



FL-112/N White light. NICHIA 112 LEDs/m

INDOOOR FLEXIBLE LED STRIPS

NICHIA	Stabilized current	3 STEP MacAdam	Made in Europe	5-year warranty	UL approved	LM80 Certified product	>60 000 hours L90B10
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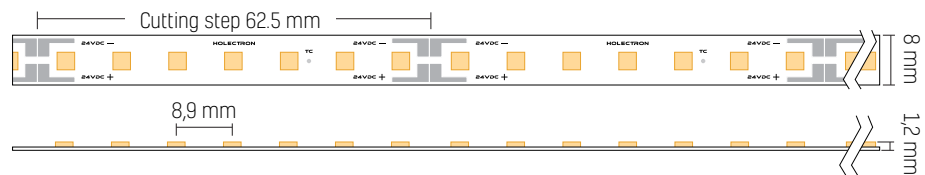
General information

To produce our indoor flexible LED strips, we use 3-step MacAdam NICHIA LEDs from Japan, durable copper PCB and a current stabilization system inside the LED strip. Thermal conductive adhesive tape guarantees perfect heat transfer to the mounting surface. All of our product features guarantee extra long lifetime and stable performance.

Our flexible LED light strips are designed for long-term professional lighting applications and perfectly fit in any linear or curved applications.

Disclaimer: the product details seen in photo may appear slightly different in real product.

Lumen package lm/m	800	1600	2300	3100	3900	5100	7100
Power	4,8 W/m	9,6 W/m	14,4 W/m	19,2 W/m	24 W/m	33,4 W/m	48 W/m
Maximum length	14 m	7 m	4,5 m	3,5 m	3 m	2 m	1,5 m
LEDs/m	112 LEDs/m						
Voltage	24VDC (22,5-25VDC)						
Tape width	8 mm						
Cutting step	62.5 mm						
Tc temperature	<75°C						
Operating temperature	-35°C – 50°C						
Beam angle	120°						
Dimmable	Yes						
Strip length per reel	10 m or 50 m						



Order code

Order code example: **FL-112-24/N3-830**

Product: **FL-112** - Power: **POWER** / Type: **N3** - Spectrum: **SPECTRUM**

Power options:
See table below
(Lumen values).

Spectrum options:
See table below
(Lumen values).

Lumen values

CRI 80+

SPECTRUM	CRI	KELVINS	POWER W/m							
			4 (4.8 W/m)	9 (9.6 W/m)	14 (14.4 W/m)	19 (19.2 W/m)	24 (24.0 W/m)	28 (28.8 W/m)	33 (33.8 W/m)	48 (48.0 W/m)
820	CRI 80+	2000K	553 lm/m	1048 lm/m	1505 lm/m	1981 lm/m	2511 lm/m	-	3287 lm/m	4562 lm/m
822	CRI 80+	2200K	597	1133	1627	2141	2714	-	3553	4931
825	CRI 80+	2500K	663	1258	1806	2378	3013	-	3944	5475
827	CRI 80+	2700K	779	1476	2120	2791	3537	-	4630	6426
830	CRI 80+	3000K	802	1521	2185	2875	3643	-	4769	6620
835	CRI 80+	3500K	807	1530	2197	2892	3665	-	4797	6659
840	CRI 80+	4000K	807	1530	2197	2892	3665	-	4797	6659
850	CRI 80+	5000K	870	1647	2361	3101	3921	-	5128	7106
857	CRI 80+	5700K	830	1571	2252	2958	3740	-	4892	6778
865	CRI 80+	6500K	830	1571	2252	2958	3740	-	4892	6778
			181 lm/W	172 lm/W	164 lm/W	162 lm/W	163 lm/W	-	154 lm/W	148 lm/W

CRI 90+

SPECTRUM	CRI	KELVINS	POWER W/m							
			4 (4.8 W/m)	9 (9.6 W/m)	14 (14.4 W/m)	19 (19.2 W/m)	24 (24.0 W/m)	28 (28.8 W/m)	33 (33.8 W/m)	48 (48.0 W/m)
920	CRI 90+	2000K	476 lm/m	893 lm/m	1272 lm/m	1663 lm/m	2094 lm/m	-	2719 lm/m	3738 lm/m
922	CRI 90+	2200K	515	966	1376	1799	2265	-	2942	4043
925	CRI 90+	2500K	559	1048	1493	1952	2457	-	3191	4386
927	CRI 90+	2700K	659	1242	1779	2334	2943	-	3846	5315
930	CRI 90+	3000K	675	1274	1824	2393	3024	-	3944	5450
935	CRI 90+	3500K	692	1306	1869	2452	3098	-	4042	5584
940	CRI 90+	4000K	699	1319	1888	2478	3130	-	4083	5642
950	CRI 90+	5000K	734	1388	1990	2613	3304	-	4321	5981
957	CRI 90+	5700K	729	1379	1977	3050	3283	-	4293	5942
965	CRI 90+	6500K	724	1370	1964	2580	3262	-	4265	5904
			153 lm/W	145 lm/W	138 lm/W	159 lm/W	138 lm/W	-	129 lm/W	125 lm/W

CRI 98+

SPECTRUM	CRI	KELVINS	POWER W/m								
			4 (4.8 W/m)	9 (9.6 W/m)	14 (14.4 W/m)	19 (19.2 W/m)	24 (24.0 W/m)	28 (28.8 W/m)	33 (33.8 W/m)	48 (48.0 W/m)	
027	CRI 98+	2700K	-	-	-	-	-	-	-	-	
030	CRI 98+	3000K	-	-	-	-	-	-	-	-	
035	CRI 98+	3500K	-	-	-	-	-	-	-	-	
040	CRI 98+	4000K	Luminous flux values coming soon								-
050	CRI 98+	5000K	-	-	-	-	-	-	-	-	
057	CRI 98+	5700K	-	-	-	-	-	-	-	-	
065	CRI 98+	6500K	-	-	-	-	-	-	-	-	

SPECIAL

SPECTRUM	CRI	KELVINS	POWER W/m								
			4 (4.8 W/m)	9 (9.6 W/m)	14 (14.4 W/m)	19 (19.2 W/m)	24 (24.0 W/m)	28 (28.8 W/m)	33 (33.8 W/m)	48 (48.0 W/m)	
W30	SPECIAL	White fabrics 3000K	-	-	-	-	-	-	-	-	
W32	SPECIAL	White fabrics 3200K	-	-	-	-	-	-	-	-	
W35	SPECIAL	White fabrics 3500K	-	-	-	-	-	-	-	-	
W40	SPECIAL	White fabrics 4000K	-	-	-	-	-	-	-	-	
P27	SPECIAL	Produce 2700K	-	-	-	-	-	-	-	-	
P30	SPECIAL	Produce 3000K	Luminous flux values coming soon								-
P35	SPECIAL	Produce 3500K	-	-	-	-	-	-	-	-	
P40	SPECIAL	Produce 4000K	-	-	-	-	-	-	-	-	
P50	SPECIAL	Produce 5000K	-	-	-	-	-	-	-	-	
MEAT	SPECIAL	Meat	-	-	-	-	-	-	-	-	
MEAT-R	SPECIAL	Meat (richer)	-	-	-	-	-	-	-	-	