

# FRAME 60 mid lumen

trim

052-47L4517G



Project / Type

Notes

Count / Date



## General

Ceiling , Recessed

white , RAL9016 <sup>1</sup>

1220 lm/m

IP20

1430 lm

## LED

3000 K

CRI  $\geq$  80

L90 / 50000 h

photobio. safety RG 0 - no Risk

initial MacAdam  $\leq$  3 SDCM

MR 0.56

MDER 0.51

## Optical

Microprismatic

microprismatic

UGR  $<$  19 ,  $\geq$ 65°  $<$ 3000 cd/m<sup>2</sup>

PstLM  $\leq$  1.0 <sup>2</sup>

SVM  $\leq$  0.4 <sup>2</sup>

## Electrical

non DIM

system 13.3 W

PC1 220-240V

system 108 lm/W<sup>3</sup>

11 W/m

## Physical

trim

length 1193 mm

width 77 mm

height 78 mm

3.1 kg

## Cutout

length 1183 mm

width 66 mm

min. ceiling thickness 8 mm

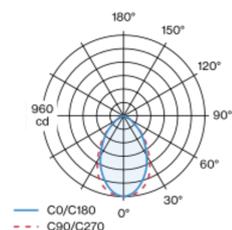
max. ceiling thickness 25 mm

recessed depth 104 mm

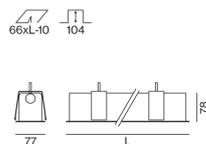
<sup>1</sup> RAL code <sup>2</sup> Value of containing product at full load (undimmed)

<sup>3</sup> incl. optical losses and the efficiency of the operating device (converter)

## Light distribution



## Product drawing



Luminaire housing made of extruded aluminium profile; recessed light with wrap around edge; suitable for ceiling thickness of 8-25 mm; surface white powder coated; lighting profile (end cover and mounting bracket pre-assembled) available in advance for installation; remaining lamp components mounted without tools; LED light inset consisting of highly reflective lacquered aluminium for improved thermal management; light colour 3000 K; binning initial MacAdam  $\leq$  3 SDCM; CRI  $\geq$  80; min. 90% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; micro prismatic PMMA diffuser incl. diffuser film for homogeneous illumination and reduced luminance; UGR  $\leq$  19; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65°  $\leq$  3000 cd/m<sup>2</sup>; degree of protection IP20; PC1 220-240V; photobiological safety according to IEC 62471 risk group RG 0 - no Risk; internal wiring in light halogen free; incl. converter, non dimmable; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

## Installation instructions



## Lighting calculator

