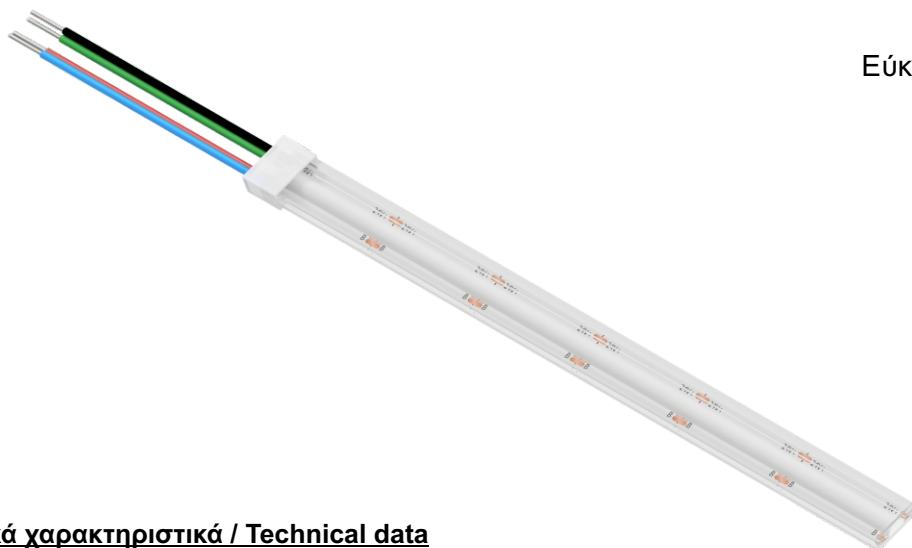




Εύκαμπτη ταινία led / Flexible led strip

TORA COB

Κωδικός / Art. No. : 502018

24Vdc

14 Watt/m

RGB

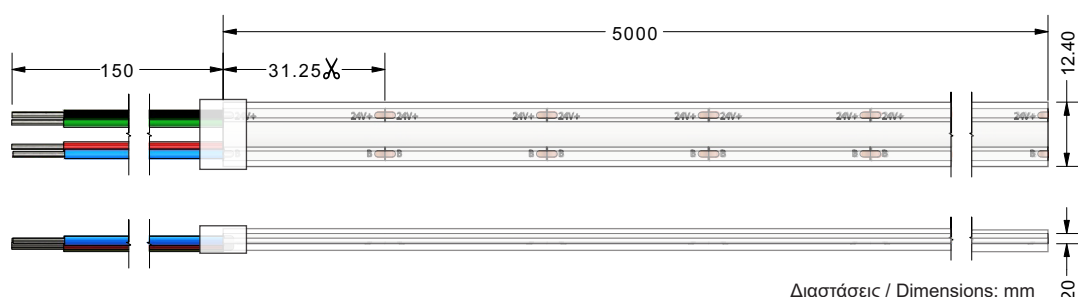
768led/m

IP67

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	R22, G89, B15 (lumen/watt)
Φωτεινή ροή / Typical Luminus Flux	R150, G273, B66 (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	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	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	5206704009614
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-67

Silicone tube
LED
PCB

Κατάλληλη για εσωτερικούς - εξωτερικούς χώρους με υψηλή υγρασία.
Κατάλληλη για εσωτερικούς - εξωτερικούς χώρους με υψηλή συγκέντρωση αιωρούμενων σωματιδίων.
Δυνατότητα παραμονής σε νερό για μικρό χρονικό διάστημα.
Suitable for indoor - outdoor areas with high humidity.
Suitable for indoor - outdoor areas with high concentration of suspended particles.
Can stay in water for a short time.

Light efficiency:

22 Lumen/Watt

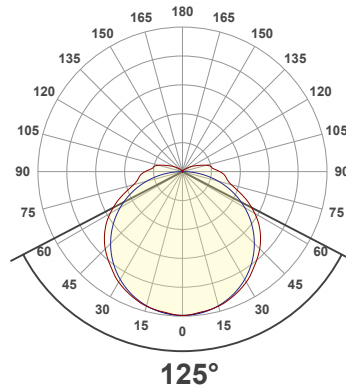
Light quality:

CRI: 0.0

Color temperature:

0 K

Output: 150 Lumen Power consumption: 6.8



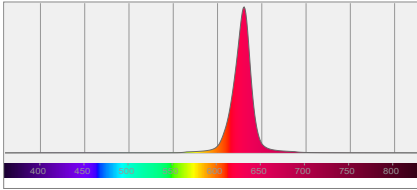
Product name:

TQRA COB 14Watt 768led 24V
IP67 RGB(RED)

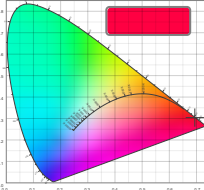
Item number:

502018

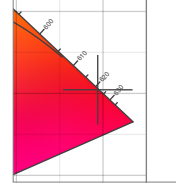
Spectral distribution



Color coordinates



White color point

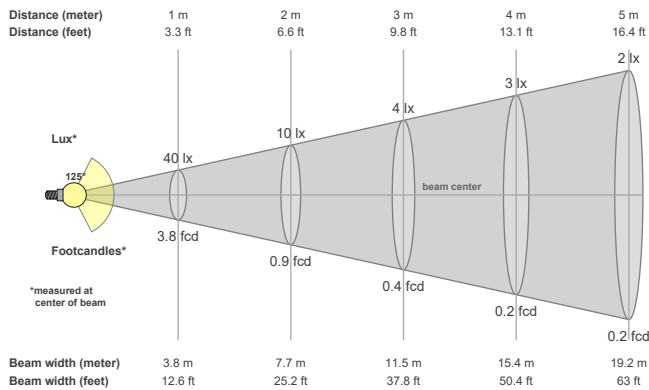


CRI R values

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15

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	0.694	0.304	0.527	0.347	n/a

Beam details



Beam angels

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
125°	198.5°	222°

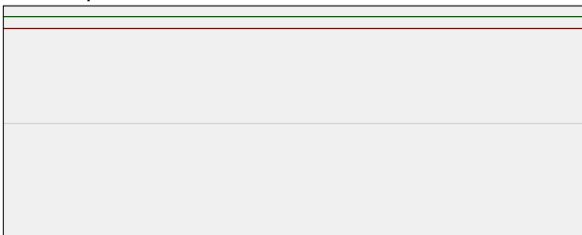
Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
40.4 cd	65.2%	42.9%

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
40lx	10lx	4lx	3lx	2lx	1lx	1lx	1lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx
3.8fcd	0.9fcd	0.4fcd	0.2fcd	0.2fcd	0.1fcd	0.1fcd	0.1fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd

Power scope



Power	Power factor	
6.8 W	1.0	

Voltage	Current	
24.0 V	0.284 A	

Light efficiency:

89 Lumen/Watt

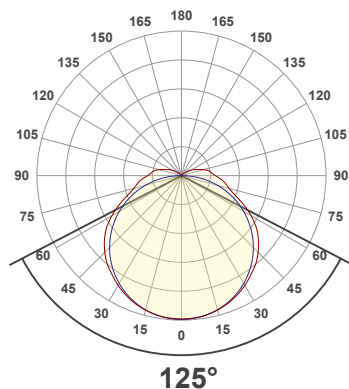
Light quality:

CRI: 0.0

Color temperature:

0 K

Output: 273 Lumen Power consumption: 3.1



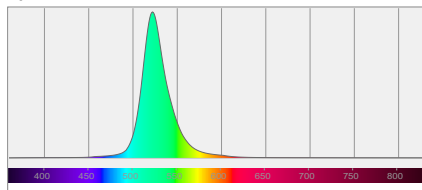
Product name:

TQRA COB 14Watt 768led 24V
IP67 RGB(GREEN)

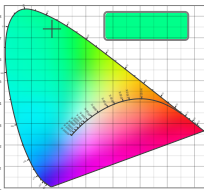
Item number:

502018

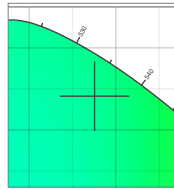
Spectral distribution



Color coordinates



White color point

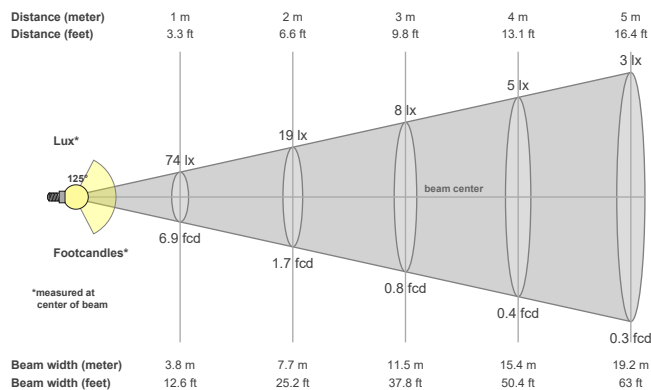


CRI R values

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15

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	0.175	0.741	0.061	0.385	n/a

Beam details



Beam angels

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
125°	199.1°	224.1°

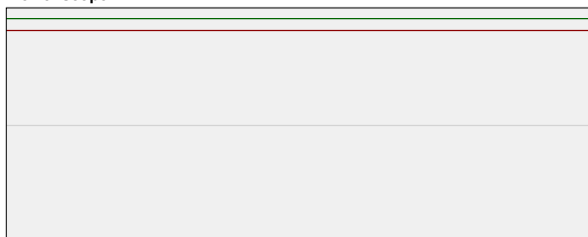
Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
74.5 cd	65.8%	43.4%

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
74lx	19lx	8lx	5lx	3lx	2lx	2lx	1lx	1lx	1lx	1lx	1lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx
6.9fcd	1.7fcd	0.8fcd	0.4fcd	0.3fcd	0.2fcd	0.1fcd	0.1fcd	0.1fcd	0.1fcd	0.1fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd

Power scope



Power	Power factor	
3.1 W	1.0	

Voltage	Current	
24.0 V	0.128 A	

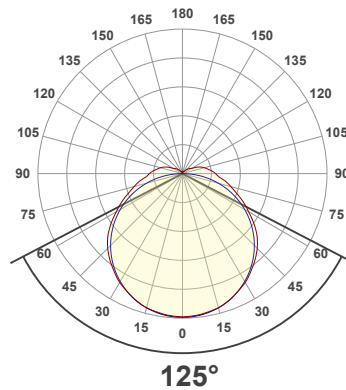
Light efficiency:



Light quality:



Color temperature:



Product name:

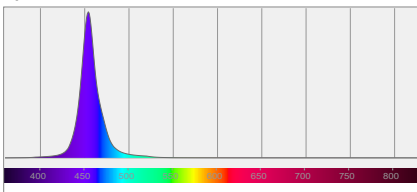
**TΩRA COB 14Watt 768led 24V
IP67 RGB(BLUE)**

Item number:

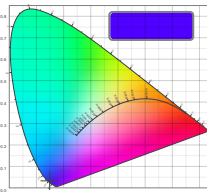
502018

Output: 66.2 Lumen Power consumption: 4.4

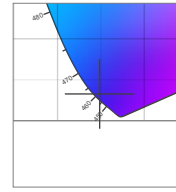
Spectral distribution



Color coordinates



White color point

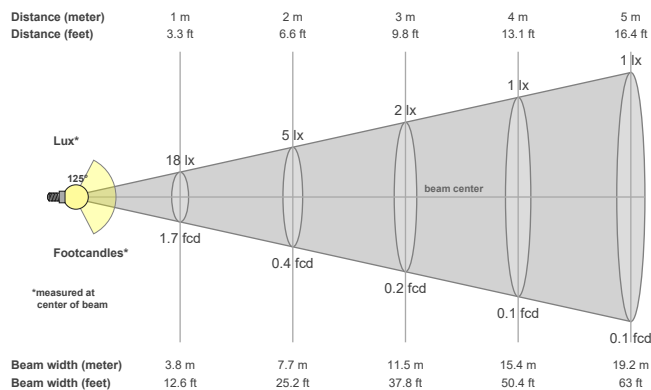


CRI R values



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	0.149	0.033	0.192	0.063	n/a

Beam details



Beam angels

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
125°	199.9°	229°

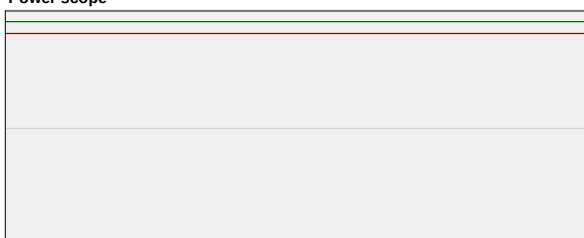
Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
18.2 cd	65.5%	43.4%

Beam intensities from 1-20m

[illegible]

Power scope



Power	Power factor	
4.4 W	1.0	

Voltage	Current	
24.0 V	0.183 A	