

Configurator JUNIOR GEN4



Luminaire		Generation	Size	Enclosure/Dome	Light source - Colour Temperature + N° LEDs + Intensity	Optical distribution	Fixation	Voltage (V)	Electric class	Equipment / Regulation	CLO	Surge Protection	Socket connection	Sensor	Communication Node	Colour											
JNR	JUNIOR	4	Generation 4	Z	No size	AC High dome + flat glass AG High dome + lenticular glass BC Shallow dome + flat glass BG Shallow dome + lenticular glass	Consult attached Tables	SME1 Throw 70° spread 40° (Type II) SMA1 Throw 65° spread 65° (Type VS) AMM1 Throw 70° spread 35/50° (Type II) SCM1 Throw 50° spread 50° (Type VS) AME1 Throw 70° spread 15/25° (Type II) ALM1 Throw 75° spread 10/45° (Type II) AME2 Throw 70° spread 15/40° (Type II) AMA1 Throw 65° spread 65° (Type V)	VB2 Vertical arm diameter 60mm SE2 Prepared for fixings JFL 60, JFVD 60 Y, JFVS 60 (E1)	A	220-240	1	Class I	1N	Level 1 (Driver 1-10V)	Z	No dimming	S	Without protector	S	Without base	S	Without sensor	SO	No node	716T	Gray RAL 7015 Textured
									2	Class II	RC	Regulable at headland (LRD)	7	Programmed at 70% luminous flux throughout the life of the luminaire (CL7)	P	With protector (10kV-10kA)	3	NEMA SOCKET 0N / OFF WITHOUT COVER (3)(5)	1	PHOTOCELL FOR SOCKET NEMA 5.5 y 7 (20 LUX) (8)	ON	Controlux ONE (8)					
											RD	DALI protocol adjustable (LRD)	8	Programmed at 80% luminous flux throughout the life of the luminaire (CL8)			U	NEMA SOCKET 0N / OFF WITH IP66 COVER (8)(5)	2	PHOTOCELL FOR UPPER ZHAGA BASE (20 LUX) (7)	BS	Controlux BASIC (MCU) (8)					
											AF	1-10V protocol adjustable (ANF)	9	Programmed at 90% luminous flux throughout the life of the luminaire (CL9)			6	NEMA SOCKET 5 PINS WITHOUT COVER (4)(6)									
											56	Program to dim 50% from 00:00 to 06:00					V	NEMA SOCKET 5 PIN WITH IP66 COVER (4)(6)									
											66	Program to dim to 60% from 00:00 to 06:00					7	NEMA SOCKET 7 PINS WITHOUT COVER (4)(6)									
											76	Program to dim 70% from 00:00 to 06:00					W	NEMA SOCKET 7 PIN WITH IP66 COVER (4)(6)									
											SC	Regulable according to customer (LRTSC)					4	ZHAGA TOP SOCKET 4 PINS WITHOUT COVER (6)									
											2N	Double level (LSW16) (1)					X	ZHAGA TOP SOCKET 4 PINS WITH IP66 COVER (6)									
											RL	Regulable by lines															
											SR	Regulable Sensor Ready (D4) (2)															

EXCLUSIONS AND INCLUSIONS
1. The standard programming of the ZN is LSW16. 2. The SR equipment must be supplied with Base 4 and X. 3. Base 3 and U, supplied with 1N equipment. 4. Base 5, V and 7, W, supplied with RD or AF equipment. 5. NEMA and ZHAGA bases are not compatible with 0N or BS nodes. 6. Sensor 1, supplied for NEMA 3, U, 5, V, 7 or W bases. 7. Sensor 2, supplied with SR only programmed driver and ZHAGA 4 or X bases. 8. The communication nodes 0N and BS are supplied with RD or AF equipment.

ACCESSORIES
JFL 60 Side fixing 60mmx100mm JFVD 60 Double vertical fixing 60mmx100mm JFVS 60 Simple vertical fixing 60mmx100mm BHM Side wall arm 60mmx100mm BVM Vertical wall arm 60mmx100mm CSENS Presence sensor for column

EXCLUSIONS AND INCLUSIONS OF ACCESSORIES
E1. For the SE2 fixing, not included in the luminaire, you must select the JFL 60, JFVD 60 and JFVS 60 accessories. 1. C.SENS, only available with AF

JUNIOR GEN4



Flat glass (AC/BC) 4000K

Codification	Closure	T° of colour (K)	N° LEDs	Current operation (mA)	Total useful flow (lm)	Total power with Driver (W)	25 ° C efficiency (lm / W)	Power factor (Ø)
0024024A	AC/BC	4000K	24	200	2213	17	130	0,94
0034024C	AC/BC	4000K	24	300	3216	24	137	0,94
0044024E	AC/BC	4000K	24	400	4148	31	135	0,96
0054024G	AC/BC	4000K	24	500	5019	38	132	0,97
0064024I	AC/BC	4000K	24	600	5829	45	129	0,98
0074024K	AC/BC	4000K	24	700	6585	53	124	0,98
0034032A	AC/BC	4000K	32	200	2796	21	133	0,92
0044032C	AC/BC	4000K	32	300	4076	30	134	0,96
0054032E	AC/BC	4000K	32	400	5271	40	133	0,97
0064032G	AC/BC	4000K	32	500	6378	49	130	0,98
0074032I	AC/BC	4000K	32	600	7389	59	126	0,98
0084032K	AC/BC	4000K	32	700	8295	68	122	0,99
0044048A	AC/BC	4000K	48	200	4379	31	143	0,93
0064048C	AC/BC	4000K	48	300	6324	44	142	0,98
0084048E	AC/BC	4000K	48	400	8117	59	139	0,99
0104048G	AC/BC	4000K	48	500	9749	73	133	0,99

Flat glass (AC/BC) 3000K

Codification	Closure	T° of colour (K)	N° LEDs	Current operation (mA)	Total useful flow (lm)	Total power with Driver (W)	25 ° C efficiency (lm / W)	Power factor (Ø)
0023024A	AC/BC	3000K	24	200	2159	17	127	0,94
0033024C	AC/BC	3000K	24	300	3107	24	132	0,94
0043024E	AC/BC	3000K	24	400	3972	31	130	0,96
0053024G	AC/BC	3000K	24	500	4787	38	126	0,97
0063024I	AC/BC	3000K	24	600	5524	45	122	0,98
0063024K	AC/BC	3000K	24	700	6187	53	117	0,98
0033032A	AC/BC	3000K	32	200	2728	21	129	0,92
0043032C	AC/BC	3000K	32	300	3938	30	130	0,96
0053032E	AC/BC	3000K	32	400	5047	40	127	0,97
0063032G	AC/BC	3000K	32	500	6084	49	124	0,98
0073032I	AC/BC	3000K	32	600	7002	59	120	0,98
0083032K	AC/BC	3000K	32	700	7795	68	114	0,99
0043048A	AC/BC	3000K	48	200	4271	31	139	0,93
0063048C	AC/BC	3000K	48	300	6109	44	137	0,98
0083048E	AC/BC	3000K	48	400	7771	59	133	0,99
0093048G	AC/BC	3000K	48	500	9299	73	127	0,99
0113048I	AC/BC	3000K	48	600	10593	88	121	0,98
0123048K	AC/BC	3000K	48	700	11662	102	114	0,99

Tolerances: LED Flux +- 7%. Total luminaire power +- 9%.

Note: Correct data at the date of printing. The company reserves the right to modify the values at any time.



C. & G. CARANDINI, S.A.U. Verneda, 66-70 E-08107 Martorelles (Barcelona)
Tel +34 93.317.40.08 - Fax +34 93.317.18.90 - carandini@carandini.com - www.carandini.com

JUNIOR GEN4



Flat glass (AC/BC) 2700K

Codification	Closure	T° of colour (K)	N° LEDs	Current operation (mA)	Total useful flow (lm)	Total power with Driver (W)	25 ° C efficiency (lm / W)	Power factor (Ø)
002G024A	AC/BC	2700K	24	200	2048	17	120	0,94
003G024C	AC/BC	2700K	24	300	2955	24	126	0,94
004G024E	AC/BC	2700K	24	400	3793	31	124	0,96
005G024G	AC/BC	2700K	24	500	4569	38	120	0,97
005G024I	AC/BC	2700K	24	600	5274	45	116	0,98
006G024K	AC/BC	2700K	24	700	5929	53	112	0,98
003G032A	AC/BC	2700K	32	200	2588	21	123	0,92
004G032C	AC/BC	2700K	32	300	3745	30	124	0,96
005G032E	AC/BC	2700K	32	400	4820	40	122	0,97
006G032G	AC/BC	2700K	32	500	5807	49	118	0,98
007G032I	AC/BC	2700K	32	600	6685	59	114	0,98
007G032K	AC/BC	2700K	32	700	7470	68	110	0,99
004G048A	AC/BC	2700K	48	200	4052	31	132	0,93
006G048C	AC/BC	2700K	48	300	5810	44	131	0,98
007G048E	AC/BC	2700K	48	400	7422	59	127	0,99
009G048G	AC/BC	2700K	48	500	8876	73	121	0,99
010G048I	AC/BC	2700K	48	600	10114	88	115	0,98
011G048K	AC/BC	2700K	48	700	11176	102	109	0,99

Flat glass (AC/BC) 2200K

Codification	Closure	T° of colour (K)	N° LEDs	Current operation (mA)	Total useful flow (lm)	Total power with Driver (W)	25 ° C efficiency (lm / W)	Power factor (Ø)
002B024A	AC/BC	2200K	24	200	1828	17	108	0,94
003B024C	AC/BC	2200K	24	300	2638	24	112	0,94
003B024E	AC/BC	2200K	24	400	3385	31	110	0,96
004B024G	AC/BC	2200K	24	500	4077	38	107	0,97
005B024I	AC/BC	2200K	24	600	4707	45	104	0,98
005B024K	AC/BC	2200K	24	700	5274	53	100	0,98
002B032A	AC/BC	2200K	32	200	2311	21	110	0,92
003B032C	AC/BC	2200K	32	300	3343	30	110	0,96
004B032E	AC/BC	2200K	32	400	4301	40	108	0,97
005B032G	AC/BC	2200K	32	500	5181	49	106	0,98
006B032I	AC/BC	2200K	32	600	5966	59	102	0,98
007B032K	AC/BC	2200K	32	700	6645	68	98	0,99
004B048A	AC/BC	2200K	48	200	3618	31	118	0,93
005B048C	AC/BC	2200K	48	300	5186	44	117	0,98
007B048E	AC/BC	2200K	48	400	6623	59	113	0,99
008B048G	AC/BC	2200K	48	500	7919	73	108	0,99
009B048I	AC/BC	2200K	48	600	9026	88	103	0,98
010B048K	AC/BC	2200K	48	700	9942	102	97	0,99

Tolerances: LED Flux +- 7%. Total luminaire power +- 9%.

Note: Correct data at the date of printing. The company reserves the right to modify the values at any time.



C. & G. CARANDINI, S.A.U. Verneda, 66-70 E-08107 Martorelles (Barcelona)
Tel +34 93.317.40.08 - Fax +34 93.317.18.90 - carandini@carandini.com - www.carandini.com

JUNIOR GEN4



Lenticular glass (AG/BG) 4000K

Codification	Closure	T° of colour (K)	N° LEDs	Current operation (mA)	Total useful flow (lm)	Total power with Driver (W)	25 ° C efficiency (lm / W)	Power factor (Ø)
0024024A	AG/BG	4000K	24	200	2322	17	137	0,94
0034024C	AG/BG	4000K	24	300	3381	24	144	0,94
0044024E	AG/BG	4000K	24	400	4368	31	142	0,96
0054024G	AG/BG	4000K	24	500	5288	38	139	0,97
0064024I	AG/BG	4000K	24	600	6130	45	135	0,98
0074024K	AG/BG	4000K	24	700	6915	53	131	0,98
0034032A	AG/BG	4000K	32	200	2934	21	139	0,92
0044032C	AG/BG	4000K	32	300	4284	30	141	0,96
0064032E	AG/BG	4000K	32	400	5550	40	140	0,97
0074032G	AG/BG	4000K	32	500	6720	49	137	0,98
0084032I	AG/BG	4000K	32	600	7771	59	133	0,98
0094032K	AG/BG	4000K	32	700	8712	68	128	0,99
0054048A	AG/BG	4000K	48	200	4594	31	150	0,93
0074048C	AG/BG	4000K	48	300	6647	44	149	0,98
0094048E	AG/BG	4000K	48	400	8546	59	146	0,99
0104048G	AG/BG	4000K	48	500	10272	73	141	0,99

Lenticular glass (AG/BG) 3000K

Codification	Closure	T° of colour (K)	N° LEDs	Current operation (mA)	Total useful flow (lm)	Total power with Driver (W)	25 ° C efficiency (lm / W)	Power factor (Ø)
0023024A	AG/BG	3000K	24	200	2265	17	133	0,94
0033024C	AG/BG	3000K	24	300	3266	24	139	0,94
0043024E	AG/BG	3000K	24	400	4182	31	136	0,96
0053024G	AG/BG	3000K	24	500	5044	38	133	0,97
0063024I	AG/BG	3000K	24	600	5810	45	128	0,98
0063024K	AG/BG	3000K	24	700	6498	53	123	0,98
0033032A	AG/BG	3000K	32	200	2862	21	136	0,92
0043032C	AG/BG	3000K	32	300	4139	30	137	0,96
0053032E	AG/BG	3000K	32	400	5314	40	134	0,97
0063032G	AG/BG	3000K	32	500	6410	49	131	0,98
0073032I	AG/BG	3000K	32	600	7364	59	126	0,98
0083032K	AG/BG	3000K	32	700	8186	68	120	0,99
0043048A	AG/BG	3000K	48	200	4482	31	146	0,93
0063048C	AG/BG	3000K	48	300	6421	44	144	0,98
0083048E	AG/BG	3000K	48	400	8183	59	140	0,99
0103048G	AG/BG	3000K	48	500	9798	73	134	0,99
0113048I	AG/BG	3000K	48	600	11141	88	127	0,98
0123048K	AG/BG	3000K	48	700	12247	102	120	0,99

Tolerances: LED Flux +- 7%. Total luminaire power +- 9%.

Note: Correct data at the date of printing. The company reserves the right to modify the values at any time.



C. & G. CARANDINI, S.A.U. Veneda, 66-70 E-08107 Martorelles (Barcelona)
Tel +34 93.317.40.08 - Fax +34 93.317.18.90 - carandini@carandini.com - www.carandini.com

Lenticular glass (AG/BG) 2700K

Codification	Closure	T° of colour (K)	N° LEDs	Current operation (mA)	Total useful flow (lm)	Total power with Driver (W)	25 ° C efficiency (lm / W)	Power factor (Ø)
002G024A	AG/BG	2700K	24	200	2149	17	126	0,94
003G024C	AG/BG	2700K	24	300	3106	24	132	0,94
004G024E	AG/BG	2700K	24	400	3994	31	130	0,96
005G024G	AG/BG	2700K	24	500	4814	38	127	0,97
006G024I	AG/BG	2700K	24	600	5546	45	122	0,98
006G024K	AG/BG	2700K	24	700	6227	53	118	0,98
003G032A	AG/BG	2700K	32	200	2715	21	129	0,92
004G032C	AG/BG	2700K	32	300	3937	30	130	0,96
005G032E	AG/BG	2700K	32	400	5075	40	128	0,97
006G032G	AG/BG	2700K	32	500	6118	49	125	0,98
007G032I	AG/BG	2700K	32	600	7030	59	120	0,98
008G032K	AG/BG	2700K	32	700	7845	68	115	0,99
004G048A	AG/BG	2700K	48	200	4252	31	139	0,93
006G048C	AG/BG	2700K	48	300	6107	44	137	0,98
008G048E	AG/BG	2700K	48	400	7815	59	134	0,99
009G048G	AG/BG	2700K	48	500	9352	73	128	0,99
011G048I	AG/BG	2700K	48	600	10636	88	121	0,98
012G048K	AG/BG	2700K	48	700	11737	102	115	0,99

Lenticular glass (AG/BG) 2200K

Codification	Closure	T° of colour (K)	N° LEDs	Current operation (mA)	Total useful flow (lm)	Total power with Driver (W)	25 ° C efficiency (lm / W)	Power factor (Ø)
002B024A	AG/BG	2200K	24	200	1918	17	113	0,94
003B024C	AG/BG	2200K	24	300	2772	24	118	0,94
004B024E	AG/BG	2200K	24	400	3564	31	116	0,96
004B024G	AG/BG	2200K	24	500	4295	38	113	0,97
005B024I	AG/BG	2200K	24	600	4950	45	109	0,98
006B024K	AG/BG	2200K	24	700	5539	53	105	0,98
002B032A	AG/BG	2200K	32	200	2424	21	115	0,92
004B032C	AG/BG	2200K	32	300	3513	30	116	0,96
005B032E	AG/BG	2200K	32	400	4528	40	114	0,97
005B032G	AG/BG	2200K	32	500	5459	49	111	0,98
006B032I	AG/BG	2200K	32	600	6274	59	107	0,98
007B032K	AG/BG	2200K	32	700	6978	68	102	0,99
004B048A	AG/BG	2200K	48	200	3796	31	124	0,93
005B048C	AG/BG	2200K	48	300	5451	44	123	0,98
007B048E	AG/BG	2200K	48	400	6973	59	119	0,99
008B048G	AG/BG	2200K	48	500	8344	73	114	0,99
009B048I	AG/BG	2200K	48	600	9492	88	108	0,98
010B048K	AG/BG	2200K	48	700	10441	102	102	0,99

Tolerances: LED Flux +- 7%. Total luminaire power +- 9%.

Note: Correct data at the date of printing. The company reserves the right to modify the values at any time.

