

HTN112

OUTDOOR FLEXIBLE LED



MONOFLEX HYDRO-HTN112

Suitable for lighting uneven outdoor surfaces such as coves, pillars and rounded edges, the HTN112 is a flexible LED line that is versatile and robust.

This LED line has been specially designed for professional decorative outdoor lighting applications. It has an IP67 rating for ingress protection and is completely protected against solid particles and water.

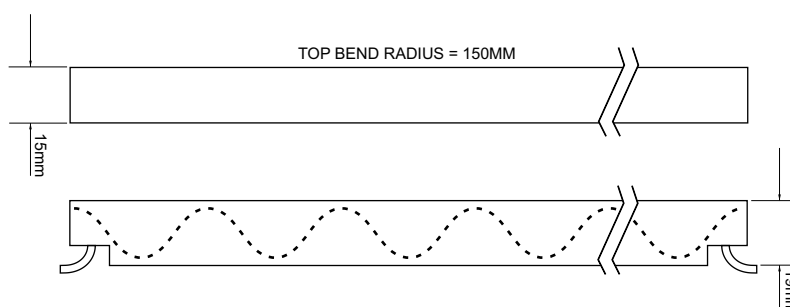
The HTN112 is salt and solvent-proof and fully UV resistant. This flexible and ruggedized LED line is popular with lighting designers for decorative and direct lighting

FEATURES

- // Nichia LEDs
- // 24vdc input voltage (SELV)
- // 112 LEDs/m - 125mm cutting steps
- // 4.8w/m / 9.6w/m / 14.4w/m
- // Up to 1378 lumens/m
- // 3 Step MacAdam LEDs
- // CRI \geq Ra80 / \geq Ra90 / RGB
- // 8mm wide copper PCB with constant current IC
- // Schottky diodes for reverse polarity protection
- // Thermal conductive adhesive tape for better heat conduction

TECHNICAL

Input voltage:	24VDC [22.5~25VDC]
Current control:	On-board integrated controller (IC)
Reverse voltage protection:	On-board Schottky diode
Operating temperature (Ta):	-25 °C ~ 50 °C
PCB Temperature (Tc max):	<75 °C
Dimmable:	PWM (Pulse-Width Modulation)
Beam angle:	120 (cosine)
LEDs/m:	112



HTN112

OUTDOOR FLEXIBLE LED



PRODUCT CODE EXAMPLE

PRODUCT	POWER	PCB	CCT
HTN112	14	N4	927

RGB

			POWER	14
COLOUR			14.4W/m	
● RED	Nichia	2000K	LUMENS/M	91
● GREEN	Nichia	2200K		267
● BLUE	Nichia	2500K		61
			RGB LUMENS/M	418

CRI 80+

			POWER	4	9	14	
SPECTRUM			4.8W/m			9.6W/m	14.4W/m
● 820	Nichia	2000K	LUMENS/M	291	594	899	
● 822	Nichia	2200K		315	643	973	
● 825	Nichia	2500K		345	704	1065	
● 827	Nichia	2700K		403	823	1245	
● 830	Nichia	3000K		415	847	1282	
● 835	Nichia	3500K		425	867	1312	
● 840	Nichia	4000K		426	869	1315	
● 850	Nichia	5000K		468	927	1378	

CRI 90+

			POWER	4	9	14	
SPECTRUM			4.8W/m			9.6W/m	14.4W/m
● 920	Nichia	2000K	LUMENS/M	252	498	738	
● 922	Nichia	2200K		276	538	798	
● 925	Nichia	2500K		296	585	866	
● 927	Nichia	2700K		357	710	1056	
● 930	Nichia	3000K		367	730	1086	
● 935	Nichia	3500K		376	748	1112	
● 940	Nichia	4000K		380	755	1124	
● 950	Nichia	5000K		400	798	1188	

Disclaimer:

Technical data is subject to change without prior notice. The data provide represent typical values. Due to tolerances in the production of components and binning of LEDs, values for lumen output (Lm), colour temperature (CCT) and power (W/m) can vary up to 10%. Electrical and thermal variation also influences the performance characteristics of LEDs