



## EU DECLARATION OF CONFORMITY (EU MEGFELELŐSÉGI NYILATKOZAT)

We (Mi):

|   |   |
|---|---|
| Registered office<br>(bejegyzett székhely): | <b>Tungsrám Operations Kft.</b>           |
| Contact address:<br>(kapcsolattartó cím)    | <b>1044 Budapest, Váci út 77. Hungary</b> |

as **manufacturer** declare under our sole responsibility that the product:  
mint **gyártó** teljes felelősségünk tudatában kijelentjük, hogy a:

Product family (Termékcsoport):

LED Edgelit Panel, 36W, UGR21, UGR19, 220-240ACV, 50/60Hz

Product identification (Termék megjelölése): **Listed in Appendix** (mellékletben felsorolva)

Manufactured in (Gyártóhely): China

to which this declaration relates, hereinafter product is in conformity with the following harmonized standard(s) references of which have been published in the Official Journal of the European Union and/or other relevant technical specifications :  
amelyre ez a nyilatkozat vonatkozik, megfelel a következő harmonizált szabványoknak, amelyek hivatkozásait közzétették az Európai Unió Hivatalos Lapjában és/vagy egyéb vonatkozó műszaki előírásoknak:

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### ELECTRICAL AND PHOTOBIOLOGICAL SAFETY

| Standard No/Specification              | Title  |
|--|--|
| EN 60598-1:2015                        | Luminaires - Part 1: General requirements and tests  |
| EN 60598-2-2:2012<br>EN 60598-2-1:1989 | Luminaires - Part 2: Particular requirements – Recessed luminaires<br>Luminaires - Part 2: Particular requirements Section one– Fixed general purpose luminaires |
| EN 62493:2010<br>EN 62493:2015         | Assessment of lighting equipment related to human exposure to electromagnetic fields   |

therefore it complies with the provisions of the following EU Directive (ezáltal biztosítva a következő EU irányelvnek való megfelelést)

**Directive 2014/35/EU.**

### ELECTROMAGNETIC COMPATIBILITY

| Standard No/Specification | Title   |
|---------------------------|---|
| EN 55015:2013+A1:2015     | Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment   |
| EN 61000-3-2:2014         | Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current $\leq 16$ A per phase)  |
| EN 61000-3-3:2013         | Electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current $\leq 16$ A per phase and not subject to conditional connection |
| EN 61547:2009             | Equipment for general lighting purposes - EMC immunity requirements.  |

therefore it complies with the provisions of the following EU Directive (ezáltal biztosítva a következő EU irányelvnek való megfelelést)

**Directive 2014/30/EU.**



## EU DECLARATION OF CONFORMITY (EU MEGFELELŐSÉGI NYILATKOZAT)

### ECODESIGN

The product complies with the provisions of the following EU Directive/Regulation  
(A termék megfelel a következő EU irányelvnek/rendeletnek)

**Directive 2009/125/EC** and its implementing Regulation **1194/2012/EU** including all applicable amendments.

Kovács Zsolt (signature)

Kovács Zsolt (name)

Technológia (Title)

2019-02-28 (date) (YYYY-MM-DD)

Hungary (Country)

Arbó Gábor (signature)

Arbó Gábor (name)

PM (Title)

2019-02-28 (date) (YYYY-MM-DD)

Hungary (Country)



## EU DECLARATION OF CONFORMITY (EU MEGFELELŐSÉGI NYILATKOZAT)

### Appendix (Melléklet)

Brand / Márkanév: GE (g)

| Internal Code                  | Supplier code | Fixture Type size   | Space holder | System W | CCT       | Space holder | Voltage      | Controller        | Driver     | Space holder | Special     | Business     | Space holder | aa         |
|--------------------------------|---------------|---------------------|--------------|----------|-----------|--------------|--------------|-------------------|------------|--------------|-------------|--------------|--------------|------------|
| EN= Edgelit No backplate panel | Y=            | xx                  | -            | 21       | YY        | -            | 0 = 120-277V | A = 0-10V Dimming | R = remote | -            | 21 = UGR 21 | L = Lighting | -            | DS         |
|                                |               | 22 = 2'x2'=595x595  |              | 30       | 27= 2700K |              | 7 = 220-240V | D = Dall          |            |              | 19 = UGR 19 |              |              | FR DS      |
|                                |               | 14 = 1'x4'=295x1195 |              | 32       | 30= 3000K |              | 1 = 200-240V | S = Static        |            |              |             |              |              | R9003      |
|                                |               | 24 = 2'x4'=595x1195 |              | 38       | 35= 3500K |              | 2=100-240V   | EM =emergency     |            |              |             |              |              | DS TR 2PCS |
|                                |               | 21=2'x1'=595x295    |              | 44       | 40= 4000K |              |              |                   |            |              |             |              |              | DS 2PCS    |
|                                |               | 22x=620x620         |              | 50       | 50= 5000K |              |              |                   |            |              |             |              |              | 2PCS       |
|                                |               | 22F=Large Frame     |              | 60       | 55= 5500K |              |              |                   |            |              |             |              |              | EU 2PCS    |
|                                |               | 22L=597x597         |              | 47       | 60= 6000K |              |              |                   |            |              |             |              |              | DS EU 2PCS |
|                                |               | 14L=297x1197        |              | 45       | 62= 6200K |              |              |                   |            |              |             |              |              | FR 2PCS    |
|                                |               |                     |              | 22       | 65= 6500K |              |              |                   |            |              |             |              |              | DS FR 2PCS |
|                                |               |                     |              | 24       |           |              |              |                   |            |              |             |              |              |            |
|                                |               |                     |              | 26       |           |              |              |                   |            |              |             |              |              |            |
|                                |               |                     |              | 28       |           |              |              |                   |            |              |             |              |              |            |
|                                |               |                     |              | 33       |           |              |              |                   |            |              |             |              |              |            |
|                                |               |                     |              | 35       |           |              |              |                   |            |              |             |              |              |            |
|                                |               |                     |              | 37       |           |              |              |                   |            |              |             |              |              |            |
|                                |               |                     |              | 39       |           |              |              |                   |            |              |             |              |              |            |
|                                |               |                     |              | 41       |           |              |              |                   |            |              |             |              |              |            |



## EU DECLARATION OF CONFORMITY (EU MEGFELELŐSÉGI NYILATKOZAT)

Brand / Márkanév: TUNGSRAM

| Internal Code                                | Space holder | Range     | Generati on       | Space holder | Brand         | Space holder | Fixture size       | Space holder | Control    | Space holder | System W | Space holder | CRI  | CCT       | Space holder | UGR         | Space holder | Shipment / other                              | Pack type         |
|--|--------------|-----------|-------------------|--------------|---------------|--------------|--------------------|--------------|------------|--------------|----------|--------------|------|-----------|--------------|-------------|--------------|---|-------------------|
| LED Panel                                    |              | S = Start | 2 = Generati on 2 |              | TU = TUNGSRAM |              | 2x2 = 595x595 mm   |              | D = DALI   |              | 21W      |              | 8=80 | 27= 2700K |              | 21 = UGR21  |              | DS = Direct Shipment                          | /2 = 2PCS per box |
|  |              |           | X = Generati on x |              | xx            |              | 1x4 = 295x1195 mm  |              | S = STATIC |              | 30W      |              | 9=90 | 30= 3000K |              | 19 = <UGR19 |              | FR = Safety Kit included                      |                   |
|  |              |           |                   |              |               |              | 2x4 = 595x1195 mm  |              |            |              | 32W      |              | 7=70 | 35= 3500K |              |             |              | FRDS = Direct Shipment + Safety Kit included  |                   |
|  |              |           |                   |              |               |              | 2x1 = 595x295 mm   |              |            |              | 38W      |              |      | 40= 4000K |              |             |              | TR = Turkey                                   |                   |
|  |              |           |                   |              |               |              | 2x2X = 620x620 mm  |              |            |              | 44W      |              |      | 50= 5000K |              |             |              | TRDS = Turkey Direct Shipment                 |                   |
|  |              |           |                   |              |               |              | 2x2L = 597x597 mm  |              |            |              | 50W      |              |      | 55= 5500K |              |             |              | EU = Connector                                |                   |
|  |              |           |                   |              |               |              | 1x4L = 297x1197 mm |              |            |              | 60W      |              |      | 60= 6000K |              |             |              | EUDS = Connector + Direct Shipment            |                   |
|  |              |           |                   |              |               |              |                    |              |            |              | 47W      |              |      | 62= 6200K |              |             |              | 9003 = Frame color RAL9003                    |                   |
|  |              |           |                   |              |               |              |                    |              |            |              | 45W      |              |      | 65= 6500K |              |             |              | EM = Integrated Emergency                     |                   |
|  |              |           |                   |              |               |              |                    |              |            |              | 22W      |              |      |           |              |             |              | DSEM = Integrated Emergency + Direct Shipment |                   |
|  |              |           |                   |              |               |              |                    |              |            |              | 24W      |              |      |           |              |             |              | IP65 = IP65 rating                            |                   |
|  |              |           |                   |              |               |              |                    |              |            |              | 26W      |              |      |           |              |             |              | IP54 = IP54 rating                            |                   |
|  |              |           |                   |              |               |              |                    |              |            |              | 28W      |              |      |           |              |             |              | HO = High output version                      |                   |
|  |              |           |                   |              |               |              |                    |              |            |              | 33W      |              |      |           |              |             |              |   |                   |
|  |              |           |                   |              |               |              |                    |              |            |              | 35W      |              |      |           |              |             |              |   |                   |
|  |              |           |                   |              |               |              |                    |              |            |              | 37W      |              |      |           |              |             |              |   |                   |
|  |              |           |                   |              |               |              |                    |              |            |              | 39W      |              |      |           |              |             |              |   |                   |
|  |              |           |                   |              |               |              |                    |              |            |              | 41W      |              |      |           |              |             |              |   |                   |
|  |              |           |                   |              |               |              |                    |              |            |              | 43W      |              |      |           |              |             |              |   |                   |
|  |              |           |                   |              |               |              |                    |              |            |              | 45W      |              |      |           |              |             |              |   |                   |
|  |              |           |                   |              |               |              |                    |              |            |              | 47W      |              |      |           |              |             |              |   |                   |
|  |              |           |                   |              |               |              |                    |              |            |              | 18W      |              |      |           |              |             |              |   |                   |
|  |              |           |                   |              |               |              |                    |              |            |              | 36W      |              |      |           |              |             |              |   |                   |
|  |              |           |                   |              |               |              |                    |              |            |              | 56W      |              |      |           |              |             |              |   |                   |
|  |              |           |                   |              |               |              |                    |              |            |              | 40W      |              |      |           |              |             |              |   |                   |
|  |              |           |                   |              |               |              |                    |              |            |              | 59W      |              |      |           |              |             |              |   |                   |
| <b>LED Panel S2 TU 2x2 S 36W 830 19 FR/2</b> |              |           |                   |              |               |              |                    |              |            |              |          |              |      |           |              |             |              |   |                   |

