

Product: BACKPANEL LED 4800 PLX E 34 IP20/44 830 1200X300

Index: 19.3213.0033.34



Description

Modern LED panel dedicated to be mounted on suspended modular ceilings, cardboard suspended ceilings (using adaptive frame), directly on the ceiling (using adaptive frame) or using adaptive frame and suspensions. Equipped with the highly efficient LED sources. Direct light distribution. Luminary body made from steel sheet. PMMA opal diffuser. Colour of luminary - white. CRI>80. Luminary dedicated for the public use structure like offices, conference rooms, classrooms, lecture halls etc.

Product information

Category	Recessed luminaires
Family	BACKPANEL LED
Name	BACKPANEL LED 4800 PLX E 34 IP20/44 830 1200X300
Index	19.3213.0033.34















Light and electrical data

Light source Luminous flux LED [lm] LED power [W] Luminaire luminous flux [lm] Power of luminaire [W] Luminaire's light efficiency [lm/W] Color of the light [K] CRI SDCM (LED sources) Beam angle [°] Photobiological risk class (IEC/EN 62471) Protection against electric shock Protection degree Voltage Lifetime of LED sources [h] Lx/By Operating temperature range [°C] Circuit load capacity LED 5047 29,8 4414 4414 33,6 L414 CO-C180) / (C90-C270) - 13,4 CO-C180) / (C90-C270) - 113,8° / 114,6° RG0 CO-C180) / (C90-C270) - 113,8° / 114,6° Color col		
LED power [W] 29,8 Luminaire luminous flux [Im] 4414 Power of luminaire [W] 33,6 Luminaire's light efficiency [Im/W] 131,4 Color of the light [K] 3000 CRI >80 SDCM (LED sources) 3 Beam angle [°] (C0-C180) / (C90-C270) - 113,8° / 114,6° Photobiological risk class (IEC/EN 62471) Protection against electric shock II Protection degree IP20/44 Voltage 220240 V, 5060 Hz Lifetime of LED sources [h] 100000 Lx/By L80/B10 Operating temperature range [°C] 5 ÷ 30 Driver standard on/off (E)	Light source	LED
Luminaire luminous flux [lm] Power of luminaire [W] 33,6 Luminaire's light efficiency [lm/W] Color of the light [K] SDCM (LED sources) Beam angle [°] Photobiological risk class (IEC/EN 62471) Protection against electric shock Protection degree Voltage Lifetime of LED sources [h] Lx/By Driver 4414 33,6 L414 Color of the light [K] 3000 (C0-C180) / (C90-C270) - 113,8° / 114,6° RG0 RG0 II IP20/44 Voltage 220240 V, 5060 Hz L80/B10 Driver Standard on/off (E)	Luminous flux LED [lm]	5047
Power of luminaire [W] 33,6 Luminaire's light efficiency [lm/W] 131,4 Color of the light [K] 3000 CRI >80 SDCM (LED sources) 3 Beam angle [°] (C0-C180) / (C90-C270) - 113,8° / 114,6° Photobiological risk class (IEC/EN RG0 62471) Protection against electric shock II Protection degree IP20/44 Voltage 220240 V, 5060 Hz Lifetime of LED sources [h] 100000 Lx/By L80/B10 Operating temperature range [°C] 5 ÷ 30 Driver standard on/off (E)	LED power [W]	29,8
Luminaire's light efficiency [lm/W] Color of the light [K] 3000 CRI >80 SDCM (LED sources) Beam angle [°] (C0-C180) / (C90-C270) - 113,8° / 114,6° Photobiological risk class (IEC/EN 62471) Protection against electric shock II Protection degree IP20/44 Voltage 220240 V, 5060 Hz Lifetime of LED sources [h] Lx/By Departing temperature range [°C] Driver 131,4 10000 RG0 114,6° RG0 11920/44 100000 100000 100000 1000000 1000	Luminaire luminous flux [lm]	4414
Color of the light [K] 3000 CRI >80 SDCM (LED sources) 3 Beam angle [°] (C0-C180) / (C90-C270) - 113,8° / 114,6° Photobiological risk class (IEC/EN 62471) Protection against electric shock II Protection degree IP20/44 Voltage 220240 V, 5060 Hz Lifetime of LED sources [h] 100000 Lx/By L80/B10 Operating temperature range [°C] 5 ÷ 30 Driver standard on/off (E)	Power of luminaire [W]	33,6
CRI >80 SDCM (LED sources) 3 Beam angle [°] (C0-C180) / (C90-C270) - 113,8° / 114,6° Photobiological risk class (IEC/EN 62471) Protection against electric shock II Protection degree IP20/44 Voltage 220240 V, 5060 Hz Lifetime of LED sources [h] 100000 Lx/By L80/B10 Operating temperature range [°C] 5 ÷ 30 Driver standard on/off (E)	Luminaire's light efficiency [lm/W]	131,4
SDCM (LED sources) Beam angle [°] (C0-C180) / (C90-C270) - 113,8° / 114,6° Photobiological risk class (IEC/EN RG0 62471) Protection against electric shock II Protection degree IP20/44 Voltage 220240 V, 5060 Hz Lifetime of LED sources [h] Lx/By L80/B10 Operating temperature range [°C] Driver 3 (C0-C180) / (C90-C270) - 113,8° / 114,6° RG0 10000 ILX/BY L920/44 220240 V, 5060 Hz 100000 5 ÷ 30 Standard on/off (E)	Color of the light [K]	3000
Beam angle [°] (C0-C180) / (C90-C270) - 113,8° / 114,6° Photobiological risk class (IEC/EN 62471) Protection against electric shock II Protection degree Voltage 220240 V, 5060 Hz Lifetime of LED sources [h] Lx/By L80/B10 Operating temperature range [°C] Driver (C0-C180) / (C90-C270) - 113,8° / 114,6° RG0 10000 IV IV IV IV IV IV IV IV IV	CRI	>80
Photobiological risk class (IEC/EN RG0 62471) Protection against electric shock Protection degree IP20/44 Voltage 220240 V, 5060 Hz Lifetime of LED sources [h] Lx/By L80/B10 Operating temperature range [°C] Driver 114,6° RG0 RG0 10000 IP20/44 Voltage 220240 V, 5060 Hz 100000 5 ÷ 30 5 ÷ 30 Driver Standard on/off (E)	SDCM (LED sources)	3
Protection against electric shock Protection degree Protection degree IP20/44 Voltage 220240 V, 5060 Hz Lifetime of LED sources [h] Lx/By L80/B10 Operating temperature range [°C] Driver IU Protection against electric shock II Protection against electric shock II Protection degree 1P20/44 200240 V, 5060 Hz L80/B10 5 ÷ 30 Standard on/off (E)	Beam angle [°]	
Protection degree IP20/44 Voltage 220240 V, 5060 Hz Lifetime of LED sources [h] 100000 Lx/By L80/B10 Operating temperature range [°C] 5 ÷ 30 Driver standard on/off (E)	` `	RG0
Voltage 220240 V, 5060 Hz Lifetime of LED sources [h] 100000 Lx/By L80/B10 Operating temperature range [°C] 5 ÷ 30 Driver standard on/off (E)	Protection against electric shock	II
Lifetime of LED sources [h] 100000 Lx/By L80/B10 Operating temperature range [°C] 5 ÷ 30 Driver standard on/off (E)	Protection degree	IP20/44
Lx/By L80/B10 Operating temperature range [°C] 5 ÷ 30 Driver standard on/off (E)	Voltage	220240 V, 5060 Hz
Operating temperature range [°C] 5 ÷ 30 Driver standard on/off (E)	Lifetime of LED sources [h]	100000
Driver standard on/off (E)		L80/B10
	Lx/By	
Circuit load canacity 39 (R10) 62 (R16) 64 (C10) 103	,	5 ÷ 30
(C16)	Operating temperature range [°C]	-

Mechanical data



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Assembly	mounted in module ceilings, plasterboard ceilings, directly on the ceiling or using the slings
Material	steel sheet
Color	RAL 9016 (white)
Diffuser	PLX (PMMA opal)
Impact resistant	IK04
Weight [kg]	3,1
Dimensions [mm]	1195 x 295 x 34



A graph of light



