# COMPACT LED EVO N 5450LM PLX II KL IP20 1200X250 830 (50W) AW 3H

DETAILED CARD





### **TECHNICAL PARAMETERS**

Ingress protection:	IP20
Nominal power [W]:	50
Luminous flux [lm]*:	5450
Colour rendering index:	80
Energy efficiency class:	E
Material of the body:	ABS
Diffuser material:	PS
Diffuser type:	OPAL

### CHARACTERISTICS

Compact LED luminaire designed for surface mounting or modular ceilings. Equipped with energy-saving LED modules and an evenly highlighted opal diffuser, providing low glare. Made of plastic. Assembly or electrical connection does not require removing the diffuser. Standard Deviation Colour Matching (SDCM):  $\leq$ 3. COMPACT LED EVO N 1200x250 with nPRM nano-prismatic diffuser, can be used wherever low UGR is required.

## APPLICATION

This luminaire is designed for indoor use in offices or general utility rooms. It can be used as the main light source and it is particularly well-suited to be used as a light source for workplaces that require eyesight focus. The luminaire is used both in new applications, as well as it can replace traditional fluorescent luminaires with energysaving LED solutions.



# COMPACT LED EVO N 5450LM PLX II KL IP20 1200X250 830 (50W) AW 3H

DETAILED CARD

#### **TECHNICAL PARAMETERS TABLE**

EAN: 5905963630415 Ingress protection: IP20   Light source: LED module Mounting version: Surface mounted; recessed mounted; recessed mounted in modular ceiling possible   Nominal power [W]: 50 Working temperature [*C]: from 0 to +25   Supply voltage [V]: 20-240 Working temperature [*C]: from 0 to +25   Frequency [Hz]: 50-60 Emergency lighting [h]: 3   Luminous flicx [Im/?): 5450 Net weight [kg]: 2.800   Luminous flicary [Lm/W]: 103 Category type: troffers   Energy efficiency class: E LED lifespan L70B50 [h]: 115000   Electrical protection class: II LED lifespan L90B10 [h]: 35000   Colour rendering index: 80 Photobiological safety: %GO - exempt (no photobiological hazard)   Power factor: 0.95 Varranty [years]: 2/.0.5 (battery)   Diffuser material: PS Ce certificate: 361/2023   Diffuser type: OPAL ENEC Certificate: 361/2023   Material of the body: ABS PZH certificate: B-BK-5070/202 B-BK-	Index:	630415	Dimensions (H/M/T/S) [mm]	1195/250/66
Light source:LED modulesurface mounted; recessed mounted in modular ceiling possibleNominal power [W]:50Working temperature [*C]:from 0 to +25Supply voltage [V]:20-240Working temperature [*C]:from 0 to +25Frequency [Hz]:50-60Emergency lighting [h]:3Luminous fliux [Im]:5450Net weight [kg]:2.800Luminous flicacy [Im/W]:103Category type:troffersEnergy efficiency class:ELED lifespan L70B50 [h]:115000Electrical protection class:ILED lifespan L90B10 [h]:35000Colour endering index:80LED lifespan L90B10 [h]:35000Power factor:0.95Warranty [years]:2/0.5 (battery)Diffuser material:PSCet certificate:36/2023Diffuser type:ABSABSB-BK-60212-0070/20 B-BK-60212-0070/20 B-BK-60212-0070/20 B-BK-60212-0042/20			Dimensions (H/W/T/S) [mm]:	
Nominal power [W]:SDMounting version:mounted in modular ceiling possibleSupply voltage [V]:220-240Working temperature [°C]:from 0 to +25Frequency [Hz]:50-60Emergency lighting [h]:3Luminous fliux [Im]:5450Met weight [kg]:2.800Luminous fficacy [Im/W]:103Category type:troffersEnergy efficiency class:ELED lifespan L70B50 [h]:115000Electrical protection class:IILED lifespan L80B20 [h]:35000Colour endering index:80LED lifespan L90B10 [h]:35000Diffuser material:0.95Warranty [years]:2/0.5 (battery)Diffuser type:0PALENEC Certificate:361/2023Material of the body:whiteB-BK-60212-0070/20 B-BK- 50212-0042/20B-BK-60212-0070/20 B-BK- 50212-0042/20	EAN:	5905963630415	Ingress protection:	
Nominal power [W]:50possibleSupply voltage [V]:220-240Working temperature [*C]:from 0 to +25Frequency [Hz]:50 - 60Emergency lighting [h]:3Luminous flux [Im]:5450Net weight [kg]:2.800Luminous efficacy [Im/W]:6Category type:troffersEnergy efficiency class:ELED lifespan L70B50 [h]:115000Electrical protection class:ILED lifespan L80B20 [h]:35000Colour temperature [K]:3000LED lifespan L90B10 [h]:35000Objust rendering index:80Photobiological safety:RG0 - exempt (no photobiological hazard)Diffuser material:PSCE certificate:36!/2023Diffuser type:OPALENEC Certificate:86!/2023Material of the body:ABSPhit certificate:B-BK-60212-0070/20 B-BK: 60212-0042/20	Light source:	LED module	Mounting version:	
Frequency [Hz]:50-60Emergency lighting [h]:3Luminous flux [lm]:5450Net weight [kg]:2.800Luminous efficacy [lm/W]:103Category type:troffersEnergy efficiency class:ELED lifespan L70B50 [h]:115000Electrical protection class:IILED lifespan L80B20 [h]:72000Colour rendering index:80LED lifespan L90B10 [h]:35000Power factor:0.95Warranty [years]:2/0.5 (battery)Diffuser material:PSCertificate:36/2023Diffuser type:OPALENEC Certificate:36/2023Material of the body:MiteB-BK-60212-007/020 B-BK-60212-007/020 B-BK-6	Nominal power [W]:	50		<b>u</b>
Luminous flux [Im]:5450Net weight [kg]:2.800Luminous efficacy [Im/W]:103Category type:troffersEnergy efficiency class:ELED lifespan L70B50 [h]:115000Electrical protection class:IILED lifespan L80B20 [h]:72000Colour temperature [K]:3000LED lifespan L90B10 [h]:35000Colour rendering index:80Photobiological safety:RGO - exempt (no photobiological hazard)Power factor:0.95Warranty [years]:2 / 0.5 (battery)Diffuser material:OPALCetrificate:361/2023Diffuser type:OPALPhotobiological safety:8-BK-60212-0070/20 B-BK- 60212-0042/20Colour of the body:whiteWhiteB-BK-60212-0070/20 B-BK- 60212-0042/20	Supply voltage [V]:	220-240	Working temperature [°C]:	from 0 to +25
Luminous efficacy [Im/W]:103Category type:troffersEnergy efficiency class:ELED lifespan L70B50 [h]:115000Electrical protection class:IILED lifespan L80B20 [h]:72000Colour temperature [K]:3000LED lifespan L90B10 [h]:35000Colour rendering index:80Photobiological safety:RGO - exempt (no photobiological hazard)Power factor:0.95Warranty [years]:2 / 0.5 (battery)Diffuser type:OPALENEC Certificate:361/2023Material of the body:ABSPH certificate:B-BK-60212-0070/20 B-BK-60212-0070/20 B-BK-60212-0070/20 B-BK-60212-0042/20	Frequency [Hz]:	50 - 60	Emergency lighting [h]:	3
Energy efficiency class:ELED lifespan L70B50 [h]:115000Electrical protection class:IILED lifespan L80B20 [h]:72000Colour temperature [K]:3000LED lifespan L90B10 [h]:35000Colour rendering index:80Photobiological safety:RG0 - exempt (no photobiological hazard)Power factor:0.95Warranty [years]:2 / 0.5 (battery)Diffuser material:PSCe certificate:361/2023Diffuser type:OPALENEC Certificate:361/2023Material of the body:ABSPZH certificate:B-BK-60212-0070/20 B-BK- 60212-0042/20	Luminous flux [lm]:	5450	Net weight [kg]:	2.800
Electrical protection class: II LED lifespan L80B20 [h]: 72000   Colour temperature [K]: 3000 LED lifespan L90B10 [h]: 35000   Colour rendering index: 80 Photobiological safety: RG0 - exempt (no photobiological hazard)   Power factor: 0.95 Warranty [years]: 2 / 0.5 (battery)   Diffuser material: PS Elec certificate: 361/2023   Diffuser type: OPAL ENEC Certificate: 361/2023   Material of the body: ABS PL certificate: B-BK-60212-0070/20 B-BK-60212-0070/20 B-BK-60212-0042/20	Luminous efficacy [lm/W]:	103	Category type:	troffers
Colour temperature [K]: 3000 LED lifespan L90B10 [h]: 35000   Colour rendering index: 80 Photobiological safety: RG0 - exempt (no photobiological hazard)   Power factor: 0.95 Warranty [years]: 2 / 0.5 (battery)   Diffuser material: PS Ce certificate: 361/2023   Diffuser type: OPAL ENEC Certificate: 361/2023   Material of the body: ABS PH certificate: B-BK-60212-0070/20 B-BK-60212-0070/20 B-BK-60212-0042/20	Energy efficiency class:	E	LED lifespan L70B50 [h]:	115000
Colour rendering index: 80 Photobiological safety: RG0 - exempt (no photobiological hazard)   Power factor: 0.95 Warranty [years]: 2 / 0.5 (battery)   Diffuser material: PS Ce certificate: 361/2023   Diffuser type: OPAL ENEC Certificate: 361/2023   Material of the body: ABS PH certificate: B-BK-60212-0070/20 B-BK-60212-0070/20 B-BK-60212-0042/20	Electrical protection class:	Ш	LED lifespan L80B20 [h]:	72000
Power factor: 0.95 Warranty [years]: 2 / 0.5 (battery)   Diffuser material: PS CE certificate: 361/2023   Diffuser type: OPAL ENEC Certificate: 361/2023   Material of the body: ABS PL certificate: B-BK-60212-0070/20 B-BK-60212-0070/20 B-BK-60212-0042/20	Colour temperature [K]:	3000	LED lifespan L90B10 [h]:	35000
Warranty [years]: 2 / 0.5 (battery)   Diffuser material: PS CE certificate: 361/2023   Diffuser type: OPAL ENEC Certificate: B-BK-60212-0070/20 B-BK-60212-0070/20 B-BK-60212-0042/20   Material of the body: white B-BK-60212-0070/20 B-BK-60212-0042/20	Colour rendering index:		Photobiological safety:	
Diffuser type: OPAL ENEC Certificate: 361/2023   Material of the body: ABS PZH certificate: B-BK-60212-0070/20 B-BK- 60212-0042/20   Volume white B-BK-60212-0070/20 B-BK- 60212-0042/20	Power factor:	0.95	Warranty [years]:	2 / 0.5 (battery)
Material of the body: ABS PZH certificate:   Colour of the body: white	Diffuser material:	PS	CE certificate:	361/2023
Colour of the body:     white     PZH certificate:     60212-0042/20	Diffuser type:	OPAL	ENEC Certificate:	
Colour of the body: white 60212-0042/20	Material of the body:	ABS		B-BK-60212-0070/20 B-BK-
Manual: Download PDF	Colour of the body:	white		
	-		Manual:	Download PDF

Card creation date: 11 July 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).



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Certificate CE - Nr: 361/2023