

Εύκαμπτη ταινία led / Flexible led strip



Κωδικός / Art. No. : 131017

24Vdc

12 Watt/m

TW 2700K-6500

CRI>80

Step<3

140led/m

IP20

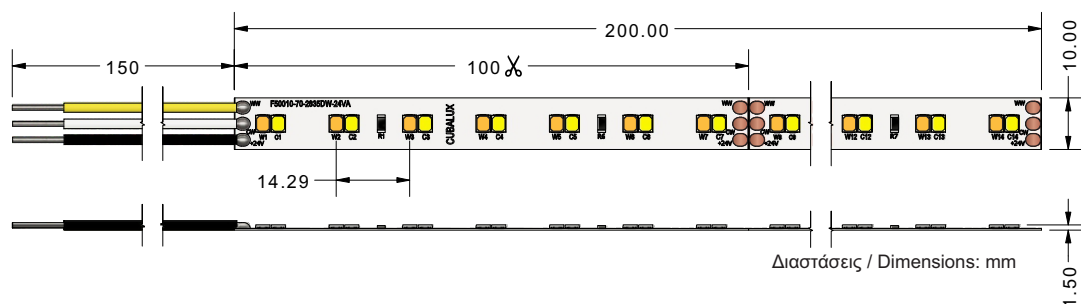


Τεχνικά χαρακτηριστικά / Technical data

Κατανάλωση ενέργειας / Power consumption	12 kWh/1000h/m (ανά χρώμα*)
Ονομαστική Ισχύς / Rated wattage	12 W/m (ανά χρώμα*)
Τάση λειτουργίας / Operating Voltage	24Vdc
Ρεύμα λειτουργίας / Typical operating Current	0.5 A/m (ανά χρώμα*)
Κατηγορία προστασίας / Protection class	III
Ρύθμιση έντασης φωτισμού / Dimming	PWM (Dali / DMX512 / RF / Push Button)
Φωτεινή απόδοση / Luminous Efficacy	(WW)125- (CW) 136 lumen/watt
Φωτεινή ροή / Typical Luminus Flux	(WW) 1503 - (CW) 1635 lumen/m
Γωνία φωτισμού / Led beam angle	120°
Χρώμα / Color	Λευκό Θερμό / Warm White
Θερμοκρασία χρώματος / Typical CCT	TW 2700-6500 Kelvin
Ανοχή Χρώματος /Color Tolerance	3 SDCM
Βαθμός χρωματικής απόδοσης / Typical CRI	>80
Ενεργειακή κλάση της περιεχόμενης πηγής φωτισμού/ Energy efficiency class of the contained light source	E
Διάρκεια ζωής στους 25 °C / Rated life time at 25 °C	50.000 ώρες/hours
Βαθμός στεγανότητας / Ingress protection	IP20
Λειτουργία σε θερμοκρασία περιβάλλοντος / Ambient working Temp. ta	-20...+50°C
Διαστάσεις (ΜxΠxΥ) / Dimension (LxWxH)	5000 x 10 x 1.50(mm)
Μέγιστο μήκος λειτουργίας / Max. operating Length	5 μέτρα / 5 meters
Αριθμός Led / Led units	140 led/μέτρο / 140 led/meter
Απόσταση μεταξύ led / Distance between led	14.29 mm
Σημείο κοπής / Cutting point	Ανά 14 led (100mm) / Per 14 led (100mm)
Συσκευασία / Packing	5 μέτρα / 5 meters
EAN	5206704005463
Εγγύηση / Warranty	5 χρόνια / 5 years

(Όλες οι τιμές μπορεί να έχουν μία απόκλιση +/-5% -
All values can have a tolerance of +/- 5%)

Σχέδιο - Διαστάσεις / Drawing - Dimensions



Κατάλληλη για ξηρούς εσωτερικούς χώρους με χαμηλή συγκέντρωση αιωρούμενων σωματιδίων.
Suitable for dry interiors with low concentration of suspended particles.

Light efficiency:

125 Lumen/Watt

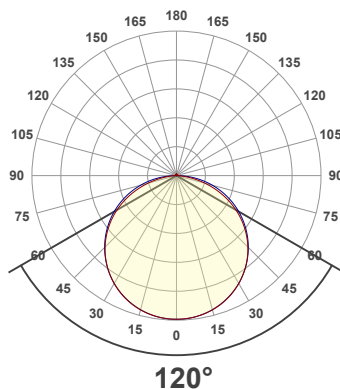
Light quality:

CRI: 84,2

Color temperature:

2700 K

Output: 1503 Lumen Power consumption: 12,0



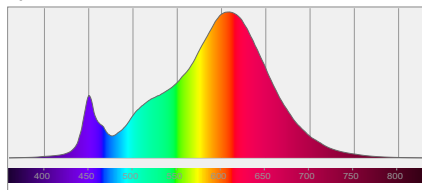
Product name:

**JAZZ TW 2x12Watt 140led 24V
IP20 CRI80 2700K**

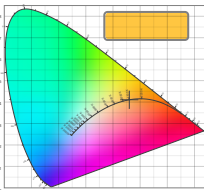
Item number:

131017

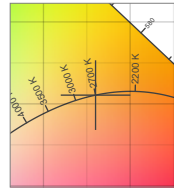
Spectral distribution



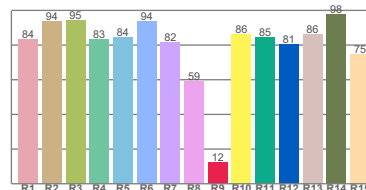
Color coordinates



White color point

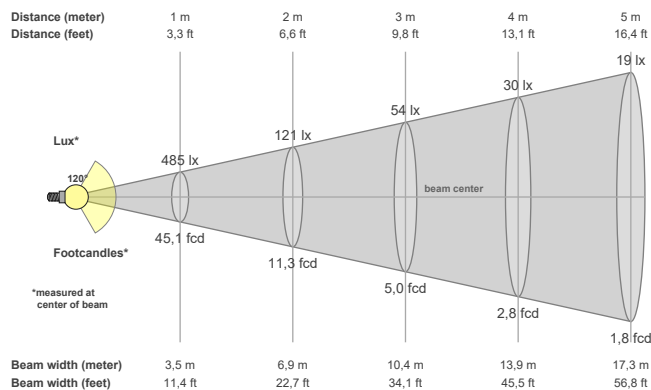


CRI R values



Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Color coordinate cie 1931	Color coordinate cie 1931	Color coordinate	Color coordinate	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
2700 K	84,2	12,3	86,4	96,8	83,4	0,460	0,411	0,263	0,352	-0,0010

Beam details



Beam angles

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
120°	165,4°	175,4°

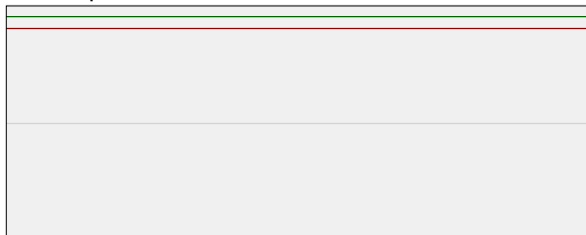
Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
486 cd	75,9%	50,8%

Beam intensities from 1-20m

1m	2m	3m	4m	5m	6m	7m	8m	9m	10m	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	19,7ft	23ft	26,2ft	29,5ft	32,8ft	36,1ft	39,4ft	42,7ft	45,9ft	49,2ft	52,5ft	55,8ft	59,1ft	62,3ft	65,6ft
485lx	121lx	54lx	30lx	19lx	13lx	10lx	8lx	6lx	5lx	4lx	3lx	3lx	2lx	2lx	2lx	2lx	1lx	1lx	1lx
45,1fcd	11,3fcd	5fcd	2,8fcd	1,8fcd	1,3fcd	0,9fcd	0,7fcd	0,6fcd	0,5fcd	0,4fcd	0,3fcd	0,3fcd	0,2fcd	0,2fcd	0,2fcd	0,2fcd	0,1fcd	0,1fcd	0,1fcd

Power scope



Power	Power factor	
12,0 W	1,0	

Voltage	Current	
24,0 V	0,500 A	

Light efficiency:

136 Lumen/Watt

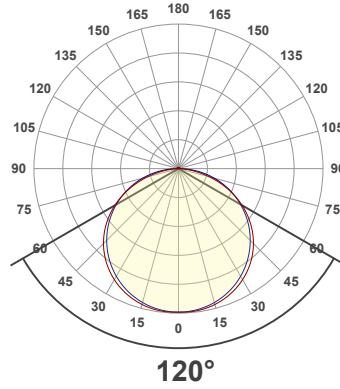
Light quality:

CRI: 84,1

Color temperature:

6500 K

Output: 1635 Lumen Power consumption: 12,0



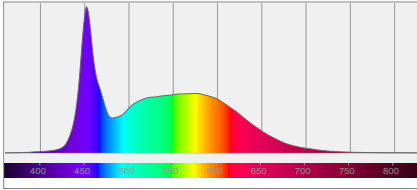
Product name:

**JAZZ TW 2x12Watt 140led 24V
IP20 CRI80 6500K**

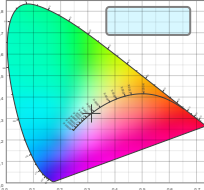
Item number:

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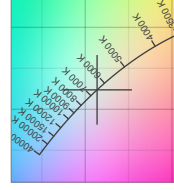
Spectral distribution



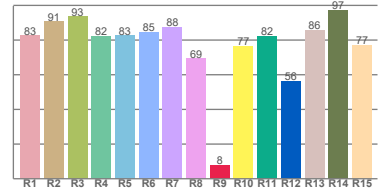
Color coordinates



White color point

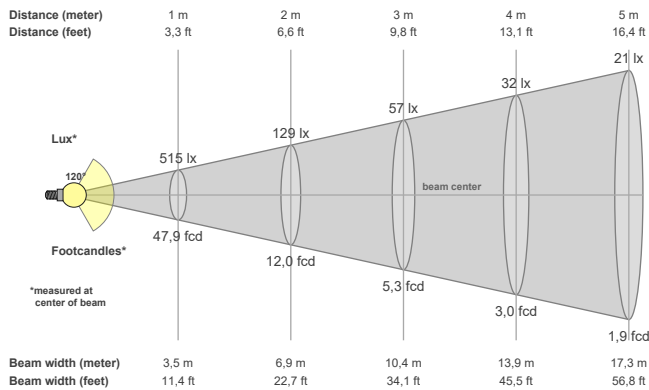


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CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
6500 K	84,1	7,7	82,9	93,6	80,9	0,314	0,324	0,200	0,310	0,0034

Beam details



Beam angles

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
120°	165,9°	175,7°

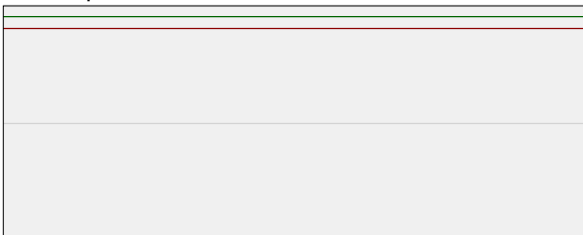
Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
516 cd	75,5%	50,2%

Beam intensities from 1-20m

1m	2m	3m	4m	5m	6m	7m	8m	9m	10m	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	19,7ft	23ft	26,2ft	29,5ft	32,8ft	36,1ft	39,4ft	42,7ft	45,9ft	49,2ft	52,5ft	55,8ft	59,1ft	62,3ft	65,6ft
515lx	129lx	57lx	32lx	21lx	14lx	11lx	8lx	6lx	5lx	4lx	4lx	3lx	3lx	2lx	2lx	2lx	2lx	1lx	1lx
47,9fcd	12fcd	5,3fcd	3fcd	1,9fcd	1,3fcd	1fcd	0,7fcd	0,6fcd	0,5fcd	0,4fcd	0,3fcd	0,3fcd	0,2fcd	0,2fcd	0,2fcd	0,2fcd	0,1fcd	0,1fcd	0,1fcd

Power scope



Power	Power factor	
12,0 W	1,0	

Voltage	Current	
24,0 V	0,500 A	