# Product Information Sheet

COMMISSION DELEGATED REGULATION (EU) 2019/2015 with regard to energy labelling of light sources

**Supplier's name or trade mark:** MS-belysning

**Supplier's address:** AS Metall-Service/MS-Belysning, Gardermovegen 95 B, 2030 NANNESTAD, NO

**Model identifier:** 9400000222

**Type of light source:**

| | | | |
|---|---|---|---|
| Lighting technology used: | LED | Non-directional or directional: | NDLS |
| Light source cap-type (or other electric interface) | integrated LED | | |
| Mains or non-mains: | NMLS | Connected light source (CLS): | No |
| Colour-tuneable light source: | No | Envelope: | - |
| High luminance light source: | No | | |
| Anti-glare shield: | No | Dimmable: | Yes |

**Product parameters**

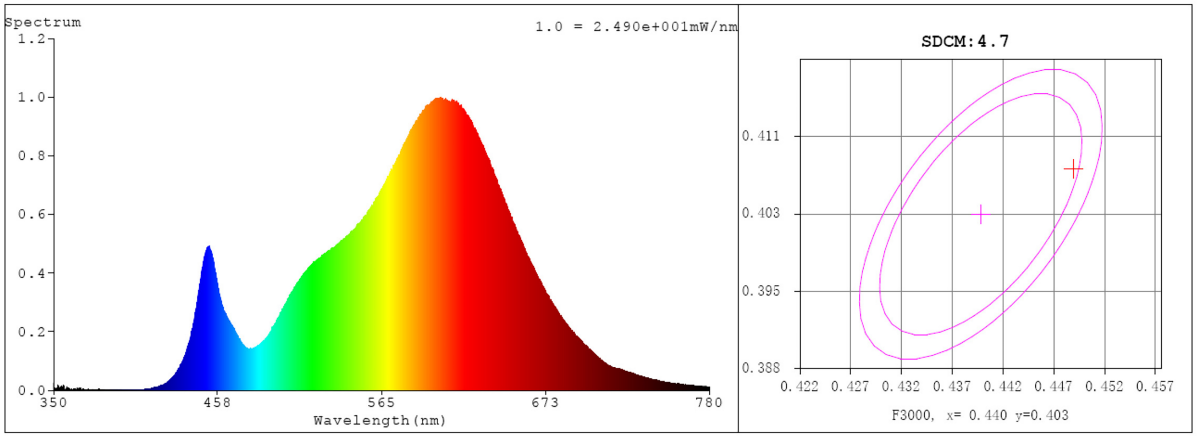
| Parameter | Value | Parameter | Value |
|---|---|---|---|
| **General product parameters:** | | | |
| Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer | 12 | Energy efficiency class | E |
| Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º) | 1 500 in Wide cone (120°) | Correlated colour temperature, rounded to the nearest 100 K, or the range of correlated colour temperatures, rounded to the nearest 100 K, that can be set | 3 000 |
| On-mode power ($P_{on}$), expressed in W | 12,0 | Standby power ($P_{sb}$), expressed in W and rounded to the second decimal | 0,50 |
| Networked standby power ($P_{net}$) for CLS, expressed in W and rounded to the second decimal | - | Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set | 80 |
| Outer dimensions without separate control gear, lighting control — Height | 30 | Spectral power distribution in the range 250 nm to 800 nm, at full-load | See image in last page |
| Outer dimensions without separate control gear, lighting control — Width | 225 | | |
| Outer dimensions without separate control gear, lighting control — Depth | 225 | | |

| | | | | |
|---|---|---|---|---|
| parts and non-lighting control parts, if any (millimetre) | | | | |
| Claim of equivalent power[(a)] | | - | If yes, equivalent power (W) | - |
| | | | Chromaticity coordinates (x and y) | 0,449<br>0,407 |
| **Parameters for LED and OLED light sources:** | | | | |
| R9 colour rendering index value | | 0 | Survival factor | 0,90 |
| the lumen maintenance factor | | 0,96 | | |

[(a)] '-' : not applicable;

[(b)] '-' : not applicable;

## Spectrum


Spectrum
1.0 = 2.490e+001mW/nm
1.2
1.0
0.8
0.6
0.4
0.2
0.0
350
458
565
673
780
Wavelength(nm)
SDCM:4.7
0.411
0.403
0.395
0.388
0.422 0.427 0.432 0.437 0.442 0.447 0.452 0.457
F3000, x= 0.440 y=0.403

Model placed on the Union market from 17/06/2024

**EPREL registration number:** 2051297

https://eprel.ec.europa.eu/qr/2051297

**Supplier:** AS METALL-SERVICE (Importer)

**Website:** www.ms-belysning.no

**Customer care service:**

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