



## LCA CRITICAL REVIEW STATEMENT

Riesame critico di uno studio di LCA in conformità  
alle norme ISO 14040:2006 e ISO 14044:2006

|   |   |
|---|---|
| <b>Soggetto che ha commissionato lo studio LCA:</b>   | iGuzzini Illuminazione S.p.A.   |
| <b>Indirizzo:</b>   | via Mariano Guzzini 37, 62019 Recanati MC   |
| <b>Studio di LCA realizzato da:</b>   | NIER  |
| <b>Riesame condotto sulla base del rapporto sullo studio di LCA eseguito da:</b>  | Francesco Baldoni (verificatore)<br>Vincenzo Miceli (riesame tecnico)   |
| <b>Norma di riferimento per l'effettuazione dello studio di LCA:</b>  | UNI EN ISO 14040<br>UNI EN ISO 14044  |
| <b>Descrizione del prodotto:</b>  | 3 corpi illuminanti stradali a LED della gamma Street: EW04 (Street grande), EW05 (Street grande), EQ28 (Street medio) rappresentativi dei prodotti riportati nell'Allegato I della presente critical review. |
| <b>PCR di riferimento:</b>  | PCR Guidance-Texts for Building-Related Products and Services. Part B: requirements on the EPD for luminaires, lamps and components for luminaires  |
| <b>Scopo studio LCA ed applicazione previste:</b>   | Verificare la correttezza dei dati utilizzati nello studio di LCA e dei risultati dello studio  |
| <b>Destinatari dello studio</b>   | Manager e tecnici interni iGuzzini Illuminazione e tecnici di stazioni appaltanti   |
| <b>Lo studio è destinato ad essere utilizzato per sostenere asserzioni comparative destinate alla divulgazione al pubblico?</b> | Si<br><input checked="" type="checkbox"/> No  |
| <b>Documento sottoposto a valutazione:</b>  | Report LCA di corpi illuminanti a LED per illuminazione stradale (Doc. def. 11/02/2021)   |

### Metodologia

Questo riesame si basa sul rapporto redatto dal responsabile di verifica Francesco Baldoni a seguito dell'audit condotto presso l'azienda nei giorni: 10 febbraio 2021.

In occasione del riesame non sono emerse evidenze che:

- A) il metodo utilizzato per condurre la LCA non sia congruente con le norme ISO 14040:2006 e ISO 14044:2006;
- B) il metodo utilizzato per condurre la LCA non sia corretto sul piano tecnico e scientifico;
- C) i dati utilizzati non siano sostanzialmente appropriati e ragionevoli in relazione all'obiettivo dello



- studio a meno delle raccomandazioni sotto riportate;
- D) l'interpretazione contenga limitazioni dello studio, in relazione all'obiettivo
  - E) il rapporto dello studio LCA non sia completo e trasparente

### **Valutazione di conformità**

È possibile affermare che lo studio di LCA è stato condotto in coerenza con le indicazioni delle norme tecniche indicate.

**Firma Local Technical Manager:**

Data: 02 marzo 2021

IT304468



## ALLEGATO ALLA LCA CRITICAL REVIEW STATEMENT

### iGuzzini Illuminazione S.p.A.

#### Codici prodotto famiglia Street

Di seguito sono riportati i codici prodotto contenuti nella famiglia Street e le rispettive caratteristiche tecniche.

| Modello | Lunghezza | Larghezza | Current(mA) | Controlling gear    | IP | Class    | System power | LED source power | Manufacturer | Model  | Temperatura colore | CRI | Sigla_optica | IK   |
|---------|-----------|-----------|-------------|---------------------|----|----------|--------------|------------------|--------------|--------|--------------------|-----|--------------|------|
| EQ19    | 529       | 268       | 142mA       | Middle of the night | 67 | Class II | 16,6W        | 12X1,17W         | Samsung      | LH181B | 3000               | 70  | ST1          | IK09 |
| EQ20    | 529       | 268       | 196mA       | Middle of the night | 67 | Class II | 22,3W        | 12X1,58W         | Samsung      | LH181B | 3000               | 70  | ST1          | IK09 |
| EQ21    | 529       | 268       | 239mA       | Middle of the night | 67 | Class II | 26,9W        | 12X2W            | Samsung      | LH181B | 3000               | 70  | ST1          | IK09 |
| EQ22    | 529       | 268       | 172,25mA    | Middle of the night | 67 | Class II | 29,5W        | 14X1,86W         | Samsung      | LH181B | 3000               | 70  | ST1          | IK09 |
| EQ23    | 529       | 268       | 225,75mA    | Middle of the night | 67 | Class II | 38,7W        | 14X2,5W          | Samsung      | LH181B | 3000               | 70  | ST1          | IK09 |
| EQ24    | 529       | 268       | 191mA       | Middle of the night | 67 | Class II | 47,6W        | 28X1,54W         | Samsung      | LH181B | 3000               | 70  | ST1          | IK09 |
| EQ25    | 529       | 268       | 241mA       | Middle of the night | 67 | Class II | 59,9W        | 28X1,96W         | Samsung      | LH181B | 3000               | 70  | ST1          | IK09 |
| EQ26    | 529       | 268       | 265mA       | Middle of the night | 67 | Class II | 66W          | 28X2,18W         | Samsung      | LH181B | 3000               | 70  | ST1          | IK09 |
| EQ27    | 529       | 268       | 330mA       | Middle of the night | 67 | Class II | 83,4W        | 42X1,83W         | Samsung      | LH181B | 3000               | 70  | ST1          | IK09 |
| EQ28    | 529       | 268       | 350mA       | Middle of the night | 67 | Class II | 88,4W        | 42X1,95W         | Samsung      | LH181B | 3000               | 70  | ST1          | IK09 |
| EQ29    | 529       | 268       | 133mA       | Middle of the night | 67 | Class II | 15,7W        | 12X1,08W         | Samsung      | LH181B | 4000               | 70  | ST1          | IK09 |
| EQ30    | 529       | 268       | 183,33mA    | Middle of the night | 67 | Class II | 21,1W        | 12X1,5W          | Samsung      | LH181B | 4000               | 70  | ST1          | IK09 |
| EQ31    | 529       | 268       | 223mA       | Middle of the night | 67 | Class II | 25,2W        | 12X1,83W         | Samsung      | LH181B | 4000               | 70  | ST1          | IK09 |
| EQ32    | 529       | 268       | 161,5mA     | Middle of the night | 67 | Class II | 27,8W        | 14X1,79W         | Samsung      | LH181B | 4000               | 70  | ST1          | IK09 |
| EQ33    | 529       | 268       | 211mA       | Middle of the night | 67 | Class II | 36,2W        | 14X2,29W         | Samsung      | LH181B | 4000               | 70  | ST1          | IK09 |
| EQ34    | 529       | 268       | 178,67mA    | Middle of the night | 67 | Class II | 44,7W        | 28X1,46W         | Samsung      | LH181B | 4000               | 70  | ST1          | IK09 |
| EQ35    | 529       | 268       | 224,67mA    | Middle of the night | 67 | Class II | 55,9W        | 28X1,82W         | Samsung      | LH181B | 4000               | 70  | ST1          | IK09 |
| EQ36    | 529       | 268       | 265mA       | Middle of the night | 67 | Class II | 66,1W        | 28X2,18W         | Samsung      | LH181B | 4000               | 70  | ST1          | IK09 |
| EQ37    | 529       | 268       | 308,5mA     | Middle of the night | 67 | Class II | 78,1W        | 42X1,71W         | Samsung      | LH181B | 4000               | 70  | ST1          | IK09 |
| EQ38    | 529       | 268       | 350mA       | Middle of the night | 67 | Class II | 88,4W        | 42X1,95W         | Samsung      | LH181B | 4000               | 70  | ST1          | IK09 |
| EQ39    | 529       | 268       | 239mA       | Middle of the night | 67 | Class II | 26,9W        | 12X2W            | Samsung      | LH181B | 3000               | 70  | ST1.2        | IK09 |
| EQ40    | 529       | 268       | 225,75mA    | Middle of the night | 67 | Class II | 38,7W        | 14X2,5W          | Samsung      | LH181B | 3000               | 70  | ST1.2        | IK09 |
| EQ41    | 529       | 268       | 241mA       | Middle of the night | 67 | Class II | 59,9W        | 28X1,96W         | Samsung      | LH181B | 3000               | 70  | ST1.2        | IK09 |



|      |     |     |          |                     |    |          |       |          |         |        |      |    |        |      |
|------|-----|-----|----------|---------------------|----|----------|-------|----------|---------|--------|------|----|--------|------|
| EQ42 | 529 | 268 | 350mA    | Middle of the night | 67 | Class II | 88,4W | 42X1,95W | Samsung | LH181B | 3000 | 70 | ST1.2  | IK09 |
| EQ43 | 529 | 268 | 223mA    | Middle of the night | 67 | Class II | 25,2W | 12X1,83W | Samsung | LH181B | 4000 | 70 | ST1.2  | IK09 |
| EQ44 | 529 | 268 | 211mA    | Middle of the night | 67 | Class II | 36,2W | 14X2,29W | Samsung | LH181B | 4000 | 70 | ST1.2  | IK09 |
| EQ45 | 529 | 268 | 224,67mA | Middle of the night | 67 | Class II | 55,9W | 28X1,82W | Samsung | LH181B | 4000 | 70 | ST1.2  | IK09 |
| EQ46 | 529 | 268 | 350mA    | Middle of the night | 67 | Class II | 88,4W | 42X1,95W | Samsung | LH181B | 4000 | 70 | ST1.2  | IK09 |
| EQ47 | 529 | 268 | 239mA    | Middle of the night | 67 | Class II | 26,9W | 12X2W    | Samsung | LH181B | 3000 | 70 | ST1.5  | IK09 |
| EQ48 | 529 | 268 | 225,75mA | Middle of the night | 67 | Class II | 38,7W | 14X2,5W  | Samsung | LH181B | 3000 | 70 | ST1.5  | IK09 |
| EQ49 | 529 | 268 | 241mA    | Middle of the night | 67 | Class II | 59,9W | 28X1,96W | Samsung | LH181B | 3000 | 70 | ST1.5  | IK09 |
| EQ50 | 529 | 268 | 350mA    | Middle of the night | 67 | Class II | 88,4W | 42X1,95W | Samsung | LH181B | 3000 | 70 | ST1.5  | IK09 |
| EQ51 | 529 | 268 | 223mA    | Middle of the night | 67 | Class II | 25,2W | 12X1,83W | Samsung | LH181B | 4000 | 70 | ST1.5  | IK09 |
| EQ52 | 529 | 268 | 211mA    | Middle of the night | 67 | Class II | 36,2W | 14X2,29W | Samsung | LH181B | 4000 | 70 | ST1.5  | IK09 |
| EQ53 | 529 | 268 | 224,67mA | Middle of the night | 67 | Class II | 55,9W | 28X1,82W | Samsung | LH181B | 4000 | 70 | ST1.5  | IK09 |
| EQ54 | 529 | 268 | 350mA    | Middle of the night | 67 | Class II | 88,4W | 42X1,95W | Samsung | LH181B | 4000 | 70 | ST1.5  | IK09 |
| EQ55 | 529 | 268 | 225,75mA | Middle of the night | 67 | Class II | 38,7W | 14X2,5W  | Samsung | LH181B | 3000 | 70 | A60    | IK09 |
| EQ56 | 529 | 268 | 241mA    | Middle of the night | 67 | Class II | 59,9W | 28X1,96W | Samsung | LH181B | 3000 | 70 | A60    | IK09 |
| EQ57 | 529 | 268 | 350mA    | Middle of the night | 67 | Class II | 88,4W | 42X1,95W | Samsung | LH181B | 3000 | 70 | A60    | IK09 |
| EQ58 | 529 | 268 | 211mA    | Middle of the night | 67 | Class II | 36,2W | 14X2,29W | Samsung | LH181B | 4000 | 70 | A60    | IK09 |
| EQ59 | 529 | 268 | 224,67mA | Middle of the night | 67 | Class II | 55,9W | 28X1,82W | Samsung | LH181B | 4000 | 70 | A60    | IK09 |
| EQ60 | 529 | 268 | 350mA    | Middle of the night | 67 | Class II | 88,4W | 42X1,95W | Samsung | LH181B | 4000 | 70 | A60    | IK09 |
| EQ61 | 529 | 268 | 239mA    | Middle of the night | 67 | Class II | 26,9W | 12X2W    | Samsung | LH181B | 3000 | 70 | STC0.5 | IK09 |
| EQ62 | 529 | 268 | 223mA    | Middle of the night | 67 | Class II | 25,2W | 12X1,83W | Samsung | LH181B | 4000 | 70 | STC0.5 | IK09 |
| EQ63 | 529 | 268 | 239mA    | Middle of the night | 67 | Class II | 26,9W | 12X2W    | Samsung | LH181B | 3000 | 70 | STF1   | IK09 |
| EQ64 | 529 | 268 | 225,75mA | Middle of the night | 67 | Class II | 38,7W | 14X2,5W  | Samsung | LH181B | 3000 | 70 | STF1   | IK09 |
| EQ65 | 529 | 268 | 241mA    | Middle of the night | 67 | Class II | 59,9W | 28X1,96W | Samsung | LH181B | 3000 | 70 | STF1   | IK09 |
| EQ66 | 529 | 268 | 223mA    | Middle of the night | 67 | Class II | 25,2W | 12X1,83W | Samsung | LH181B | 4000 | 70 | STF1   | IK09 |
| EQ67 | 529 | 268 | 211mA    | Middle of the night | 67 | Class II | 36,2W | 14X2,29W | Samsung | LH181B | 4000 | 70 | STF1   | IK09 |
| EQ68 | 529 | 268 | 224,67mA | Middle of the night | 67 | Class II | 55,9W | 28X1,82W | Samsung | LH181B | 4000 | 70 | STF1   | IK09 |
| EW18 | 529 | 268 | 142mA    | Middle of the night | 67 | Class II | 16,6W | 12X1,17W | Samsung | LH181B | 3000 | 70 | ST1    | IK09 |
| EW19 | 529 | 268 | 239mA    | Middle of the night | 67 | Class II | 26,7W | 12X1,92W | Samsung | LH181B | 3000 | 70 | ST1    | IK09 |
| EW20 | 529 | 268 | 225,75mA | Middle of the night | 67 | Class II | 38,5W | 14X2,43W | Samsung | LH181B | 3000 | 70 | ST1    | IK09 |
| EW21 | 529 | 268 | 241mA    | Middle of the night | 67 | Class II | 59,6W | 28X1,96W | Samsung | LH181B | 3000 | 70 | ST1    | IK09 |
| EW22 | 529 | 268 | 350mA    | Middle of the night | 67 | Class II | 88,8W | 42X1,95W | Samsung | LH181B | 3000 | 70 | ST1    | IK09 |
| EW23 | 529 | 268 | 133mA    | Middle of the night | 67 | Class II | 15,6W | 12X1,08W | Samsung | LH181B | 4000 | 70 | ST1    | IK09 |
| EW24 | 529 | 268 | 223mA    | Middle of the night | 67 | Class II | 25,1W | 12X1,83W | Samsung | LH181B | 4000 | 70 | ST1    | IK09 |
| EW25 | 529 | 268 | 211mA    | Middle of the night | 67 | Class II | 36W   | 14X2,29W | Samsung | LH181B | 4000 | 70 | ST1    | IK09 |



|      |     |     |          |                     |       |          |        |          |         |        |      |    |       |      |
|------|-----|-----|----------|---------------------|-------|----------|--------|----------|---------|--------|------|----|-------|------|
| EW26 | 529 | 268 | 224,67mA | Middle of the night | 67    | Class II | 55,4W  | 28X1,82W | Samsung | LH181B | 4000 | 70 | ST1   | IK09 |
| EW27 | 529 | 268 | 350mA    | Middle of the night | 67    | Class II | 88,8W  | 42X1,95W | Samsung | LH181B | 4000 | 70 | ST1   | IK09 |
| EW28 | 529 | 268 | 239mA    | Middle of the night | 67    | Class II | 26,7W  | 12X1,92W | Samsung | LH181B | 3000 | 70 | ST1.5 | IK09 |
| EW29 | 529 | 268 | 225,75mA | Middle of the night | 67    | Class II | 38,5W  | 14X2,43W | Samsung | LH181B | 3000 | 70 | ST1.5 | IK09 |
| EW30 | 529 | 268 | 241mA    | Middle of the night | 67    | Class II | 59,6W  | 28X1,96W | Samsung | LH181B | 3000 | 70 | ST1.5 | IK09 |
| EW31 | 529 | 268 | 350mA    | Middle of the night | 67    | Class II | 88,8W  | 42X1,95W | Samsung | LH181B | 3000 | 70 | ST1.5 | IK09 |
| EW32 | 529 | 268 | 223mA    | Middle of the night | 67    | Class II | 25,1W  | 12X1,83W | Samsung | LH181B | 4000 | 70 | ST1.5 | IK09 |
| EW33 | 529 | 268 | 211mA    | Middle of the night | 67    | Class II | 36W    | 14X2,29W | Samsung | LH181B | 4000 | 70 | ST1.5 | IK09 |
| EW34 | 529 | 268 | 224,67mA | Middle of the night | 67    | Class II | 55,4W  | 28X1,82W | Samsung | LH181B | 4000 | 70 | ST1.5 | IK09 |
| EW35 | 529 | 268 | 350mA    | Middle of the night | 67    | Class II | 88,8W  | 42X1,95W | Samsung | LH181B | 4000 | 70 | ST1.5 | IK09 |
| EW36 | 529 | 268 | 225,75mA | Middle of the night | 67    | Class II | 38,5W  | 14X2,43W | Samsung | LH181B | 3000 | 70 | A60   | IK09 |
| EW37 | 529 | 268 | 241mA    | Middle of the night | 67    | Class II | 59,6W  | 28X1,96W | Samsung | LH181B | 3000 | 70 | A60   | IK09 |
| EW38 | 529 | 268 | 350mA    | Middle of the night | 67    | Class II | 88,8W  | 42X1,95W | Samsung | LH181B | 3000 | 70 | A60   | IK09 |
| EW39 | 529 | 268 | 211mA    | Middle of the night | 67    | Class II | 36W    | 14X2,29W | Samsung | LH181B | 4000 | 70 | A60   | IK09 |
| EW40 | 529 | 268 | 224,67mA | Middle of the night | 67    | Class II | 55,4W  | 28X1,82W | Samsung | LH181B | 4000 | 70 | A60   | IK09 |
| EW41 | 529 | 268 | 350mA    | Middle of the night | 67    | Class II | 88,8W  | 42X1,95W | Samsung | LH181B | 4000 | 70 | A60   | IK09 |
| EW42 | 529 | 268 | 239mA    | Middle of the night | 67    | Class II | 26,7W  | 12X1,92W | Samsung | LH181B | 3000 | 70 | STF1  | IK09 |
| EW43 | 529 | 268 | 225,75mA | Middle of the night | 67    | Class II | 38,5W  | 14X2,43W | Samsung | LH181B | 3000 | 70 | STF1  | IK09 |
| EW44 | 529 | 268 | 241mA    | Middle of the night | 67    | Class II | 59,6W  | 28X1,96W | Samsung | LH181B | 3000 | 70 | STF1  | IK09 |
| EW45 | 529 | 268 | 223mA    | Middle of the night | 67    | Class II | 25,1W  | 12X1,83W | Samsung | LH181B | 4000 | 70 | STF1  | IK09 |
| EW46 | 529 | 268 | 211mA    | Middle of the night | 67    | Class II | 36W    | 14X2,29W | Samsung | LH181B | 4000 | 70 | STF1  | IK09 |
| EW47 | 529 | 268 | 224,67mA | Middle of the night | 67    | Class II | 55,4W  | 28X1,82W | Samsung | LH181B | 4000 | 70 | STF1  | IK09 |
| EW82 | 529 | 268 | 225,75mA | DALI - NEMA         | 67/65 | Class II | 38,7W  | 14X2,5W  | Samsung | LH181B | 3000 | 70 | ST1   | IK09 |
| EW83 | 529 | 268 | 241mA    | DALI - NEMA         | 67/65 | Class II | 59,9W  | 28X1,96W | Samsung | LH181B | 3000 | 70 | ST1   | IK09 |
| EW84 | 529 | 268 | 265mA    | DALI - NEMA         | 67/65 | Class II | 66W    | 28X2,18W | Samsung | LH181B | 3000 | 70 | ST1   | IK09 |
| EW88 | 529 | 268 | 211mA    | DALI - NEMA         | 67/65 | Class II | 36,2W  | 14X2,29W | Samsung | LH181B | 4000 | 70 | ST1   | IK09 |
| EW89 | 529 | 268 | 224,67mA | DALI - NEMA         | 67/65 | Class II | 55,9W  | 28X1,82W | Samsung | LH181B | 4000 | 70 | ST1   | IK09 |
| EW90 | 529 | 268 | 265mA    | DALI - NEMA         | 67/65 | Class II | 66,1W  | 28X2,18W | Samsung | LH181B | 4000 | 70 | ST1   | IK09 |
| EW02 | 644 | 328 | 262,5mA  | Middle of the night | 67    | Class II | 110,4W | 72X1,43W | Samsung | LH181B | 3000 | 70 | ST1   | IK09 |
| EW03 | 644 | 328 | 262,5mA  | Middle of the night | 67    | Class II | 130W   | 84X1,43W | Samsung | LH181B | 3000 | 70 | ST1   | IK09 |
| EW04 | 644 | 328 | 350mA    | Middle of the night | 67    | Class II | 176,6W | 42X3,9W  | Samsung | LH181B | 3000 | 70 | ST1   | IK09 |
| EW05 | 644 | 328 | 246mA    | Middle of the night | 67    | Class II | 103,8W | 72X1,35W | Samsung | LH181B | 4000 | 70 | ST1   | IK09 |
| EW06 | 644 | 328 | 256mA    | Middle of the night | 67    | Class II | 126,8W | 84X1,39W | Samsung | LH181B | 4000 | 70 | ST1   | IK09 |
| EW07 | 644 | 328 | 350mA    | Middle of the night | 67    | Class II | 176,6W | 42X3,9W  | Samsung | LH181B | 4000 | 70 | ST1   | IK09 |
| EW08 | 644 | 328 | 262,5mA  | Middle of the night | 67    | Class II | 110,4W | 72X1,43W | Samsung | LH181B | 3000 | 70 | ST1.2 | IK09 |



|      |     |     |         |                     |       |          |        |          |         |        |      |    |       |      |
|------|-----|-----|---------|---------------------|-------|----------|--------|----------|---------|--------|------|----|-------|------|
| EW09 | 644 | 328 | 350mA   | Middle of the night | 67    | Class II | 176,6W | 42X3,9W  | Samsung | LH181B | 3000 | 70 | ST1.2 | IK09 |
| EW10 | 644 | 328 | 246mA   | Middle of the night | 67    | Class II | 103,8W | 72X1,35W | Samsung | LH181B | 4000 | 70 | ST1.2 | IK09 |
| EW11 | 644 | 328 | 350mA   | Middle of the night | 67    | Class II | 176,6W | 42X3,9W  | Samsung | LH181B | 4000 | 70 | ST1.2 | IK09 |
| EW12 | 644 | 328 | 262,5mA | Middle of the night | 67    | Class II | 110,4W | 72X1,43W | Samsung | LH181B | 3000 | 70 | ST1.5 | IK09 |
| EW13 | 644 | 328 | 350mA   | Middle of the night | 67    | Class II | 176,6W | 42X3,9W  | Samsung | LH181B | 3000 | 70 | ST1.5 | IK09 |
| EW14 | 644 | 328 | 246mA   | Middle of the night | 67    | Class II | 103,8W | 72X1,35W | Samsung | LH181B | 4000 | 70 | ST1.5 | IK09 |
| EW15 | 644 | 328 | 350mA   | Middle of the night | 67    | Class II | 176,6W | 42X3,9W  | Samsung | LH181B | 4000 | 70 | ST1.5 | IK09 |
| EW16 | 644 | 328 | 350mA   | Middle of the night | 67    | Class II | 176,6W | 42X3,9W  | Samsung | LH181B | 3000 | 70 | A60   | IK09 |
| EW17 | 644 | 328 | 350mA   | Middle of the night | 67    | Class II | 176,6W | 42X3,9W  | Samsung | LH181B | 4000 | 70 | A60   | IK09 |
| EW85 | 644 | 328 | 262,5mA | DALI - NEMA         | 67/65 | Class II | 110,4W | 72X1,43W | Samsung | LH181B | 3000 | 70 | ST1   | IK09 |
| EW86 | 644 | 328 | 262,5mA | DALI - NEMA         | 67/65 | Class II | 130W   | 84X1,43W | Samsung | LH181B | 3000 | 70 | ST1   | IK09 |
| EW87 | 644 | 328 | 350mA   | DALI - NEMA         | 67/65 | Class II | 176,6W | 42X3,9W  | Samsung | LH181B | 3000 | 70 | ST1   | IK09 |
| EW91 | 644 | 328 | 246mA   | DALI - NEMA         | 67/65 | Class II | 103,8W | 72X1,35W | Samsung | LH181B | 4000 | 70 | ST1   | IK09 |
| EW92 | 644 | 328 | 256mA   | DALI - NEMA         | 67/65 | Class II | 126,8W | 84X1,39W | Samsung | LH181B | 4000 | 70 | ST1   | IK09 |
| EW93 | 644 | 328 | 350mA   | DALI - NEMA         | 67/65 | Class II | 176,6W | 42X3,9W  | Samsung | LH181B | 4000 | 70 | ST1   | IK09 |

Firma Local Technical Manager:

Data: 02 marzo 2021

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