



Project / Type \_\_\_\_\_

Notes \_\_\_\_\_

Count / Date \_\_\_\_\_



### General

Showcase , Recessed  
 white aluminium , RAL9006 <sup>1</sup>  
 IP20  
 Interior

### LED

3000 K  
 CRI ≥ 95  
 photobio. safety RG 1 - low Risk  
 initial MacAdam ≤ 3 SDCM  
 R<sub>g</sub>: 102 , R<sub>f</sub>: 94 , R<sub>f(1-15)}</sub>: 95  
 MR 0.61  
 MDER 0.55

### Optical

spot

### Electrical

excl. driver  
 24 V  
 PC3 24V  
 24 V

### Physical

length 200 mm  
 width 9 mm  
 height 9 mm

Miniature linear light inset made of aluminium; tubular design; surface lacquered in white aluminium; optionally for recessed or surface mounting (available as an accessory); plug and play electrical connector system for toolless mounting; different connectors for mechanical and electrical connection available - for flexible system design (available as an accessory); fitted with LED light points; light colour 3000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 95; min. 80% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; light inset rotatable; degree of protection IP20; PC3 24V; photobiological safety according to IEC 62471 risk group RG 1 - low Risk; accessories are listed separately; light source replaceable by an authorized professional;

## Product drawing



<sup>1</sup> RAL code

## Installation instructions





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## Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.954	0.915	0.879	0.844	0.81
LSF	1	1	1	1	1

MF      LMF × RSMF × LLMF × LSF      RSMF<sup>a</sup>    Room Surface Maintenance Factor  
 MF      Maintenance Factor                      LLMF      Lamp Lumens Maintenance Factor  
 LMF<sup>a</sup>    Luminaire Maintenance Factor                LSF      Lamp Survival Faktor

<sup>a</sup> According to "CIE 97, Maintenance of indoor electric lighting systems", 2005, ISBN 3-900-734-34-8. The values must be determined by the planner.