = G

\*The first asterisk(A): Dimensions (Length(mm) x Width(mm))

- 228x50
- 225x50
- 223.5x50
- 200x52
- 175x50
- 145x43
- 122x50
- 71x50

\*The second asterisk(B): LED Relation

- 12= 12 Serial
- 21= 12 Parallel
- 26= 2 Parallel x 6 Serial
- 28= 2 Parallel x 8 Serial
- 34= 3 Parallel x 4 Serial
- 40= 4 Serial
- 44= 4 Parallel x 4 Serial
- 16= 16 Serial
- 80= 8 Serial

\* The third asterisk(C): Correlated color temperature (CCT)

- 65= 6500 K
- 57= 5700 K
- 50= 5000 K
- 40= 4000 K
- 35= 3500 K
- 30= 3000 K
- 27= 2700 K
- 22= 2200 K

\*The fourth asterisk(D): Color rendering index (CRI)

- 07= 70 CRI Typical
- 70= 70 CRI Minimum
- 80= 80 CRI Minimum
- 90= 90 CRI Minimum
- 95= 95 CRI Minimum

\*The fifth asterisk(E): Used LED Series

LS50= Lumileds Luxeon 5050 square LES

\*The sixth asterisk(F): Used LED Voltage

- 03= 3V
- 06= 6V
- 09= 9V
- 12= 12V
- 24= 24V
- 30= 30V
- 36= 36V

\*The seventh asterisk(G): Optional

- NTC: Negative Temperature Coefficient used
- Null= No NTC

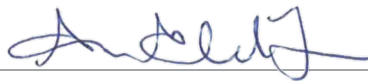
**Manufacturing Sites:**

ELECTRİO ELEKTRONİK ANONİM ŞİRKETİ  
ALTINŞEHİR MAH. NATO YOLU CAD. NO:62-64 İÇ KAPI  
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**Signed:**



**Date:** 13 August, 2024

Anneli Averland Johansson