

REWARDING BRIGHTNESS

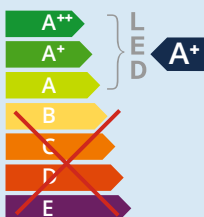


Recessed for modular ceilings

LedPanel 595x595 MLMC

Specifications

Colour	Matt White RAL 9016 (=MW)
Beam Angle (FWHM)	100°
Input Current (DC)	Max. 1050 mAmp (48V)
UGR (4H8H 70/50/20)	<19 (Max. 4400 Lm)
Fixture Material	Metal / PS
Environment/Applications	Indoor
IP Rate	IP20 / IP44
IK Rate	IK03
Operating Temperature	-20°C / +45°C
Safety Marks	EN60598 / EN62031 / EN62471
EMC Compliance	EN55015
Colour consistency (SDCM)	MacAdam step 3
Warranty	7 Years



This luminaire contains built-in LED lamps

The lamps cannot be changed in the luminaire.

874/2012



IP20
IP44

Only when the product is installed in a closed ceiling it may be exposed to water splashes, and only on its front side.

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Item specifications (part A)

Description	Item code	Type	Input	W	Lm	Lm/W	CRI (typ.)	UGR	Pf	Inrush current	B-16A Fuse
LedPanel MLMC 595X595 6500 Lm 3000K CRI80	302303MW63E2	Excl. PSU	1050 mA	14,8-48,8	6500	152-133	83	20.4	x	x	x
LedPanel MLMC 595X595 6850 Lm 4000K CRI80	302303MW64E2	Excl. PSU	1050 mA	14,8-48,8	6850	162-140	83	20.6	x	x	x
LedPanel MLMC 595X595 6850 Lm 5000K CRI80	On request	Excl. PSU	1050 mA	14,8-48,8	6850	162-140	83	20.6	x	x	x
LedPanel MLMC 595X595 6850 Lm 6500K CRI80	302303MW71E2	Excl. PSU	1050 mA	14,8-48,8	6850	162-140	83	20.6	x	x	x
LedPanel MLMC 595X595 5400 Lm 2700K CRI90	On request	Excl. PSU	1050 mA	14,8-48,8	5400	128-111	93		x	x	x
LedPanel MLMC 595X595 5500 Lm 3000K CRI90	On request	Excl. PSU	1050 mA	14,8-48,8	5500	130-112	93		x	x	x
LedPanel MLMC 595X595 5600 Lm 4000K CRI90	On request	Excl. PSU	1050 mA	14,8-48,8	5600	133-115	93		x	x	x

Item specifications (part B)

Description	Safety class	Energy class	Weight	Dimensions single carton	Quantity per pallet	Expected lifespan (25°C)		
						L70B50	L80B50	L90B50
LedPanel MLMC 595X595 6500 Lm 3000K CRI80	III	A+	4986 gr	605x605x90 mm	42 pcs	160.000 hrs	99.000 hrs	45.000 hrs
LedPanel MLMC 595X595 6850 Lm 4000K CRI80	III	A+	4986 gr	605x605x90 mm	42 pcs	160.000 hrs	99.000 hrs	45.000 hrs
LedPanel MLMC 595X595 6850 Lm 5000K CRI80	III	A+	4986 gr	605x605x90 mm	42 pcs	160.000 hrs	99.000 hrs	45.000 hrs
LedPanel MLMC 595X595 6850 Lm 6500K CRI80	III	A+	4986 gr	605x605x90 mm	42 pcs	160.000 hrs	99.000 hrs	45.000 hrs
LedPanel MLMC 595X595 5400 Lm 2700K CRI90	III	A+	4986 gr	605x605x90 mm	42 pcs	160.000 hrs	99.000 hrs	45.000 hrs
LedPanel MLMC 595X595 5500 Lm 3000K CRI90	III	A+	4986 gr	605x605x90 mm	42 pcs	160.000 hrs	99.000 hrs	45.000 hrs
LedPanel MLMC 595X595 5600 Lm 4000K CRI90	III	A+	4986 gr	605x605x90 mm	42 pcs	160.000 hrs	99.000 hrs	45.000 hrs

All values are measured at 230V (+/- 7%). * This luminary has 2 separate circuits and must be connected to 2 PSU's.

Choose your power supply - 45V

mA	W	Lumen Output		Lumen / Watt		UGR		DALI Ripple < 3%	1-10V & Push Ripple < 3%	NO DIM Ripple < 3%	NO DIM Ripple < 20%	TRIAC Ripple < 20%	Tj
		3000K	4000K	3000K	4000K	3000K	4000K						
350	14,8	2250	2400	152	162	16.8	17.0	05CJ ²	05CH ²	05HA ²	x	05CG ²	35,3°C
500	21,6	3250	3450	150	160	18.0	18.2	05CJ ²	05CH ²	05HA ²	x	05CG ²	39,8°C
550	23,9	3550	3750	148	157	18.3	18.5	05CJ ²	05CH ²	05HA ²	x	05CG ²	41,9°C
700	31,2	4450	4700	143	151	19.1	19.3	05CJ ¹	05CH ¹	05HA ¹	x	05CG ¹	46,6°C
900	41,0	5650	5950	138	145	20.0	20.1	05CM ²	05CM ²	05CK ²		05CL ²	52,6°C
1050	48,8	6500	6850	133	140	20.4	20.6	05CM ¹	05CM ¹	05CK ¹		05CL ¹	55,7°C

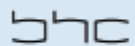
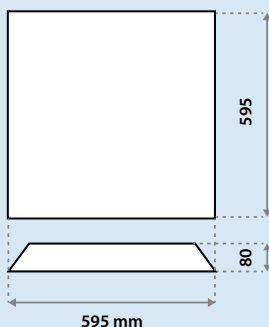
¹ Standard setting. ² Can be set during installation by adjusting DIP-switch settings.

	L70B50	L80B50	L90B50	Tj
350mA	400.000 hrs	238.000 hrs	98.000 hrs	35,3°C
500mA	352.000 hrs	210.000 hrs	88.000 hrs	39,8°C
550mA	328.000 hrs	196.000 hrs	82.000 hrs	41,9°C
700mA	268.000 hrs	162.000 hrs	69.000 hrs	46,6°C
900mA	196.000 hrs	120.000 hrs	53.000 hrs	52,6°C
1050mA	160.000 hrs	99.000 hrs	45.000 hrs	55,7°C



2700-6500K
Ask our sales department about the possibilities.

Dimensions



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Item specifications (part A)

Description	Item code	Type	Input	W	Lm	Lm/W	CRI (typ.)	UGR	Pf	Inrush current	B-16A Fuse
LedPanel MLMC 595X595 6850 Lm 2700-6500K*	302303MW61E2	Excl. PSU	1050 mA	14,8-48,8	6850	162-111	83-93		x	x	x

Item specifications (part B)

Description	Safety class	Energy class	Weight	Dimensions single carton	Quantity per pallet	Expected lifespan (25°C)		
						L70B50	L80B50	L90B50
LedPanel MLMC 595X595 6500 Lm 3000K CRI80	III	A+	4986 gr	605x605x90 mm	42 pcs	160.000 hrs	99.000 hrs	45.000 hrs

All values are measured at 230V (+/- 7%). * This luminary has 2 separate circuits and must be connected to 2 PSU's.

Choose your power supply - 45V 2700-6500 K

mA	W	Lumen Output		Lumen / Watt		UGR		DALI Ripple < 3%	1-10V & Push Ripple < 3%	NO DIM Ripple < 3%	NO DIM Ripple < 20%	TRIAC Ripple < 20%	Tj
		2700K	6500K	2700K	6500K	2700K	6500K						
350	14,8	2250	2400	152	162	16.8	17.0	05CJ ²	05CH ²	05HA ²	x	05CG ²	35,3°C
500	21,6	3250	3450	150	160	18.0	18.2	05CJ ²	05CH ²	05HA ²	x	05CG ²	39,8°C
550 *	23,9	3550	3750	148	157	18.3	18.5	05CJ ²	05CH ²	05HA ²	x	05CG ²	41,9°C
700 *	31,2	4450	4700	143	151	19.1	19.3	05CJ ¹	05CH ¹	05HA ¹	x	05CG ¹	46,6°C
900 *	41,0	5650	5950	138	145	20.0	20.1	05CM ²	05CM ²	05CK ²		05CL ²	52,6°C
1050 *	48,8	6500	6850	133	140	20.4	20.6	05CM ¹	05CM ¹	05CK ¹		05CL ¹	55,7°C

¹ Standard setting. ² Can be set during installation by adjusting DIP-switch settings.

* The maximum of both drive currents together may never exceed 48,8W otherwise the LEDs will be overheated.

	L70B50	L80B50	L90B50	Tj
350mA	400.000 hrs	238.000 hrs	98.000 hrs	35,3°C
500mA	352.000 hrs	210.000 hrs	88.000 hrs	39,8°C
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1050mA	160.000 hrs	99.000 hrs	45.000 hrs	55,7°C



2700-6500K
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Dimensions

