



Εύκαμπτη ταινία led / Flexible led strip

TORA

Κωδικός / Art. No. : 500041

12Vdc

7.2 Watt/m

RGB

30led/m

IP67

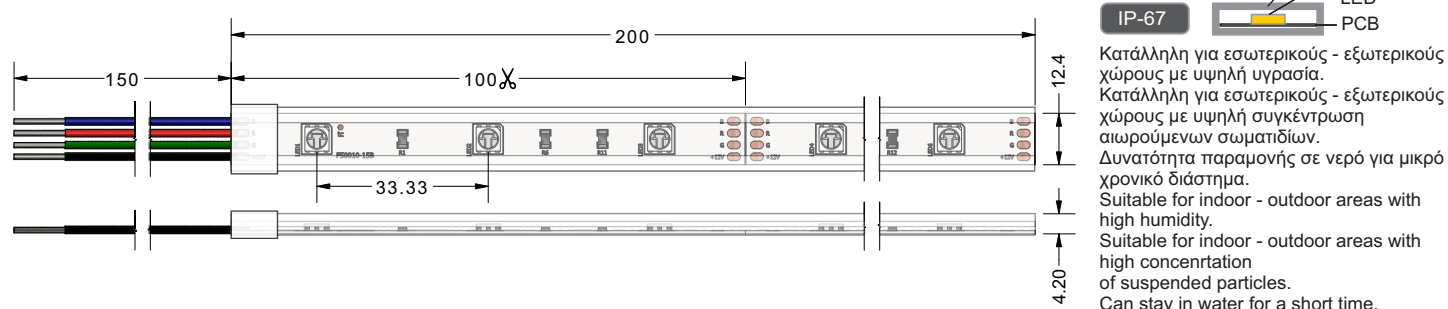
3 ΧΡΟΝΙΑ ΕΓΓΥΗΣΗ
YEARS WARRANTY

Τεχνικά χαρακτηριστικά / Technical data

Κατανάλωση ενέργειας / Power consumption	7.2 kWh/1000h/m
Ονομαστική Ισχύς / Rated wattage	7.2 W/m
Τάση λειτουργίας / Operating Voltage	12Vdc
Ρεύμα λειτουργίας / Typical operating Current	0.6 A/m
Κατηγορία προστασίας / Protection class	III
Ρύθμιση έντασης φωτισμού / Dimming	PWM (Dali / DMX512 / RF / Push Button)
Φωτεινή απόδοση / Luminous Efficacy	R32, G66, B15 (lumen/watt)
Φωτεινή ροή / Typical Luminus Flux	R76, G159, B35 (lumen/m)
Γωνία φωτισμού / Led beam angle	120°
Χρώμα / Color	RGB
Μήκος κύματος / Wavelength	R623±5, G520±, B465±5 (nm)
Διάρκεια ζωής στους 25 °C / Rated life time at 25 °C	30.000 ώρες/hours
Βαθμός στεγανότητας / Ingress protection	IP67
Λειτουργία σε θερμοκρασία περιβάλλοντος / Ambient working Temp. ta	-20...+50°C
Διαστάσεις (ΜxΠxΥ) / Dimension (LxWxH)	5000 x 12.4 x 4.2(mm)
Μέγιστο μήκος λειτουργίας / Max. operating Length	10 μέτρα / 10 meters
Αριθμός Led / Led units	30 led/μέτρο / 30 led/meter
Απόσταση μεταξύ led / Distance between led	33.33 mm
Σημείο κοπής / Cutting point	Ανά 3 led (100mm) / Per 3 led (100mm)
Συσκευασία / Packing	5 μέτρα / 5 meters
EAN	5206704003124
Εγγύηση / Warranty	3 χρόνια / 3 years

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

Σχέδιο - Διαστάσεις / Drawing - Dimensions



Light efficiency:

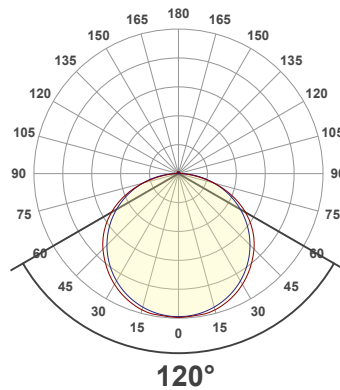
32 Lumen/Watt

Light quality:

CRI: 0.0

Color temperature:

0 K



Product name:

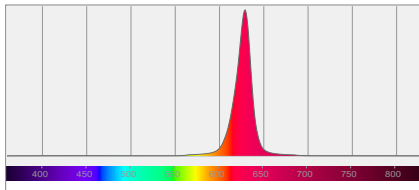
**TΩRA 7.2Watt 30led 12V IP67
RGB(RED)**

Item number:

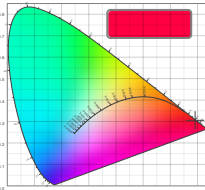
500041

Output: 76.1 Lumen Power consumption: 2.4

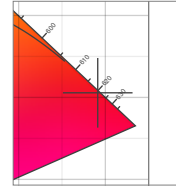
Spectral distribution



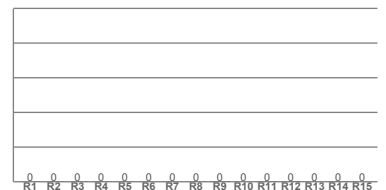
Color coordinates



White color point

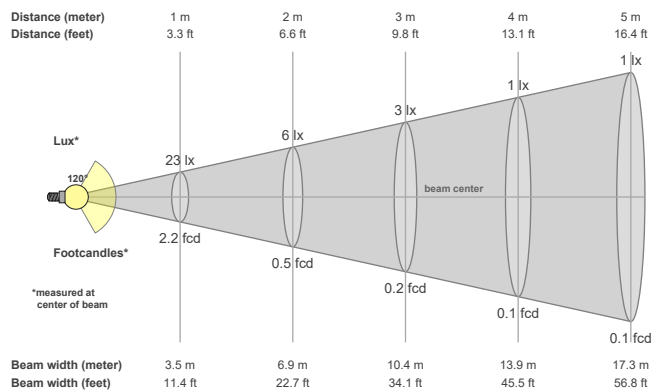


CRI R values



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
0 K	0.0	0.0	0.0	0.0	0.0	0.691	0.306	0.523	0.347	n/a

Beam details



Beam angels

Beam angle	Field angle	Cutoff angle
Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
120°	167.6°	178.6°

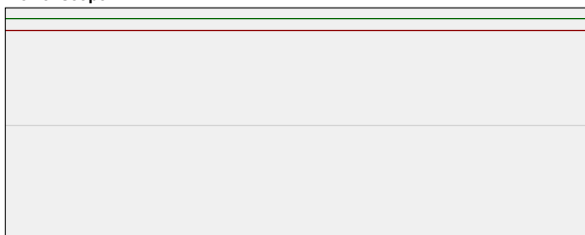
Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
23.4 cd	73.9%	48.9%

Beam intensities from 1-20m

[illegible]

Power scope



Power	Power factor	
2.4 W	1.0	

Voltage	Current	
12.0 V	0.200 A	

Light efficiency:

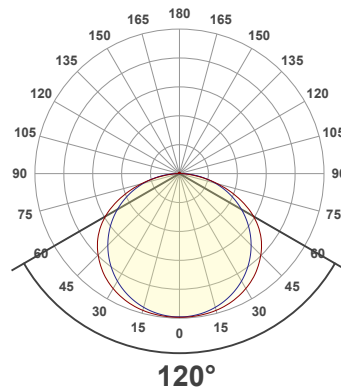
66 Lumen/Watt

Light quality:

CRI: 0.0

Color temperature:

0 K



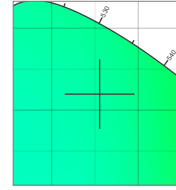
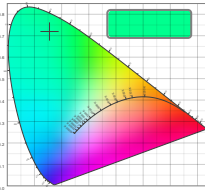
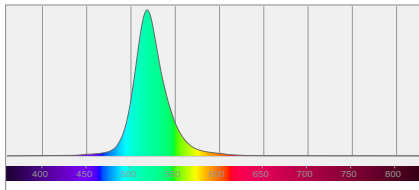
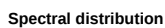
Product name:

**TΩRA 7.2Watt 30led 12V IP67
RGB(GREEN)**

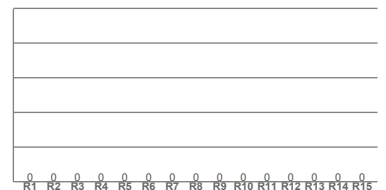
Item number:

500041

Output: 159 Lumen Power consumption: 2.4

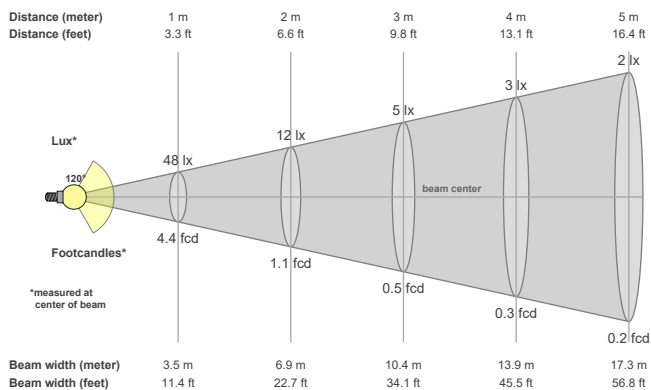


CRI R values



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 diviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
0 K	0.0	0.0	0.0	0.0	0.0	0.155	0.720	0.055	0.381	n/a

Beam details



Beam angels

Beam angle	Field angle	Cutoff angle
50%	10%	2,5%
120°	167.7°	178.2°

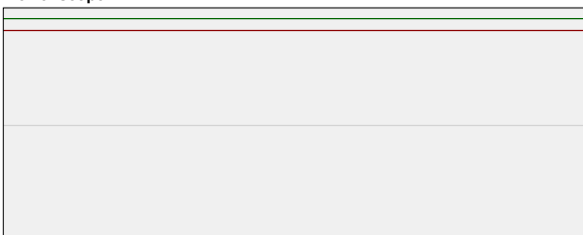
Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
47.8 cd	74.2%	48.7%

Beam intensities from 1-20m

[illegible]

Power scope



Power	Power factor	
2.4 W	1.0	

Voltage	Current	
12.0 V	0.200 A	

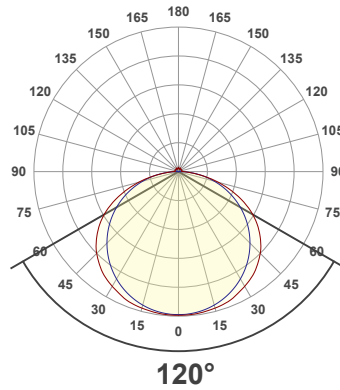
Light efficiency:



Light quality:



Color temperature:



Product name:

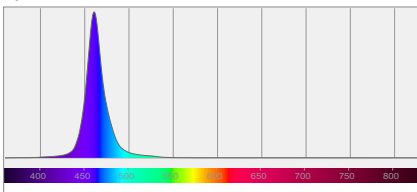
**TΩRA 7.2Watt 30led 12V IP67
RGB(BLUE)**

Item number:

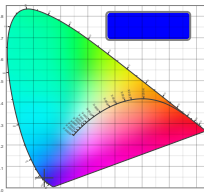
500041

Output: 35.1 Lumen Power consumption: 2.4

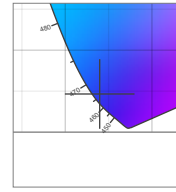
Spectral distribution



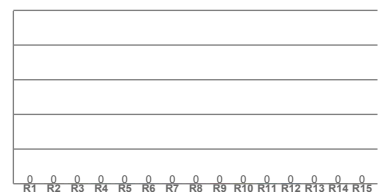
Color coordinates



White color point

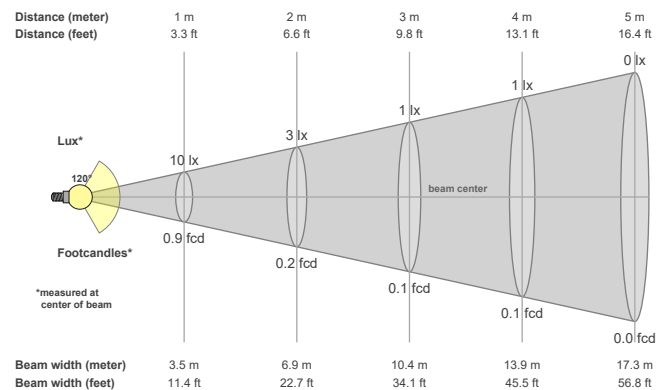


CRI R values



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 diviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
0 K	0.0	0.0	0.0	0.0	0.0	0.140	0.047	0.170	0.085	n/a

Beam details



Beam angels

Beam angle	Field angle	Cutoff angle
50%	10%	2,5%
120°	168.6°	268.6°

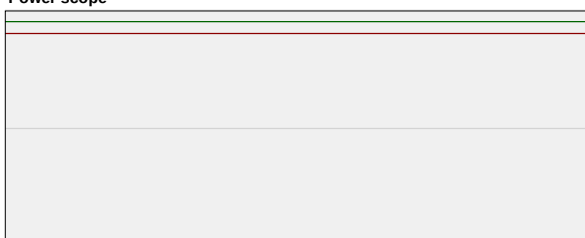
Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
10.2 cd	72.1%	47.3%

Beam intensities from 1-20m

[illegible]

Power scope



Power	Power factor	
2.4 W	1.0	

Voltage	Current	
12.0 V	0.200 A	