

# product\_datasheet\_title

## DULUX T/E PLUS 26 W/840

OSRAM DULUX® T/E PLUS | CFLni, 3 tubes, with 4-pin base for ECG operation



technical\_data

ELECTRICAL DATA

|                      |         |
|----------------------|---------|
| Nominal wattage      | 26 W    |
| Construction wattage | 27.10 W |
| Nominal voltage      | 105 V   |
| Nominal current      | 0.33 A  |

PHOTOMETRICAL DATA

|                           |                    |
|---------------------------|--------------------|
| Luminous flux             | 1750 lm            |
| Luminous efficacy         | 65 lm/W            |
| Light color (designation) | LUMILUX Cool White |
| Color temperature         | 4000 K             |
| Color rendering index Ra  | ≥80                |
| Light color               | 840                |
| Rated LLMF at 4,000 h     | 0.84               |
| Rated LLMF at 6,000 h     | 0.83               |
| Rated LLMF at 8,000 h     | 0.81               |
| Rated LLMF at 12,000 h    | 0.79               |
| Rated LLMF at 16,000 h    | 0.78               |
| Rated LLMF at 20,000 h    | 0.90               |



349615\_FL\_840

DIMENSIONS & WEIGHT



|                                             |           |
|---------------------------------------------|-----------|
| Overall length                              | 131.50 mm |
| Length with base excl. base pins/connection | 116,00 mm |
| Diameter                                    | 12.00 mm  |
| Tube diameter                               | 12 mm     |
| Product weight                              | 62.5 g    |

TEMPERATURES & OPERATING CONDITIONS

|                           |             |
|---------------------------|-------------|
| Ambient temperature range | -5...+40 °C |
|---------------------------|-------------|

LIFESPAN

|                                        |         |
|----------------------------------------|---------|
| Service life                           | 13000 h |
| Rated lamp survival factor at 2,000 h  | 0.99    |
| Rated lamp survival factor at 4,000 h  | 0.99    |
| Rated lamp survival factor at 6,000 h  | 0.99    |
| Rated lamp survival factor at 8,000 h  | 0.99    |
| Rated lamp survival factor at 12,000 h | 0.95    |
| Rated lamp survival factor at 16,000   | 0.81    |
| Rated lamp survival factor at 20,000 h | 0.50    |
| Lifespan B50                           | 20000 h |

ADDITIONAL PRODUCT DATA

|                             |                        |
|-----------------------------|------------------------|
| Base (standard designation) | GX24q-3                |
| Mercury content             | 2.0 mg                 |
| Product remark              | For ECG operation only |

CAPABILITIES

|          |     |
|----------|-----|
| Dimmable | yes |
|----------|-----|

CERTIFICATES & STANDARDS

|                         |                 |
|-------------------------|-----------------|
| Energy efficiency class | G               |
| Energy consumption      | 28.00 kWh/1000h |

COUNTRY-SPECIFIC CATEGORIZATIONS

|                 |                         |
|-----------------|-------------------------|
| ILCOS           | FSMH-26/840-/P/-GX24q-3 |
| Order reference | DULUX T/E 26W/8         |

Energy labelling regulation data

|                                                     |              |
|-----------------------------------------------------|--------------|
| Lighting technology used                            | CFLNI        |
| Non-directional or directional                      | NDLS         |
| Mains or non-mains                                  | NMLS         |
| Light source cap-type (or other electric interface) | GX24q-3      |
| Connected light source (CLS)                        | no           |
| Color-tuneable light source                         | no           |
| Envelope                                            | No           |
| High luminance light source                         | no           |
| Anti-glare shield                                   | no           |
| Correlated colour temperature type                  | SINGLE_VALUE |
| Claim of equivalent power                           | No           |
| Length                                              | 131.50 mm    |
| Height                                              | 12.00 mm     |
| Width                                               | 12.00 mm     |
| Chromaticity coordinate x                           | 0,380        |
| Chromaticity coordinate y                           | 0,380        |
| Beam angle correspondence                           | SPHERE_360   |
| EPREL ID                                            | 546469       |
| Model number                                        | AC34244      |

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| Documents and certificates                                                          |                               | document_name                                                                   |
|-------------------------------------------------------------------------------------|-------------------------------|---------------------------------------------------------------------------------|
|  | Declarations Of Conformity CE | EC Declaration of Conformity - 2021 9C1-4077884-EN-00 - DULUX T                 |
|  | Certificates                  | EAC N RU D-DE.MU62.B.00933_20 06.03.2020-05.03.2025 Prommash Test - CFLpin      |
|  | Certificates                  | EAC RU C-DE.HA46.B.01131_21 21.05.2021-20.05.2026 Expert Certification - CFLpin |

| Photometric and lighting design files                                             |                             | document_name |
|-----------------------------------------------------------------------------------|-----------------------------|---------------|
|  | Spectral power distribution | 349615_FL_840 |

logistical\_data

| product_code  | packaging_unit     | dimensions               | weight   | volume   |
|---------------|--------------------|--------------------------|----------|----------|
| 4050300342283 | Folding box<br>1   | 45 mm x 48 mm x 142 mm   | 74.00 g  | 0.31 dm³ |
| 4050300342290 | Shipping box<br>10 | 240 mm x 102 mm x 161 mm | 853.00 g | 3.94 dm³ |

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