

Bartenbach
lighting optics

Aviora SM 595x595

Surface mounted

SPECIFICATIONS

Colour	Matt white RAL 9016 (=MW)
Beam angle (FWHM)	Standaard 85° (100° FWTM) / On request 75° (95° FWTM)
UGR (4H8H 70/50/20)	<19
Fixture material	Housing: Steel / Reflector glass: Polycarbonate
Environment	Indoor
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 * (within the European Union and the countries of the Free Trade Association for products delivered after 1 May 2015)
Energy class	A+

This luminaire contains built-in LED lamps. There are no exchangeable parts inside the luminaire. EU 874/2012

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

MADE IN
HOLLAND7 YEAR
WARRANTY

ECO

IP20

ITEM SPECIFICATIONS (PART A)

Description	Item code	Extra	Input	W	Lm	Lm/W	CRI (typ.)	UGR	Pf	Ripple	Inrush current	B-16A Fuse
Aviora SM 595x595 4100 Lm 3000K No dim	3CED03MWF202	Incl. PSU	220-240V	37,3	4100	110	83	15.7	0.98	<3%	5A 50µS	50 pcs
Aviora SM 595x595 4100 Lm 3000K 1-10V & Push	3CED03MWG202	Incl. PSU	220-240V	37,3	4100	110	83	15.7	0.95	<3%	5A 50µS	50 pcs
Aviora SM 595x595 4100 Lm 3000K Dali	3CED03MWH202	Incl. PSU	220-240V	37,3	4100	110	83	15.7	0.95	<3%	5A 50µS	50 pcs
Aviora SM 595x595 5350 Lm 3000K No dim	3CEE03MWF202	Incl. PSU	220-240V	56,0	5350	96	83	16.6	0.95	<3%	20A 400µS	15 pcs
Aviora SM 595x595 5350 Lm 3000K 1-10V & Push	3CEE03MWG202	Incl. PSU	220-240V	56,0	5350	96	83	16.6	0.95	<3%	20A 400µS	15 pcs
Aviora SM 595x595 5350 Lm 3000K Dali	3CEE03MWH202	Incl. PSU	220-240V	56,0	5350	96	83	16.6	0.95	<3%	20A 400µS	15 pcs
Aviora SM 595x595 4350 Lm 4000K No dim	3CED03MWF302	Incl. PSU	220-240V	37,3	4350	117	83	15.9	0.98	<3%	5A 50µS	50 pcs
Aviora SM 595x595 4350 Lm 4000K 1-10V & Push	3CED03MWG302	Incl. PSU	220-240V	37,3	4350	117	83	15.9	0.95	<3%	5A 50µS	50 pcs
Aviora SM 595x595 4350 Lm 4000K Dali	3CED03MWH302	Incl. PSU	220-240V	37,3	4350	117	83	15.9	0.95	<3%	5A 50µS	50 pcs
Aviora SM 595x595 5650 Lm 4000K No dim	3CEE03MWF302	Incl. PSU	220-240V	56,0	5650	101	83	16.8	0.95	<3%	20A 400µS	15 pcs
Aviora SM 595x595 5650 Lm 4000K 1-10V & Push	3CEE03MWG302	Incl. PSU	220-240V	56,0	5650	101	83	16.8	0.95	<3%	20A 400µS	15 pcs
Aviora SM 595x595 5650 Lm 4000K Dali	3CEE03MWH302	Incl. PSU	220-240V	56,0	5650	101	83	16.8	0.95	<3%	20A 400µS	15 pcs

ITEM SPECIFICATIONS (PART B)

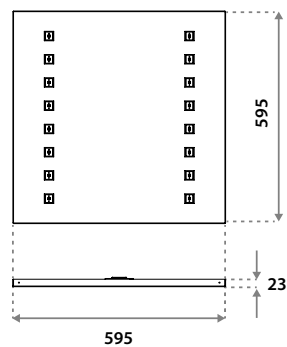
Description	Safety class	Energy class	Weight	Dimensions single carton	Quantity per pallet	Expected lifespan (25°C)		
						L70B10	L80B10	L90B10
Aviora SM 595x595 4100 Lm 3000K No dim	II	A+	8235 gr	605x605x90 mm	66 pcs	>100.000 hrs	>100.000 hrs	54.000 hrs
Aviora SM 595x595 4100 Lm 3000K 1-10V & Push	II	A+	8235 gr	605x605x90 mm	66 pcs	>100.000 hrs	>100.000 hrs	54.000 hrs
Aviora SM 595x595 4100 Lm 3000K Dali	II	A+	8235 gr	605x605x90 mm	66 pcs	>100.000 hrs	>100.000 hrs	54.000 hrs
Aviora SM 595x595 5350 Lm 3000K No dim	II	A+	8235 gr	605x605x90 mm	66 pcs	>100.000 hrs	>100.000 hrs	54.000 hrs
Aviora SM 595x595 5350 Lm 3000K 1-10V & Push	II	A+	8235 gr	605x605x90 mm	66 pcs	>100.000 hrs	>100.000 hrs	54.000 hrs
Aviora SM 595x595 5350 Lm 3000K Dali	II	A+	8235 gr	605x605x90 mm	66 pcs	>100.000 hrs	>100.000 hrs	54.000 hrs
Aviora SM 595x595 4350 Lm 4000K No dim	II	A+	8235 gr	605x605x90 mm	66 pcs	>100.000 hrs	>100.000 hrs	54.000 hrs
Aviora SM 595x595 4350 Lm 4000K 1-10V & Push	II	A+	8235 gr	605x605x90 mm	66 pcs	>100.000 hrs	>100.000 hrs	54.000 hrs
Aviora SM 595x595 4350 Lm 4000K Dali	II	A+	8235 gr	605x605x90 mm	66 pcs	>100.000 hrs	>100.000 hrs	54.000 hrs
Aviora SM 595x595 5650 Lm 4000K No dim	II	A+	8235 gr	605x605x90 mm	66 pcs	>100.000 hrs	>100.000 hrs	54.000 hrs
Aviora SM 595x595 5650 Lm 4000K 1-10V & Push	II	A+	8235 gr	605x605x90 mm	66 pcs	>100.000 hrs	>100.000 hrs	54.000 hrs
Aviora SM 595x595 5650 Lm 4000K Dali	II	A+	8235 gr	605x605x90 mm	66 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	122200	125421	123424	On request
Special request	550	29,3	3500	3750	119	128	15.1	15.4	122200	125421	123424	On request
Standard	700	37,3	4100	4350	110	117	15.7	15.9	122200	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



BACKSIDE

