

REWARDING BRIGHTNESS

- Bartenbach reflector technology
- Architectural design
- Low UGR

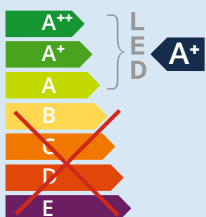


Recessed for modular ceilings

Aviora MLMC

Specifications

Item code	595x595 mm (xx=33), 620x620 mm (xx=27) see item specifications
Colour	Matt white RAL 9016
Beam angle (FWHM)	Standard 85° (100° FWTM), on request 75° (90° FWTM)
UGR (4H8H 70/50/20)	<19
Fixture material	Housing: Metal / Reflector glass: Polycarbonate
Environment	Indoor
IP rate	IP20
IK rate	IK03
Operating temperature (Ta)	-20°C / +45°C
Safety marks	EN60598 / EN62031 / EN 62471
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

REWARDING BRIGHTNESS

Item specifications

Description	Item code	Type	Inrush current	B-16A Fuse	Safety class	Energy class	Weight	Dimensions single carton	Quantity per pallet
Aviora 3000K	XX2503MW63E2	Excl. PSU	x	x	III	A+	3110 gr	630x622x80 mm	22 pcs
Aviora 4000K	XX2503MW64E2	Excl. PSU	x	x	III	A+	3110 gr	630x622x80 mm	22 pcs

Lumen settings

Aviora 3000 K CRI 80

Item code	mA	V*	W	Lm	Lm/W	CRI (typ.)	UGR	Pf	Expected lifespan (25°C)		
									L70B50	L80B50	L90B50
XX2503MW63E2	400	44,4	17,8	2550	143	83	15,3	x	134.000 hrs	82.000 hrs	37.000 hrs
XX2503MW63E2	500	44,7	22,3	3050	134	83	15,7	x	134.000 hrs	82.000 hrs	37.000 hrs
XX2503MW63E2	550	44,9	24,7	3200	130	83	15,8	x	134.000 hrs	82.000 hrs	37.000 hrs
XX2503MW63E2	700	45,0	31,5	3850	122	83	16,5	x	134.000 hrs	82.000 hrs	37.000 hrs
XX2503MW63E2	900	46,8	42,1	4700	111	83	17,2	x	131.000 hrs	80.000 hrs	35.000 hrs
XX2503MW63E2	1050	47,4	49,8	5200	104	83	17,5	x	129.000 hrs	78.000 hrs	33.000 hrs

Aviora 4000 K CRI 80

Item code	mA	V*	W	Lm	Lm/W	CRI (typ.)	UGR	Pf	Expected lifespan (25°C)		
									L70B50	L80B50	L90B50
XX2503MW64E2	400	44,4	17,8	2650	149	83	15,4	x	134.000 hrs	82.000 hrs	37.000 hrs
XX2503MW64E2	500	44,7	22,3	3200	143	83	15,8	x	134.000 hrs	82.000 hrs	37.000 hrs
XX2503MW64E2	550	44,9	24,7	3400	137	83	16,0	x	134.000 hrs	82.000 hrs	37.000 hrs
XX2503MW64E2	700	45,0	31,5	4050	128	83	16,6	x	134.000 hrs	82.000 hrs	37.000 hrs
XX2503MW64E2	900	46,8	42,1	4900	116	83	17,3	x	131.000 hrs	80.000 hrs	35.000 hrs
XX2503MW64E2	1050	47,4	49,8	5500	110	83	17,7	x	129.000 hrs	78.000 hrs	33.000 hrs

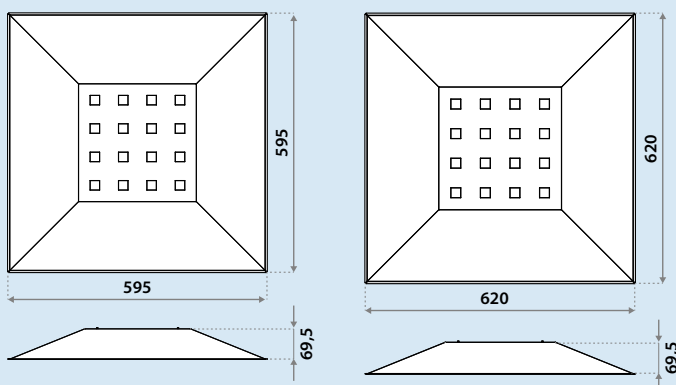
* The direct-current driver must be capable of supplying at least this voltage.

Power supply units - 48V 3000 & 4000K

mA	W	Lumen Output		Lumen / Watt		DALI	1-10 V	Triac < 3%	No dim < 3%	No dim < 20%
		3000K	4000K	3000K	4000K					
400	17,8	2550	2650	143	149	05CJ ²	05CH ²	05CG ²	05HA ²	x
500	22,3	3050	3200	137	143	05CJ ²	05CH ²	05CG ²	05HA ²	x
550	24,7	3200	3400	130	138	05CJ ²	05CH ²	05CG ²	05HA ²	x
700	31,5	3850	4050	122	129	05CJ ¹	05CH ¹	05CG ¹	05HA ¹	x
900	42,1	4700	4900	112	116	05CM ²	05CM ²	x	05CK ²	05CL ²
1050	49,8	5200	5500	104	110	05CM ¹	05CM ¹	x	05CK ¹	05CL ¹

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

Dimensions



REWARDING BRIGHTNESS

Item specifications

Description	Item code	Type	Inrush current	B-16A Fuse	Safety class	Energy class	Weight	Dimensions single carton	Quantity per pallet
Aviora 2700-6500K	XX2503MW61E2	Excl. PSU	x	x	III	A+	3110 gr	630x622x80 mm	22 pcs

Lumen settings

Aviora 2700 K CRI 80

Item code	mA	V*	W	Lm	Lm/W	CRI (typ.)	UGR	Pf	Expected lifespan (25°C)		
									L70B50	L80B50	L90B50
XX2503MW61E2	400	44,4	17,8	2100	118	83	15,3	x	103.000 hrs	65.000 hrs	31.000 hrs
XX2503MW61E2	500	44,7	22,3	2300	103	83	15,7	x	103.000 hrs	65.000 hrs	31.000 hrs
XX2503MW61E2	550	Not allowed									
XX2503MW61E2	700	Not allowed									
XX2503MW61E2	900	Not allowed									
XX2503MW61E2	1050	Not allowed									

Aviora 6500 K CRI 80

Item code	mA	V*	W	Lm	Lm/W	CRI (typ.)	UGR	Pf	Expected lifespan (25°C)		
									L70B50	L80B50	L90B50
XX2503MW61E2	400	44,4	17,8	2250	126	83	15,4	x	103.000 hrs	65.000 hrs	31.000 hrs
XX2503MW61E2	500	44,7	22,3	2500	112	83	15,8	x	103.000 hrs	65.000 hrs	31.000 hrs
XX2503MW61E2	550	Not allowed									
XX2503MW61E2	700	Not allowed									
XX2503MW61E2	900	Not allowed									
XX2503MW61E2	1050	Not allowed									

* The direct-current driver must be capable of supplying at least this voltage.

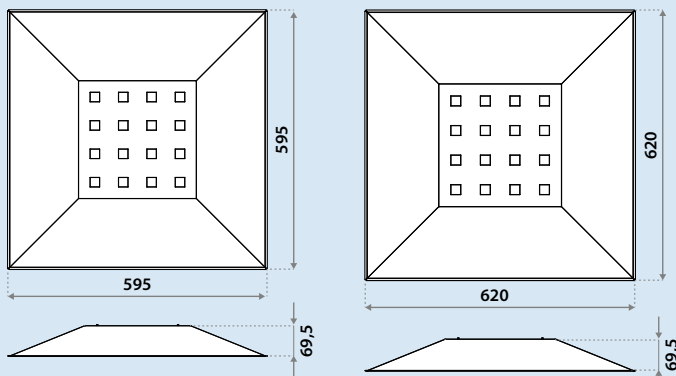
Power supply units - 48V 2700-6500K

Lamp current*	Lamp Wattage	Lumen Output		Lumen / Watt		DALI	1-10 V	Triac < 3%	No dim < 3%	No dim < 20%
		2700K	6500K	2700K	6500K					
400 mA	17,8W	2100	2250	118	126	05CJ ²	05CH ²	05CG ²	05HA ²	x
500 mA	22,3W	2300	2500	103	112	05CJ ²	05CH ²	05CG ²	05HA ²	x

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

* This luminaire has 2 separate LED channels (1x 2700K and 1x 6500K). Both LED channels can be driven at their maximum drive current at the same time.

Dimensions



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

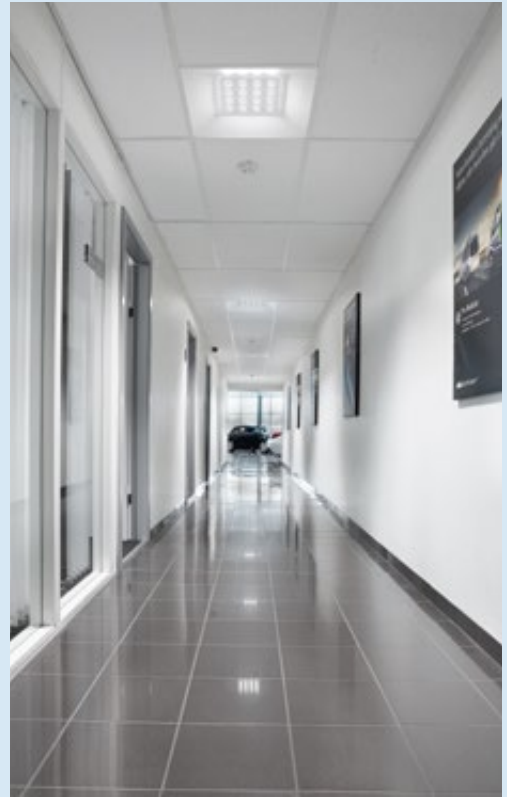
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connectivity

REWARDING BRIGHTNESS

Application



Aviora - Mercedes DK