



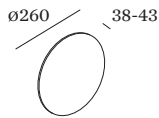
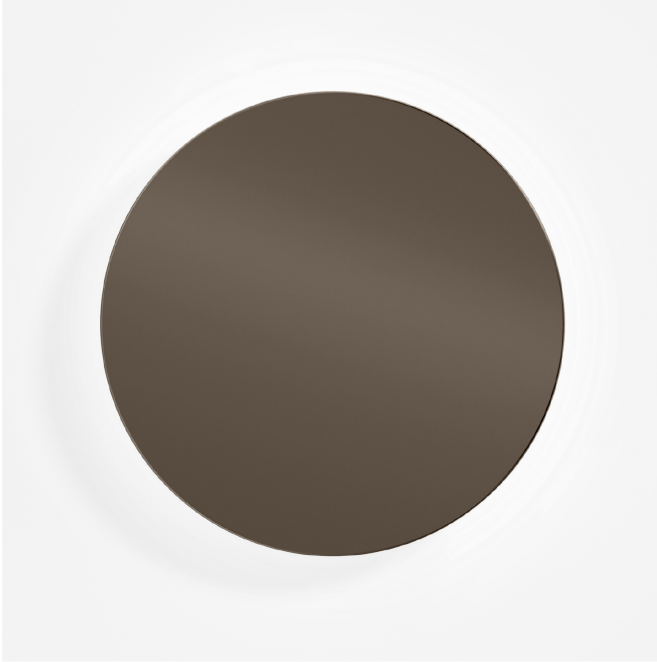
PROJECT

TYPE

NOTES

QUANTITY

DATE



LUMINAIRE

Wall _____
Surface _____
Bronze _____
RAL 7013 ^a _____
IP20 _____
Interior _____
285 lm _____

LED Module

2700 K _____
CRI \geq 90 _____
L80 / 70000 h _____
 \leq 3 SDCM (initial MacAdam) _____
287 lm _____
34 lm/W ^b _____

Optical

Indirect _____
CIE flux code: 0 1 23 28 100 _____

Electrical

phase-cut dim _____
220 - 240 V _____
system 8.5 W _____
Class II _____

Physical

diameter 260 mm _____
height 38 mm _____
1.07 kg _____

^a Colour may deviate slightly due to production conditions

^b Without electrical and optical losses



Maintenance Factor

| | | | | | |
|--------------------|--------|--------|--------|--------|--------|
| Operating Time [h] | 10.000 | 20.000 | 30.000 | 40.000 | 50.000 |
| LLMF | 0.98 | 0.95 | 0.92 | 0.89 | 0.86 |
| LSF | 1 | 1 | 1 | 1 | 1 |

| | | | |
|------------------|--|-------------------|---------------------------------|
| MF | $LMF \times RSMF \times LLMF \times LSF$ | RSMF ^a | Room Surface Maintenance Factor |
| MF | Maintenance Factor | LLMF | Lamp Lumens Maintenance Factor |
| LMF ^a | Luminaire Maintenance Factor | LSF | Lamp Survival Factor |

^aAccording to "CIE 97, Maintenance of indoor electric lighting systems", 2005, ISBN 3-900-734-34-8. The values must be determined by the planner.