

Bartenbach
lighting optics



- Bartenbach reflector technology
- Architectural design
- Low UGR

Aviora 595x595/620x620 LV

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° (95° 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 ¹
Safety marks	EN60598 / EN62031 / EN 62471
EMC compliance	EN55015
Colour consistency (SDCM)	MacAdam step 3
Warranty	7 Years
Energy class	A+

This luminaire contains built-in LED lamps. The lamps cannot be changed in the luminaire. EU 874/2012

¹ In applications with a flat roof (f.i. car showrooms) the temperatures may exceed 45°C. Please ask our sales office for a special driver.



Ask our sales department
about the possibilities for:
Tunable white 2700-6500K.

IP20

ITEM SPECIFICATIONS (PART A)

Description	Item code	Type	Input	W	Lm	Lm/W	CRI (typ.)	UGR	Pf	Ripple	Inrush current	B-16A Fuse
Aviora LV 4100 Lm 3000K No dim	XX2503MW6E02	Incl. PSU	220-240V	37,3	4100	110	83	16.8	0.98	<3%	5A 50μS	50 pcs
Aviora LV 4100 Lm 3000K 1-10V & Push	XX2503MW6A02	Incl. PSU	220-240V	37,3	4100	110	83	16.8	0.98	<3%	5A 50μS	50 pcs
Aviora LV 4100 Lm 3000K Dali	XX2503MW6C02	Incl. PSU	220-240V	37,3	4100	110	83	16.8	0.98	<3%	5A 50μS	50 pcs
Aviora LV 5350 Lm 3000K No dim	XX2503MW6L02	Incl. PSU	220-240V	56,0	5350	96	83	17.8	0.95	<3%	20A 400μS	15 pcs
Aviora LV 5350 Lm 3000K 1-10V & Push	XX2503MW6G02	Incl. PSU	220-240V	56,0	5350	96	83	17.8	0.95	<3%	20A 400μS	15 pcs
Aviora LV 5350 Lm 3000K Dali	XX2503MW6J02	Incl. PSU	220-240V	56,0	5350	96	83	17.8	0.95	<3%	20A 400μS	15 pcs
Aviora LV 4350 Lm 4000K No dim	XX2503MW6F02	Incl. PSU	220-240V	37,3	4350	117	83	17.0	0.98	<3%	5A 50μS	50 pcs
Aviora LV 4350 Lm 4000K 1-10V & Push	XX2503MW6B02	Incl. PSU	220-240V	37,3	4350	117	83	17.0	0.98	<3%	5A 50μS	50 pcs
Aviora LV 4350 Lm 4000K Dali	XX2503MW6D02	Incl. PSU	220-240V	37,3	4350	117	83	17.0	0.98	<3%	5A 50μS	50 pcs
Aviora LV 5650 Lm 4000K No dim	XX2503MW6M02	Incl. PSU	220-240V	56,0	5650	101	83	17.9	0.95	<3%	20A 400μS	15 pcs
Aviora LV 5650 Lm 4000K 1-10V & Push	XX2503MW6H02	Incl. PSU	220-240V	56,0	5650	101	83	17.9	0.95	<3%	20A 400μS	15 pcs
Aviora LV 5650 Lm 4000K Dali	XX2503MW6K02	Incl. PSU	220-240V	56,0	5650	101	83	17.9	0.95	<3%	20A 400μS	15 pcs
Aviora LV 3450Lm 2700-6500K Dali	XX2503MW6P02	Incl. PSU	110-240V	26,6	3450	139	83	16.3	> 0.90	<3%	5A 50μS	50 pcs
Aviora LV 3450Lm 2700-6500K Casambi	XX2503MW6Q02	Incl. PSU	110-240V	26,6	3450	139	83	16.3	> 0.90	<3%	5A 50μS	50 pcs

ITEM SPECIFICATIONS (PART B)

Description	Safety class	Energy class	Weight	Dimensions single carton	Quantity per pallet	Expected lifespan (25°C)		
						L70B10	L80B10	L90B10
Aviora LV 4100 Lm 3000K No dim	II	A+	3315 gr	630x622x80 mm	22 pcs	>100.000 hrs	>100.000 hrs	54.000 hrs
Aviora LV 4100 Lm 3000K 1-10V & Push	II	A+	3315 gr	630x622x80 mm	22 pcs	>100.000 hrs	>100.000 hrs	54.000 hrs
Aviora LV 4100 Lm 3000K Dali	II	A+	3315 gr	630x622x80 mm	22 pcs	>100.000 hrs	>100.000 hrs	54.000 hrs
Aviora LV 5350 Lm 3000K No dim	II	A+	3315 gr	630x622x80 mm	22 pcs	>100.000 hrs	>100.000 hrs	54.000 hrs
Aviora LV 5350 Lm 3000K 1-10V & Push	II	A+	3315 gr	630x622x80 mm	22 pcs	>100.000 hrs	>100.000 hrs	54.000 hrs
Aviora LV 5350 Lm 3000K Dali	II	A+	3315 gr	630x622x80 mm	22 pcs	>100.000 hrs	>100.000 hrs	54.000 hrs
Aviora LV 4350 Lm 4000K No dim	II	A+	3315 gr	630x622x80 mm	22 pcs	>100.000 hrs	>100.000 hrs	54.000 hrs
Aviora LV 4350 Lm 4000K 1-10V & Push	II	A+	3315 gr	630x622x80 mm	22 pcs	>100.000 hrs	>100.000 hrs	54.000 hrs
Aviora LV 4350 Lm 4000K Dali	II	A+	3315 gr	630x622x80 mm	22 pcs	>100.000 hrs	>100.000 hrs	54.000 hrs
Aviora LV 5650 Lm 4000K No dim	II	A+	3315 gr	630x622x80 mm	22 pcs	>100.000 hrs	>100.000 hrs	54.000 hrs
Aviora LV 5650 Lm 4000K 1-10V & Push	II	A+	3315 gr	630x622x80 mm	22 pcs	>100.000 hrs	>100.000 hrs	54.000 hrs
Aviora LV 5650 Lm 4000K Dali	II	A+	3315 gr	630x622x80 mm	22 pcs	>100.000 hrs	>100.000 hrs	54.000 hrs
Aviora LV 3450Lm 2700-6500K Dali	I	A+	3315 gr	630x622x80 mm	22 pcs	>100.000 hrs	>100.000 hrs	54.000 hrs
Aviora LV 3450Lm 2700-6500K Casambi	I	A+	3315 gr	630x622x80 mm	22 pcs	>100.000 hrs	>100.000 hrs	54.000 hrs

All values are measured at 230V (+/- 7%)

CHOOSE YOUR LUMEN OUTPUT

Item	mA	W	Lumen Output		Lumen / Watt		UGR chrome		Driver types			
			3000K	4000K	3000K	4000K	3000K	4000K	No dim	1-10V&Push	Dali	Casambi
Special request	500	26,6	3200	3400	120	128	14.8	15.0	127480N	125421	123424	On request
Special request	550	29,3	3500	3750	119	128	15.1	15.4	127480N	125421	123424	On request
Standard	700	37,3	4100	4350	110	117	15.7	15.9	127480N	125421	123424	On request
Special request	900	47,5	5000	5300	105	112	16.4	16.6	122204	127413	ECO560A	On request
Standard	1050	56,0	5350	5650	96	101	16.6	16.8	122204	127413	ECO560A	On request

DIMENSIONS

