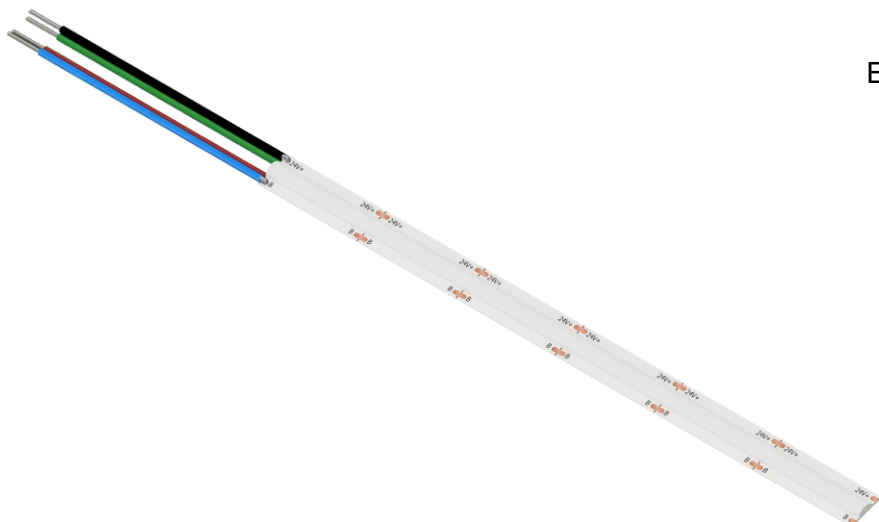




Εύκαμπτη ταινία led / Flexible led strip

TORA COB

Κωδικός / Art. No. : 502013

24Vdc

14 Watt/m

RGB

768led/m

IP20

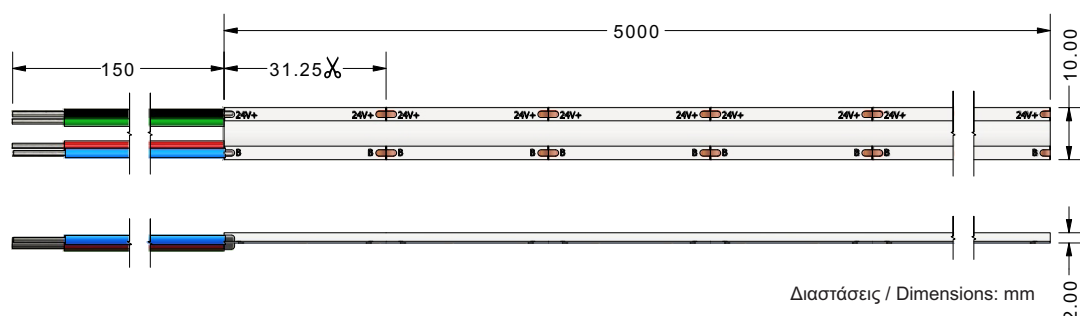
3 ΧΡΟΝΙΑ ΕΓΓΥΗΣΗ
YEARS WARRANTY

Τεχνικά χαρακτηριστικά / Technical data

Κατανάλωση ενέργειας / Power consumption	14 kWh/1000h/m
Ονομαστική Ισχύς / Rated wattage	14 W/m
Τάση λειτουργίας / Operating Voltage	24Vdc
Ρεύμα λειτουργίας / Typical operating Current	0.584 A/m
Κατηγορία προστασίας / Protection class	III
Ρύθμιση έντασης φωτισμού / Dimming	PWM (Dali / DMX512 / RF / Push Button)
Φωτεινή απόδοση / Luminous Efficacy	R24, G95, B16 (lumen/watt)
Φωτεινή ροή / Typical Luminus Flux	R160, G290, B70 (lumen/m)
Γωνία φωτισμού / Led beam angle	140°
Χρώμα / Color	RGB
Μήκος κύματος / Wavelength	R630±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(mm)
Μέγιστο μήκος λειτουργίας / Max. operating Length	5 μέτρα / 5 meters
Αριθμός Led / Led units	768 led/μέτρο / 768 led/meter
Σημείο κοπής / Cutting point	Ανά 31.25mm / Per 31.25mm)
Συσκευασία / Packing	5 μέτρα / 5 meters
EAN	5206704009526
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
PCB

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

Light efficiency:

24 Lumen/Watt

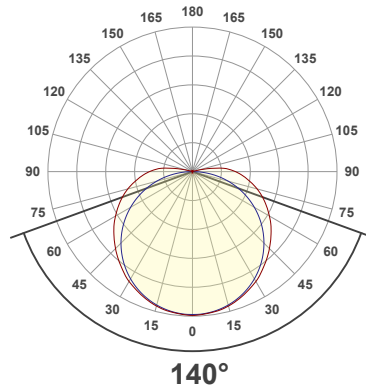
Light quality:

CRI: 0.0

Color temperature:

0 K

Output: 160 Lumen Power consumption: 6.7

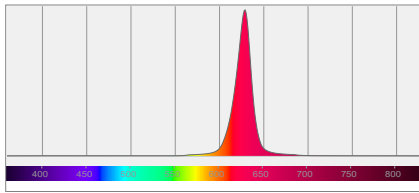
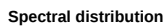


Product name:

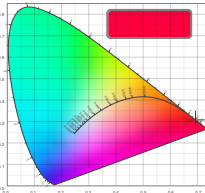
**TΩRA COB 14Watt 768led 24V
IP20 RGB (RED)**

Item number:

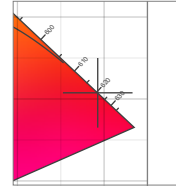
502013



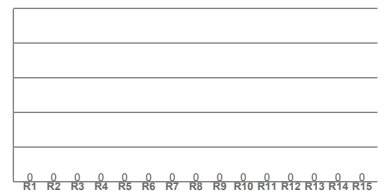
Color coordinates



White color point

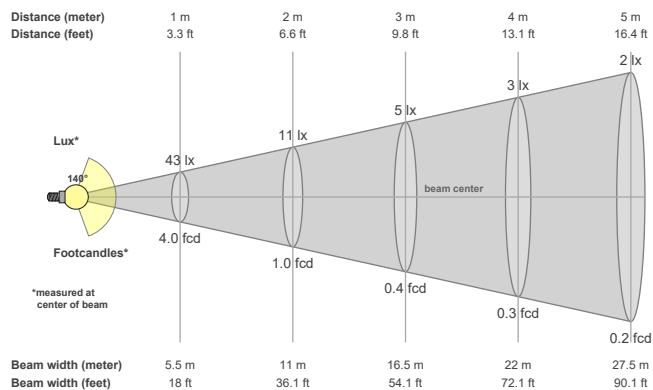


CRI R values



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	0.308	0.522	0.348	n/a

Beam details



Beam angels

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
140°	185.7°	194.3°

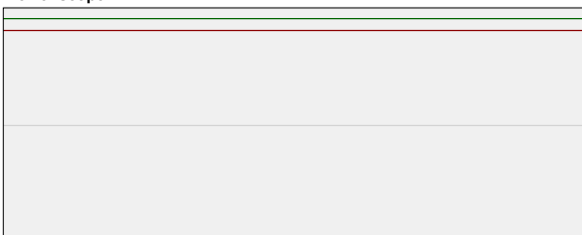
Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
43.5 cd	65.7%	43.0%

Beam intensities from 1-20m

[illegible]

Power scope



Power	Power factor	
6.7 W	1.0	

Voltage	Current	
24.0 V	0.279 A	

Light efficiency:

95 Lumen/Watt

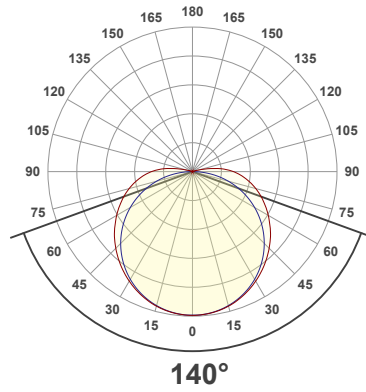
Light quality:

CRI: 0.0

Color temperature:

0 K

Output: 290 Lumen Power consumption: 3.1

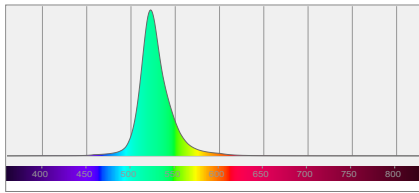
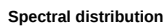


Product name:

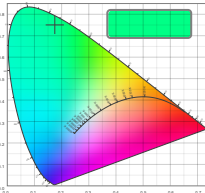
**TΩRA COB 14Watt 768led 24V
IP20 RGB (GREEN)**

Item number:

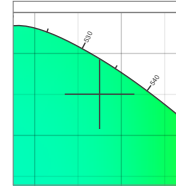
502013



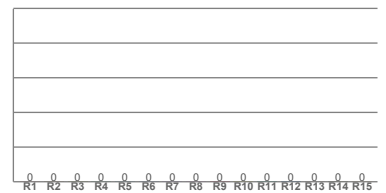
Color coordinates



White color point

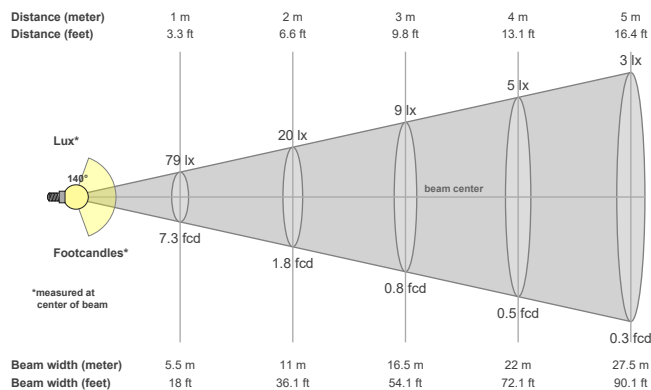


CRI R values



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	0.175	0.750	0.060	0.386	n/a

Beam details



Beam angels

Beam angle	Field angle	Cutoff angle
50%	10%	2,5%
140°	185.5°	195.4°

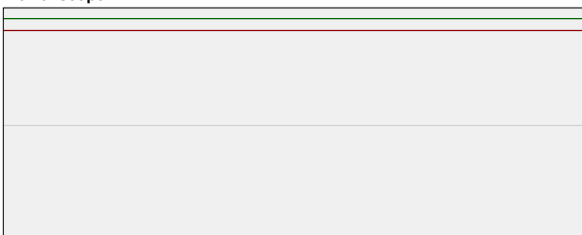
Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
79.1 cd	66.2%	43.4%

Beam intensities from 1-20m

[illegible]

Power scope



Power	Power factor	
3.1 W	1.0	

Voltage	Current	
24.0 V	0.127 A	

Light efficiency:

16 Lumen/Watt

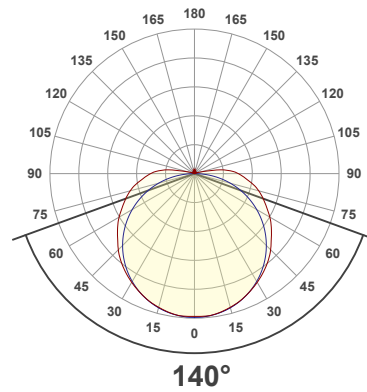
Light quality:

CRI: 0.0

Color temperature:

0 K

Output: 69.7 Lumen Power consumption: 4.4

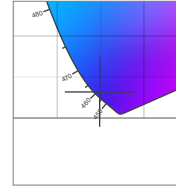
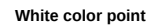
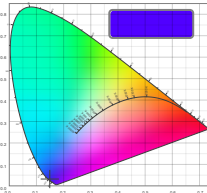
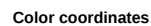
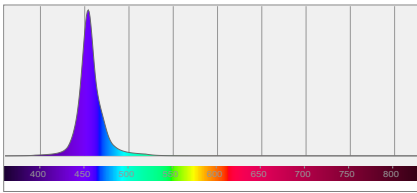
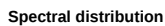


Product name:

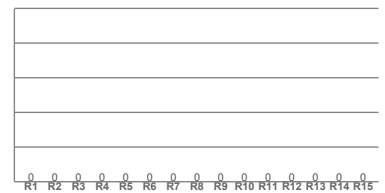
**TΩRA COB 14Watt 768led 24V
IP20 RGB (BLUE)**

Item number:

502013

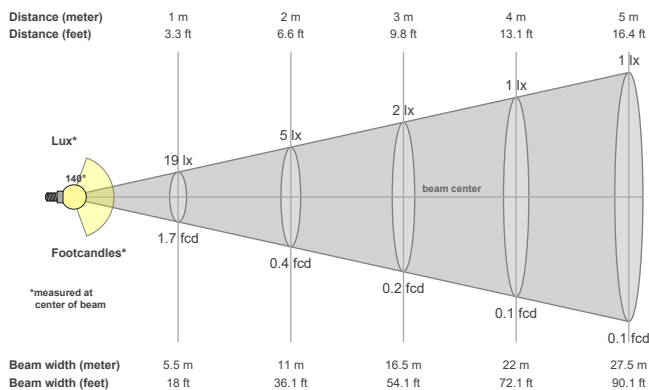


CRI R values



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	0.149	0.032	0.193	0.062	n/a

Beam details



Beam angels

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
140°	186.1°	196°

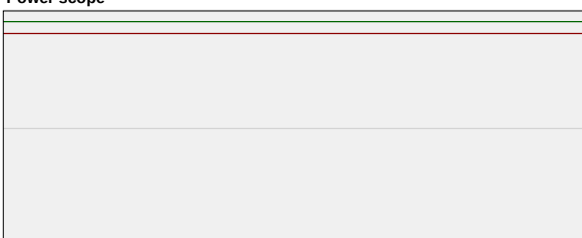
Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
18.6 cd	64.6%	42.4%

Beam intensities from 1-20m

[illegible]

Power scope



Power	Power factor	
4.4 W	1.0	

Voltage	Current	
24.0 V	0.181 A	