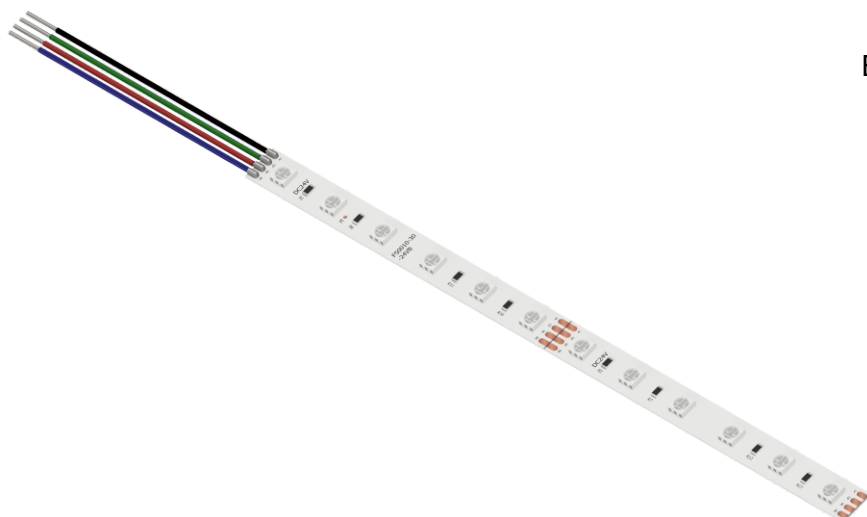




Εύκαμπτη ταινία led / Flexible led strip

TORA

Κωδικός / Art. No. : 500079

24Vdc

14.4 Watt/m

RGB

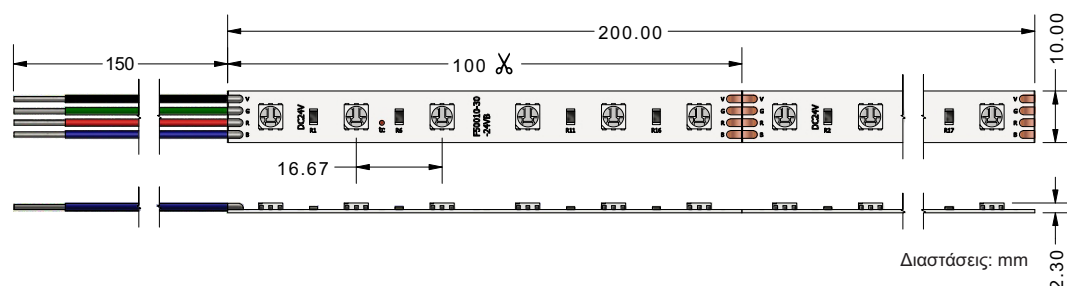
60led/m

IP20

3 ΧΡΟΝΙΑ ΕΓΓΥΗΣΗ
YEARS WARRANTY**Τεχνικά χαρακτηριστικά / Technical data**

Κατανάλωση ενέργειας / Power consumption	14.4 kWh/1000h/m
Ονομαστική Ισχύς / Rated wattage	14.4 W/m
Τάση λειτουργίας / Operating Voltage	24Vdc
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	R31, G66, B15 (lumen/watt)
Φωτεινή ροή / Typical Luminus Flux	R151, G316, B70 (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	IP20
Λειτουργία σε θερμοκρασία περιβάλλοντος / Ambient working Temp. ta	-20...+50°C
Διαστάσεις (ΜxΠxΥ) / Dimension (LxWxH)	5000 x 10 x 2.30(mm)
Μέγιστο μήκος λειτουργίας / Max. operating Length	5 μέτρα / 5 meters
Αριθμός Led / Led units	60 led/μέτρο / 60 led/meter
Απόσταση μεταξύ led / Distance between led	16.67 mm
Σημείο κοπής / Cutting point	Ανά 6 led (100mm) / Per 6 led (100mm)
Συσκευασία / Packing	5 μέτρα / 5 meters
EAN	5206704001359
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

IP-20

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

Light efficiency:

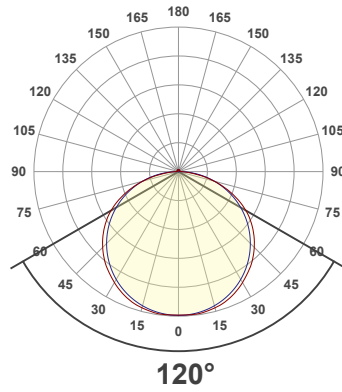
31 Lumen/Watt

Light quality:

CRI: 0.0

Color temperature:

0 K



Product name:

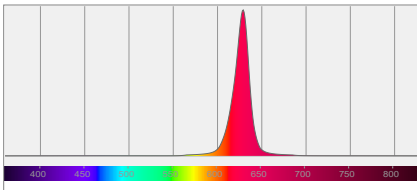
**TΩRA 14.4Watt 60led 24V IP20
RGB(RED)**

Item number:

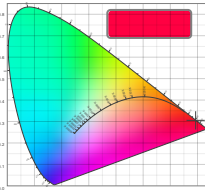
500079

Output: 151 Lumen Power consumption: 4.8

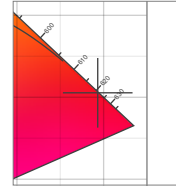
Spectral distribution



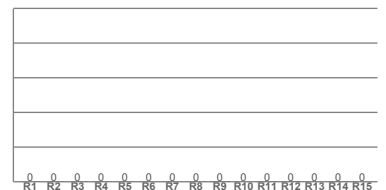
Color coordinates



White color point

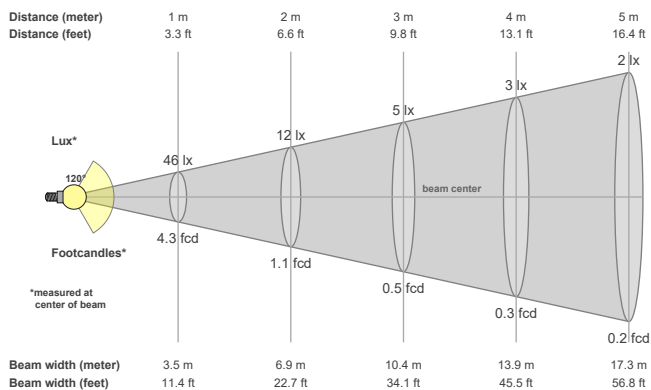


CRI R values



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	0.693	0.305	0.525	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°	167.3°	178.5°

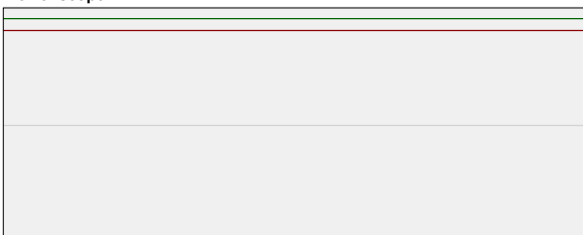
Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
46.2 cd	73.8%	48.9%

Beam intensities from 1-20m

[illegible]

Power scope



Power	Power factor	
4.8 W	1.0	

Voltage	Current	
24.0 V	0.200 A	

Light efficiency:

66 Lumen/Watt

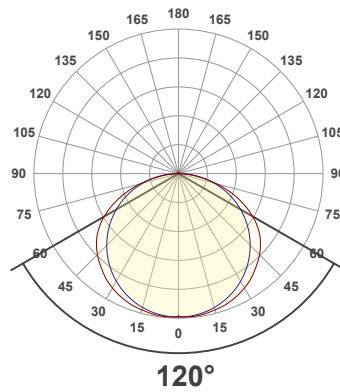
Light quality:

CRI: 0.0

Color temperature:

0 K

Output: 316 Lumen Power consumption: 4.8

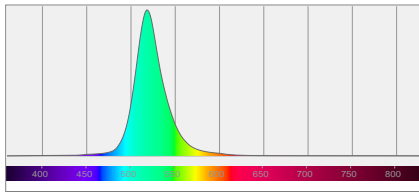
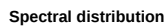


Product name:

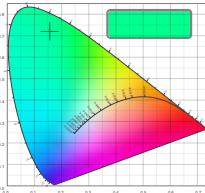
**TΩRA 14.4Watt 60led 24V IP20
RGB(GREEN)**

Item number:

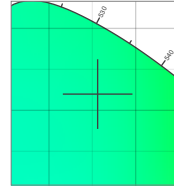
500079



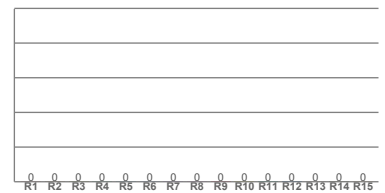
Color coordinates



White color point

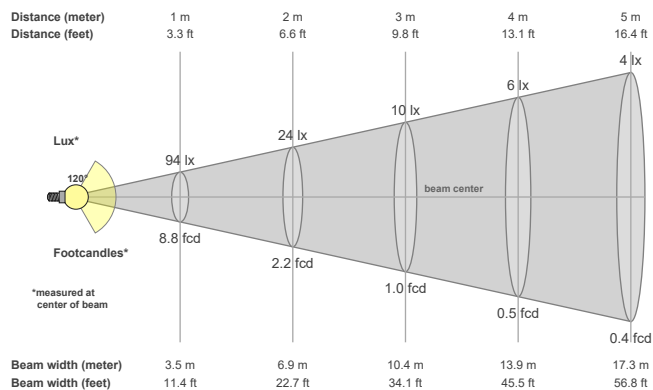


CRI R values



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	0.156	0.720	0.055	0.381	n/a

Beam details



Beam angels

Beam angle	Field angle	Cutoff angle
50%	10%	2,5%
120°	167.5°	177.8°

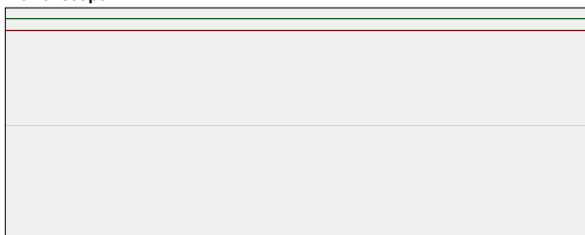
Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
94.8 cd	74.0%	48.5%

Beam intensities from 1-20m

[illegible]

Power scope



Power	Power factor	
4.8 W	1.0	

Voltage	Current	
24.0 V	0.200 A	

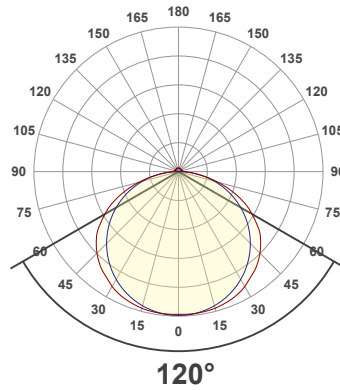
Light efficiency:



Light quality:



Color temperature:



Product name:

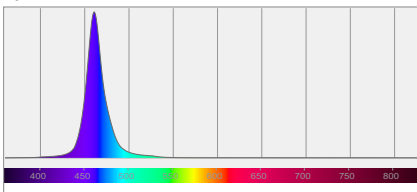
**TΩRA 14.4Watt 60led 24V IP20
RGB(BLUE)**

Item number:

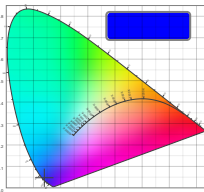
500079

Output: 69.8 Lumen Power consumption: 4.8

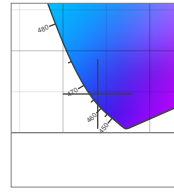
Spectral distribution



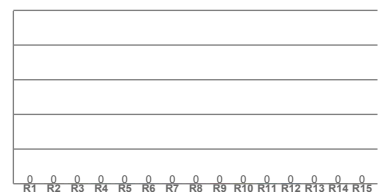
Color coordinates



White color point

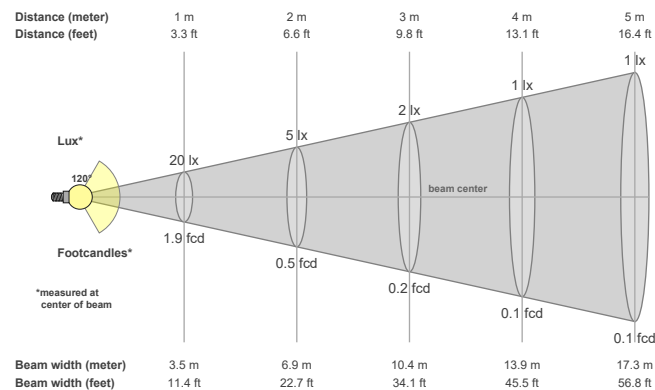


CRI R values



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	0.086	n/a

Beam details



Beam angels

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

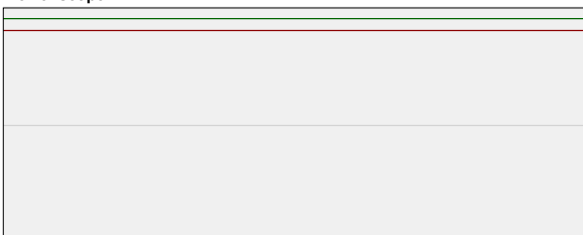
Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
20.3 cd	72.2%	47.3%

Beam intensities from 1-20m

[illegible]

Power scope



Power	Power factor	
4.8 W	1.0	

Voltage	Current	
24.0 V	0.200 A	