

FEATURES

- Bartenbach reflector technology
- Architectural design
- Low UGR

Bartenbach [®]
lighting optics



Aviora FL 3L 1720x100 (Gen2) LV

SPECIFICATIONS

Colour	Matt white RAL 9016 (=MW)
Beam angle (FWHM)	Standard 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	These products contains a light source of energy efficiency class F (2700-6500K) / F (3000K) / E (4000K)

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.



IP20

22-04-2022

ITEM SPECIFICATIONS (PART A)

Description	Item code	Extra	Input	W	Lm	Lm/W	CRI (typ.)	UGR	Pf	Ripple	Inrush current	B-16A Fuse
Aviora FL 3L 1720x100 Gen2 3200Lm 3000K No dim	3AC603MWXA02	Incl. PSU	220-240V	23,8	3200	135	83	15,6	0,95	≤ 3%	5A 50µsec	50 pcs
Aviora FL 3L 1720x100 Gen2 3200Lm 3000K 1-10V & Push	3AC603MWXE02	Incl. PSU	220-240V	23,8	3200	135	83	15,6	0,95	≤ 3%	5A 50µsec	50 pcs
Aviora FL 3L 1720x100 Gen2 3200Lm 3000K Dali	3AC603MWXC02	Incl. PSU	220-240V	23,8	3200	135	83	15,6	0,95	≤ 3%	5A 50µsec	50 pcs
Aviora FL 3L 1720x100 Gen2 4500Lm 3000K No dim	3AC603MWSG02	Incl. PSU	220-240V	33,6	4500	133	83	16,7	0,95	≤ 3%	5A 50µsec	50 pcs
Aviora FL 3L 1720x100 Gen2 4500Lm 3000K 1-10V & Push	3AC603MWSM02	Incl. PSU	220-240V	33,6	4500	133	83	16,7	0,95	≤ 3%	5A 50µsec	50 pcs
Aviora FL 3L 1720x100 Gen2 4500Lm 3000K Dali	3AC603MWSK02	Incl. PSU	220-240V	33,6	4500	133	83	16,7	0,95	≤ 3%	5A 50µsec	50 pcs
Aviora FL 3L 1720x100 Gen2 6500Lm 3000K No dim	3AC603MWTR02	Incl. PSU	220-240V	51,0	6500	127	83	18	0,95	≤ 3%	20A 400µsec	15 pcs
Aviora FL 3L 1720x100 Gen2 6500Lm 3000K 1-10V & Push	3AC603MWTT02	Incl. PSU	220-240V	51,0	6500	127	83	18	0,95	≤ 3%	10A 200µsec	30 pcs
Aviora FL 3L 1720x100 Gen2 6500Lm 3000K Dali	3AC603MWTV02	Incl. PSU	220-240V	51,0	6500	127	83	18	0,95	≤ 5%	<100mA's	22 pcs
Aviora FL 3L 1720x100 Gen2 3350Lm 4000K No dim	3AC603MWXB02	Incl. PSU	220-240V	23,8	3350	142	83	15,7	0,95	≤ 3%	5A 50µsec	50 pcs
Aviora FL 3L 1720x100 Gen2 3350Lm 4000K 1-10V & Push	3AC603MWXF02	Incl. PSU	220-240V	23,8	3350	142	83	15,7	0,95	≤ 3%	5A 50µsec	50 pcs
Aviora FL 3L 1720x100 Gen2 3350Lm 4000K Dali	3AC603MWXD02	Incl. PSU	220-240V	23,8	3350	142	83	15,7	0,95	≤ 3%	5A 50µsec	50 pcs
Aviora FL 3L 1720x100 Gen2 4700Lm 4000K No dim	3AC603MWSH02	Incl. PSU	220-240V	33,6	4700	139	83	16,9	0,95	≤ 3%	5A 50µsec	50 pcs
Aviora FL 3L 1720x100 Gen2 4700Lm 4000K 1-10V & Push	3AC603MWSN02	Incl. PSU	220-240V	33,6	4700	139	83	16,9	0,95	≤ 3%	5A 50µsec	50 pcs
Aviora FL 3L 1720x100 Gen2 4700Lm 4000K Dali	3AC603MWSL02	Incl. PSU	220-240V	33,6	4700	139	83	16,9	0,95	≤ 3%	5A 50µsec	50 pcs
Aviora FL 3L 1720x100 Gen2 6700Lm 4000K No dim	3AC603MWTS02	Incl. PSU	220-240V	51,0	6700	132	83	18,1	0,95	≤ 3%	20A 400µsec	15 pcs
Aviora FL 3L 1720x100 Gen2 6700Lm 4000K 1-10V & Push	3AC603MWTU02	Incl. PSU	220-240V	51,0	6700	132	83	18,1	0,95	≤ 3%	10A 200µsec	30 pcs
Aviora FL 3L 1720x100 Gen2 6700Lm 4000K Dali	3AC603MWTW02	Incl. PSU	220-240V	51,0	6700	132	83	18,1	0,95	≤ 5%	<100mA's	22 pcs
Aviora FL 3L 1720x100 3450Lm 2700-6500K Dali	3ADH03MW6T02	Incl. PSU	220-240V	26,6	3450	139	83	17,2	0,9	≤ 5%	< 200mA's	22 pcs
Aviora FL 3L 1720x100 3450Lm 2700-6500K Casambi	3ADH03MW6U02	Incl. PSU	220-240V	26,6	3450	139	83	17,2	0,9	≤ 5%	< 200mA's	22 pcs

ITEM SPECIFICATIONS (PART B)

Description	Safety class	Energy class	Weight	Dimensions single carton	Quantity per pallet	Expected lifespan B10 reported (25°C)		
						L70B10	L80B10	L90B10
Aviora FL 3L 1720x100 Gen2 3200Lm 3000K No dim	II	F	3735 gr	1720x192x100 mm	384 pcs	>54.000 hrs	>54.000 hrs	>54.000 hrs
Aviora FL 3L 1720x100 Gen2 3200Lm 3000K 1-10V & Push	II	F	3735 gr	1720x192x100 mm	384 pcs	>54.000 hrs	>54.000 hrs	>54.000 hrs
Aviora FL 3L 1720x100 Gen2 3200Lm 3000K Dali	II	F	3735 gr	1720x192x100 mm	384 pcs	>54.000 hrs	>54.000 hrs	>54.000 hrs
Aviora FL 3L 1720x100 Gen2 4500Lm 3000K No dim	I	F	3735 gr	1720x192x100 mm	384 pcs	>54.000 hrs	>54.000 hrs	>54.000 hrs
Aviora FL 3L 1720x100 Gen2 4500Lm 3000K 1-10V & Push	II	F	3735 gr	1720x192x100 mm	384 pcs	>54.000 hrs	>54.000 hrs	>54.000 hrs
Aviora FL 3L 1720x100 Gen2 4500Lm 3000K Dali	II	F	3735 gr	1720x192x100 mm	384 pcs	>54.000 hrs	>54.000 hrs	>54.000 hrs
Aviora FL 3L 1720x100 Gen2 6500Lm 3000K No dim	II	F	3735 gr	1720x192x100 mm	384 pcs	>54.000 hrs	>54.000 hrs	>54.000 hrs
Aviora FL 3L 1720x100 Gen2 6500Lm 3000K 1-10V & Push	II	F	3735 gr	1720x192x100 mm	384 pcs	>54.000 hrs	>54.000 hrs	>54.000 hrs
Aviora FL 3L 1720x100 Gen2 6500Lm 3000K Dali	I	F	3735 gr	1720x192x100 mm	384 pcs	>54.000 hrs	>54.000 hrs	>54.000 hrs
Aviora FL 3L 1720x100 Gen2 3350Lm 4000K No dim	II	E	3735 gr	1720x192x100 mm	384 pcs	>54.000 hrs	>54.000 hrs	>54.000 hrs
Aviora FL 3L 1720x100 Gen2 3350Lm 4000K 1-10V & Push	II	E	3735 gr	1720x192x100 mm	384 pcs	>54.000 hrs	>54.000 hrs	>54.000 hrs
Aviora FL 3L 1720x100 Gen2 3350Lm 4000K Dali	II	E	3735 gr	1720x192x100 mm	384 pcs	>54.000 hrs	>54.000 hrs	>54.000 hrs
Aviora FL 3L 1720x100 Gen2 4700Lm 4000K No dim	I	E	3735 gr	1720x192x100 mm	384 pcs	>54.000 hrs	>54.000 hrs	>54.000 hrs
Aviora FL 3L 1720x100 Gen2 4700Lm 4000K 1-10V & Push	II	E	3735 gr	1720x192x100 mm	384 pcs	>54.000 hrs	>54.000 hrs	>54.000 hrs
Aviora FL 3L 1720x100 Gen2 4700Lm 4000K Dali	II	E	3735 gr	1720x192x100 mm	384 pcs	>54.000 hrs	>54.000 hrs	>54.000 hrs
Aviora FL 3L 1720x100 Gen2 6700Lm 4000K No dim	II	E	3735 gr	1720x192x100 mm	384 pcs	>54.000 hrs	>54.000 hrs	>54.000 hrs
Aviora FL 3L 1720x100 Gen2 6700Lm 4000K 1-10V & Push	II	E	3735 gr	1720x192x100 mm	384 pcs	>54.000 hrs	>54.000 hrs	>54.000 hrs
Aviora FL 3L 1720x100 Gen2 6700Lm 4000K Dali	I	E	3735 gr	1720x192x100 mm	384 pcs	>54.000 hrs	>54.000 hrs	>54.000 hrs
Aviora FL 3L 1720x100 3450Lm 2700-6500K Dali	I	F	3735 gr	1720x192x100 mm	384 pcs	>54.000 hrs	>54.000 hrs	>54.000 hrs
Aviora FL 3L 1720x100 3450Lm 2700-6500K Casambi	I	F	3735 gr	1720x192x100 mm	384 pcs	>54.000 hrs	>54.000 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
Standard	500	23,8	3200	3350	135	142	15.6	15.7	I27570	I25421	I27576	I27630
<i>Special request</i>	600	28,6	3850	4000	134	139	16.2	16.3	I27480N	I25421	I23424	I27630
Standard	700	33,6	4500	4700	133	139	16.7	16.9	I27480N	I25421	I23424	I27630
<i>Special request</i>	900	43,5	5800	6000	133	138	17.6	17.7	I22204	I27413	ECO560A	x
Standard	1050	51,0	6500	6700	127	132	18.0	18.1	I22204	I27413	ECO560A	x

DIMENSIONS

