

Εύκαμπτη ταινία led / Flexible led strip

TORA COB

Κωδικός / Art. No. : 502125

24Vdc

14.4 Watt/m

RGBW

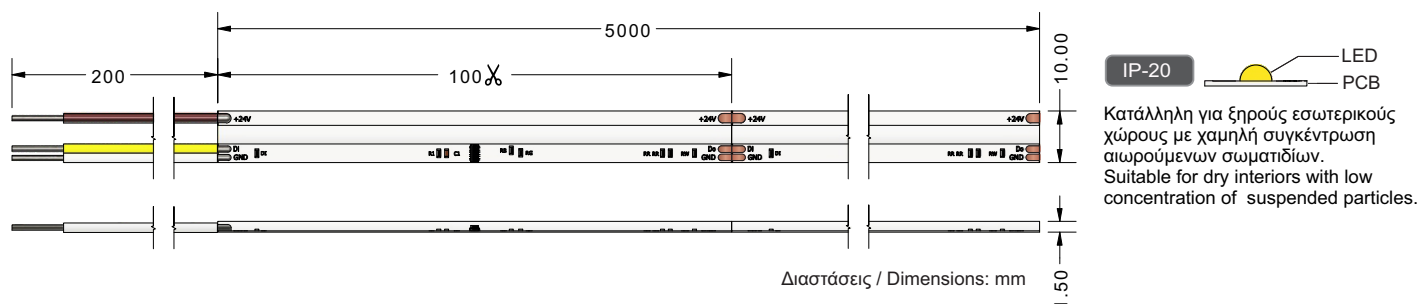
840 led/m

IP20

3 ΧΡΟΝΙΑ ΕΓΓΥΗΣΗ
YEARS WARRANTY**SPI****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 φωτισμού / Lighting control	SPI
Τύπος IC / IC type	WS2814
Pixel ανά μέτρο / Pixel per meter	10
Φωτεινή απόδοση / Luminous Efficacy	R23, G85, B13, W68 (lumen/watt)
Φωτεινή ροή / Typical Luminus Flux	R83, G306, B47, W245 (lumen/m)
Γωνία φωτισμού / Led beam angle	140°
Χρώμα / Color	RGBW
Μήκος κύματος / Wavelength	R630±5, G520±, B450±5 (nm)
Θερμοκρασία χρώματος / Typical CCT	3000K
Βαθμός χρωματικής απόδοσης / Typical CRI	>80
Ανοχή Χρώματος /Color Tolerance	5 SCDM
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 1.5(mm)
Μέγιστο μήκος λειτουργίας / Max. operating Length	5 μέτρα / 5 meters
Αριθμός Led / Led units	840 led/μέτρο / 840 led/meter
Σημείο κοπής / Cutting point	Ανά 100mm / Per 100mm
Συσκευασία / Packing	5 μέτρα / 5 meters
EAN	5206704014625
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:

23 Lumen/Watt

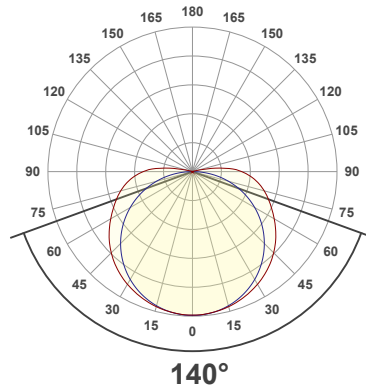
Light quality:

CRI: 0.0

Color temperature:

0 K

Output: 83.0 Lumen Power consumption: 3.6

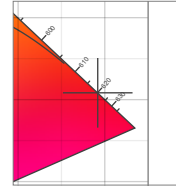
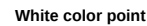
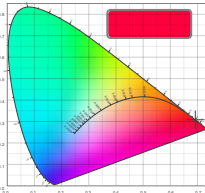
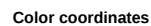
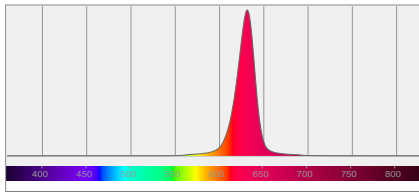
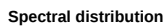


Product name:

**TΩRA COB SPI 14.4Watt 840led
24V IP20 RGBW(RED)**

Item number:

502125

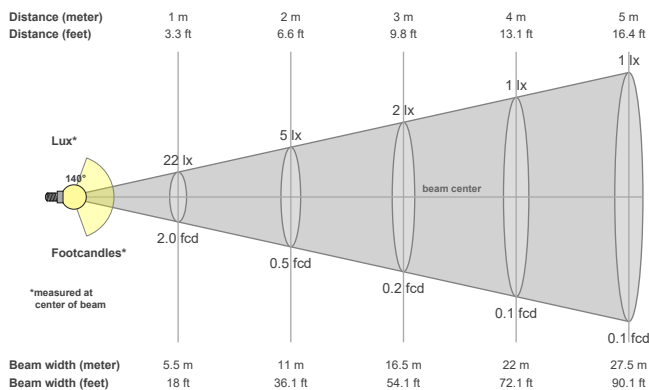


CRI R values

A blank coordinate grid with x and y axes. The x-axis is labeled with R1 through R15, and the y-axis is labeled with Q1 through Q5. The grid consists of 15 columns and 5 rows.

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	0.692	0.308	0.521	0.348	n/a

Beam details



Beam angels

Beam angle	Field angle	Cutoff angle
Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
140°	185.4°	194.2°

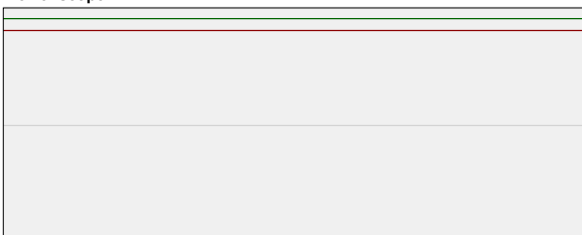
Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
21.7 cd	64.8%	42.2%

Beam intensities from 1-20m

[illegible]

Power scope



Power	Power factor	
3.6 W	1.0	

Voltage	Current	
24.0 V	0.150 A	

Light efficiency:

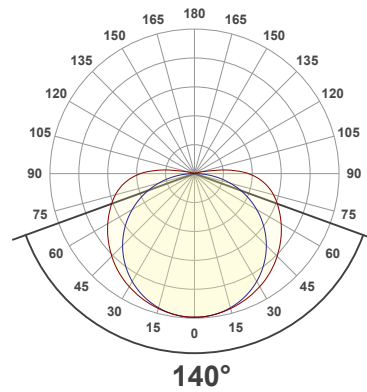


Light quality:

CRI: 0.0

Color temperature:

0 K



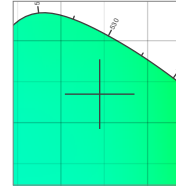
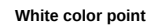
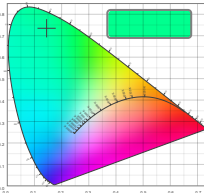
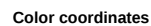
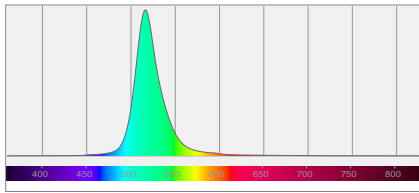
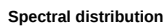
Product name:

**TΩRA COB SPI 14.4Watt 840led
24V IP20 RGBW(GREEN)**

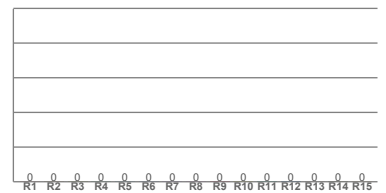
Item number:

502125

Output: 306 Lumen Power consumption: 3.6

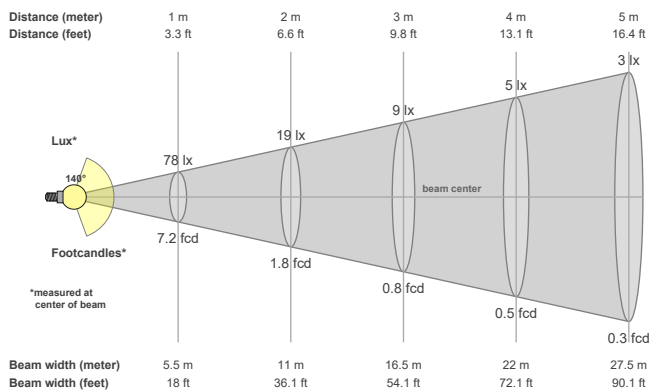


CRI R values



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	0.145	0.735	0.050	0.382	n/a

Beam details



Beam angels

Beam angle	Field angle	Cutoff angle
Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
140°	185.2°	194.6°

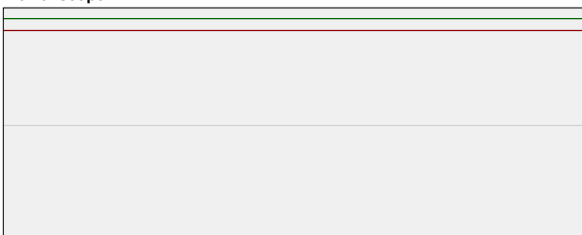
Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
77.9 cd	63.6%	41.1%

Beam intensities from 1-20m

[illegible]

Power scope



Power	Power factor	
3.6 W	1.0	

Voltage	Current	
24.0 V	0.150 A	

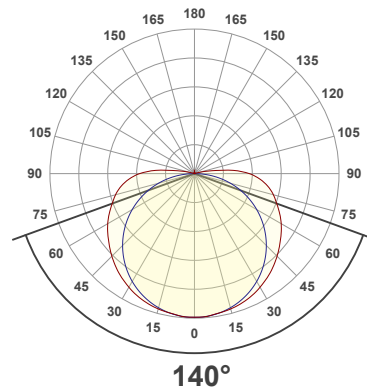
Light efficiency:



Light quality:



Color temperature:



Product name:

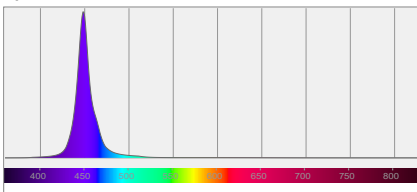
**TΩRA COB SPI 14.4Watt 840led
24V IP20 RGBW(BLUE)**

Item number:

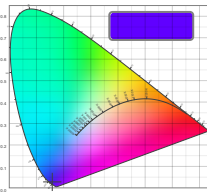
502125

Output: 46.9 Lumen Power consumption: 3.6

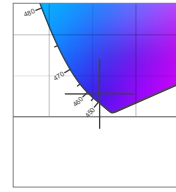
Spectral distribution



Color coordinates



White color point

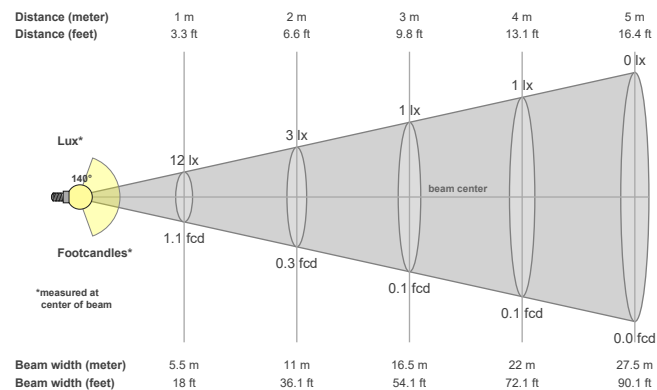


CRI R values



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	0.158	0.028	0.210	0.055	n/a

Beam details



Beam angels

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
140°	185°	194.5°

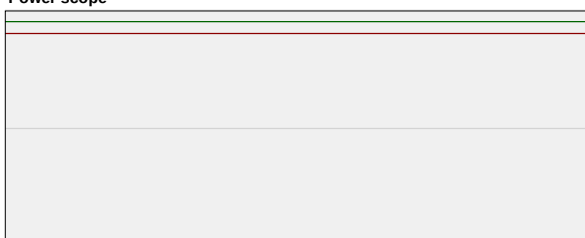
Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
11.9 cd	63.5%	41.1%

Beam intensities from 1-20m

[illegible]

Power scope



Power	Power factor	
3.6 W	1.0	

Voltage	Current	
24.0 V	0.150 A	

Light efficiency:

68 Lumen/Watt

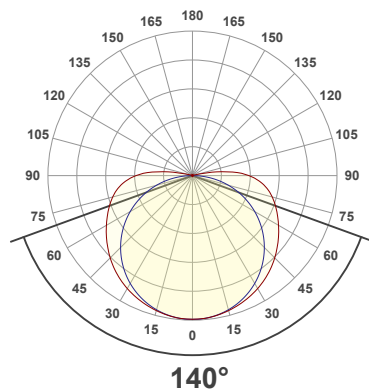
Light quality:

CRI: 92.3

Color temperature:

3000 K

Output: 245 Lumen Power consumption: 3.6



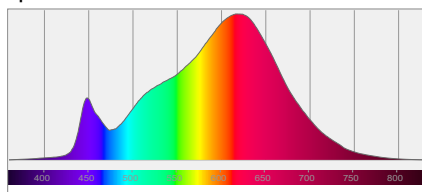
Product name:

**TQRA COB SPI 14.4Watt 840led
24V IP20 RGBW(WHITE)**

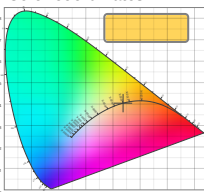
Item number:

502125

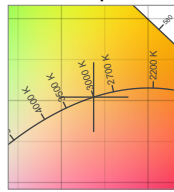
Spectral distribution



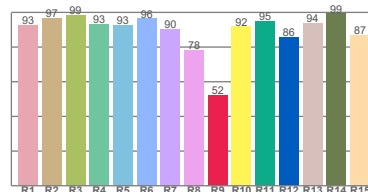
Color coordinates



White color point

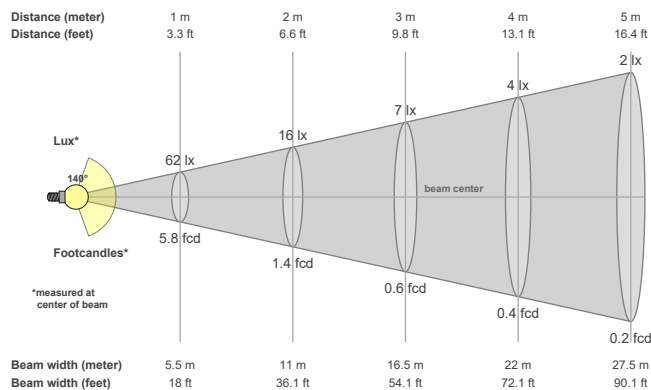


CRI R values



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
3000 K	92.3	52.3	91.7	99.6	90.2	0.437	0.404	0.251	0.348	-0.0009

Beam details



Beam angles

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
140°	185.8°	194.5°

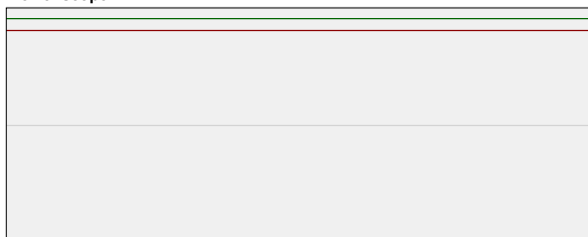
Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
62.0 cd	63.2%	40.9%

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
62lx	16lx	7lx	4lx	2lx	2lx	1lx	1lx	1lx	1lx	1lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx
5.8fcd	1.4fcd	0.6fcd	0.4fcd	0.2fcd	0.2fcd	0.1fcd	0.1fcd	0.1fcd	0.1fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd

Power scope



Power	Power factor	
3.6 W	1.0	

Voltage	Current	
24.0 V	0.150 A	