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# LICENCE

to use the ENEC+ Mark



**Licence No.: 21842**

Under the conditions given in the "Rules concerning the use of the CEBEC mark" complemented by the ENEC+ Agreement under contract 1173/2, the licence to use the ENEC+ Mark in conjunction with the suffix 02, as shown above, has been issued to:

Schröder S.A  
Rue de Lusambo, 67  
1190 Brussels  
Belgium

**For the product:**

Road and street lighting

**Trade name(s):**

SCHREDER

**Type(s)/Model(s):**

IZYLUM 1, IZYLUM 2, IZYLUM 3, IZYLUM 4, IZYLUM 5

**Complying with the following EPRS for performance:**

EPRS 003 2018, EN 62722-1:2016, EN 62722-2-1:2016

**This ENEC+ Licence is only valid in conjunction with:**

**ENEC Licence No.: 21792 issued by:** SGS Belgium NV – Division SGS CEBEC

**Date:** 2020-08-10

**Signature:**

**Name:** Calogero LANA  
**Position:** Certification Manager

This licence has been issued under the presumption and conditional on the fact that the licensee holds all necessary legal rights with regard to the product presented for testing and certification.

### **Characteristics**

|                              |   |                                      |
|------------------------------|---|--------------------------------------|
| Description                  | : | road, square, street, flood lighting |
| Rated voltage (Un)           | : | 220-240 V                            |
| Rated frequency              | : | 50-60 Hz                             |
| Class                        | : | class I                              |
| Colour temperature (CCT)     | : | 2700 K, 3000 K, 4000 K               |
| Colour rendering index (CRI) | : | 70; 80                               |

### **Type IZYLUM 1 :**

|                 |   |                                              |
|-----------------|---|----------------------------------------------|
| Lamp(s)         | : | Max. 20 LED's LH351C                         |
| Rated current   | : | Max 1000 mA (Tq 15°C) / Max 700 mA (Tq 25°C) |
| Rated power     | : | Max. 65W                                     |
| Luminous flux   | : | Max. 7700 lm (Max 1000 mA)                   |
| Efficacy (lm/W) | : | Max. 153 lm/W                                |

### **Type IZYLUM 2 :**

|                 |   |                                             |
|-----------------|---|---------------------------------------------|
| Lamp(s)         | : | Max. 40 LED's LH351C                        |
| Rated current   | : | Max 870 mA (Tq 15°C) / Max 700 mA (Tq 25°C) |
| Rated power     | : | Max. 110W                                   |
| Luminous flux   | : | Max. 14004 lm (Max 870 mA)                  |
| Efficacy (lm/W) | : | Max. 166 lm/W                               |

### **Type IZYLUM 3 :**

|                 |   |                      |
|-----------------|---|----------------------|
| Lamp(s)         | : | Max. 80 LED's LH351C |
| Rated current   | : | Max 700 mA(Tq 25°C)  |
| Rated power     | : | Max. 162W            |
| luminous flux   | : | Max. 22556 lm        |
| Efficacy (lm/W) | : | Max. 171 lm/W        |

**Type IZYLUM 4 :**

|                 |   |                                             |
|-----------------|---|---------------------------------------------|
| Lamp(s)         | : | Max. 120 LED's LH351C                       |
| Rated current   | : | Max 600 mA (Tq 15°C) / Max 500 mA (Tq 25°C) |
| Rated power     | : | Max. 218W                                   |
| Luminous flux   | : | Max. 30019 lm (Max 600 mA)                  |
| Efficacy (lm/W) | : | Max. 170 lm/W                               |

**Type IZYLUM 5 :**

|                 |   |                                             |
|-----------------|---|---------------------------------------------|
| Lamp(s)         | : | Max. 120 LED's LH351C                       |
| Rated current   | : | Max 750 mA (Tq 15°C) / Max 500 mA (Tq 25°C) |
| Rated power     | : | Max. 280W                                   |
| Luminous flux   | : | Max. 35328 lm(Max 750 mA)                   |
| Efficacy (lm/W) | : | Max. 171 lm/W                               |

**Test results :**

the test results are laid down in certification file ref. 630733/11

**Remarks :**

This certificate is based on test report No. **P1580-82\_LH551C\_062020**