

# PLANO LED EVO 595MM 5700LM 840 IP40/20 II CL. PS WHITE (54W) DALI

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Index:</b>	552816
<b>Ingress protection:</b>	IP40/IP20
<b>Impact resistance:</b>	IK07
<b>Nominal power [W]:</b>	54
<b>Luminous flux [lm]*:</b>	5700
<b>Color rendering index (Ra) &gt;:</b>	80
<b>SDCM:</b>	3
<b>Energy efficiency class:</b>	E
<b>Material of the body:</b>	aluminium
<b>Diffuser material:</b>	PS

## CHARACTERISTICS

Versatile LED luminaire characterized by low profile with smooth and elegant design, for recessed modular ceiling systems. Luminaire with built-in energy saving LED light source, made from aluminium (white colour), equipped with multilayer PS diffuser OPAL or PRM providing perfect light dispersion and low glare (**UGR<19** for PRM). Mounting method: recessed and surface mounted - using a frame (available as an accessory).

## APPLICATION

Luminaire for indoor application in offices (studies, conference rooms) or general use in representative areas. Unique design and perfect lighting parameters allow applying PLANO LED EVO as the main light source even when the work requires eyesight concentration. It is appropriate for new applications as well as for replacing conventional T8 & T5 fittings with energy-saving LED solutions. Designed to be mounted in modular ceiling 600x600.

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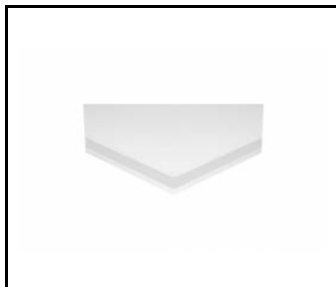
## TECHNICAL PARAMETERS TABLE

<b>Index:</b>	552816	<b>Material of the body:</b>	aluminium
<b>EAN:</b>	5905963552816	<b>Colour of the body:</b>	white
<b>Light source:</b>	LED module	<b>Dimensions (H/W/T/S) [mm]:</b>	595/595/9
<b>Nominal power [W]:</b>	54	<b>Impact resistance:</b>	IK07
<b>Rated power of the luminaire [W]:</b>	55	<b>Ingress protection:</b>	IP40/IP20
<b>Supply voltage [V]:</b>	220 - 240	<b>Mounting version:</b>	recessed, surface
<b>Frequency [Hz]:</b>	50 - 60	<b>Working temperature [°C]:</b>	from -20 to +35
<b>Luminous flux [lm]:</b>	5700	<b>DIMM DALI:</b>	yes
<b>Luminous efficacy [lm/W]:</b>	105	<b>Net weight [kg]:</b>	1.650
<b>Energy efficiency class:</b>	E	<b>Category type:</b>	troffers
<b>Electrical protection class:</b>	II	<b>LED lifespan L70B50 [h]:</b>	54000
<b>Colour temperature [K]:</b>	4000	<b>LED lifespan L80B10 [h]:</b>	45000
<b>Color rendering index (Ra) &gt;:</b>	80	<b>LED lifespan L90B10 [h]:</b>	22000
<b>SDCM:</b>	3	<b>Warranty [years]:</b>	5
<b>Power factor:</b>	0.90	<b>CE certificate:</b>	<a href="#">365/2023</a>
<b>Diffuser material:</b>	PS	<b>PZH certificate:</b>	<a href="#">B-BK-60212-0295/20</a>
<b>Diffuser type:</b>	OPAL	<b>Manual:</b>	<a href="#">Download PDF</a>
<b>Diffuser colour:</b>	white	<b>Plik LDT:</b>	<a href="#">Download</a>

## TECHNICAL DETAILS



PLANO LED EVO 1



PLANO LED EVO DETAL 2

# PLANO LED EVO 595MM 5700LM 840 IP40/20 II CL. PS WHITE (54W) DALI

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## ACCESSORIES AVAILABLE

index	Name
552397	PLANO LED EVO - plasterboard clip set (4pcs)
552403	PLANO LED EVO - hanging string set (4pcs)
552410	PLANO LED EVO - surface frame 600x600x43
552427	PLANO LED EVO - surface frame 1200x300x43
374845	Frame adapter KG 635x635 WHITE
998966	"Frame steel white structure RAL9016 600x600 SM ""well effect"""
998973	Frame steel white gloss RAL9016 600x600 SM "well effect"
315060	Emergency module 2W/10-50V Li-ION EMG-A-Li-2L 3h 3.6V 2.5Ah AT - PLANO (GKO)



Frame adapter KG 635x635  
WHITE (374845)



"Frame steel white structure RAL9016  
600x600 SM ""well effect"" (998966)



Frame steel white gloss RAL9016  
600x600 SM "well effect" (998973)

Card creation date: 12 December 2025

The company reserves the right to make design changes or upgrades in the presented product. Product data sheet does not constitute an offer. \* Parameter tolerance is +/- 10%



This product is a subject to electric and electronic waste equipment regulations (WEEE).



Certificate CE - Nr: 365/2023