

RGB

24V

14,4 Watt/m

60 Led/m



Τεχνικά χαρακτηριστικά / Technical data

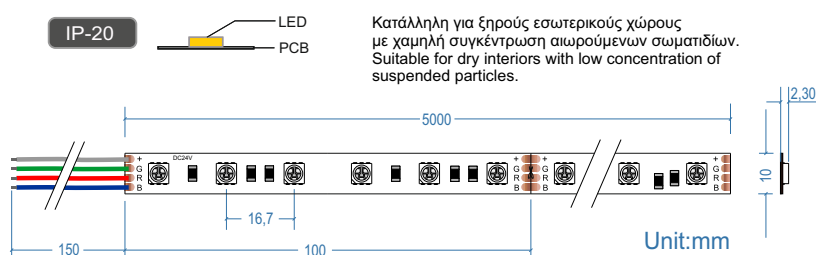
Κατανάλωση / Power consumption	14,4kWh/1000h/m
Τάση λειτουργίας / Operating Voltage	24Vdc
Ρεύμα λειτουργίας / Typical operating Current	0,6 A/m
Προστασία / Protection class	III
Ρύθμιση έντασης φωτισμού / Dimming	PWM Dimmable
Αποδοτικότητα / Efficiency	R(31)/G(66)/B(15) (lumen/watt)
Φωτεινή ροή / Typical Luminous Flux	R(151)/G(316)/B(70) (lumen/m)
Γωνία φωτισμού / Led beam angle	120°
Συνέπεια χρώματος / Color consistency	-
Βαθμός χρωματικής απόδοσης / Typical CRI	-
Χρώμα / Color	RGB
Μήκος κύματος / Wavelength	R(630+/-5 nm) - G(520+/-5 nm) - B(465+/-5 nm)
Χρόνος ζωής στους 25°C / Rated lifetime at 25°C (L ₇₀ B ₅₀)	20.000 ώρες/hours
Βαθμός στεγανότητας / Ingress protection	IP20
Θερμοκρασία λειτουργίας / Ambient 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 /m
Απόσταση μεταξύ led / Distance between led	16,7 mm
Σημείο κοπής / Cutting point	Ανά 6 led (100mm) / Per 6 led (100mm)
Εγγύηση / Warranty	2 χρόνια/2 years

EAN

5206704001359

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

Σχέδιο - Διαστάσεις / Drawing - Dimensions



EN 62031:2008/A2:2015
IEC TR 62778:2014
EN 55015:2013/A1:2015
EN61547:2009

Light efficiency:



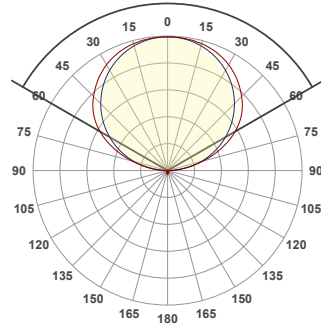
Light quality:



Color temperature:



120°



Product name:

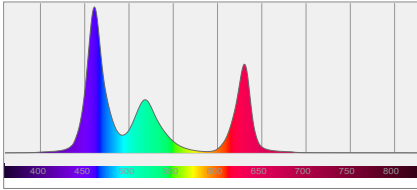
TQRA 14,4Watt/m 24Vdc RGB IP20 (ALL)

Item number:

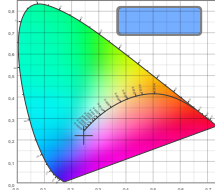
50-0079

Output: 537 Lumen Power consumption: 14,4

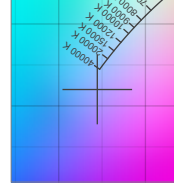
Spectral distribution



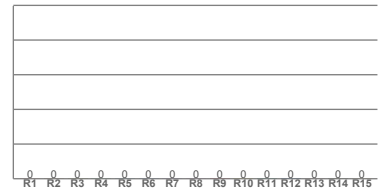
Color coordinates



White color point

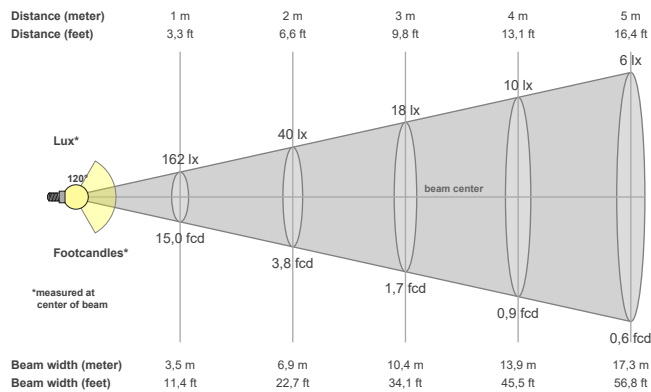


CRI R values



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	0,244	0,220	0,190	0,256	n/a

Beam details



Beam angels

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
120°	167,4°	176,7°

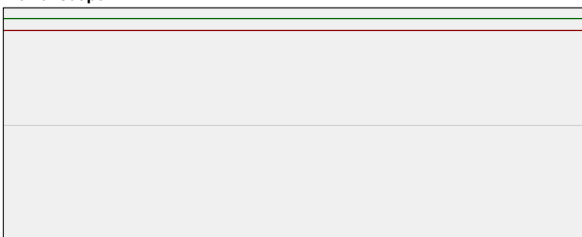
Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
162 cd	74,1%	48,7%

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
162lx	40lx	18lx	10lx	6lx	4lx	3lx	3lx	2lx	2lx	1lx	1lx	1lx	1lx	1lx	1lx	1lx	0lx	0lx	0lx
15fcd	3,8fcd	1,7fcd	0,9fcd	0,6fcd	0,4fcd	0,3fcd	0,2fcd	0,2fcd	0,2fcd	0,1fcd	0,1fcd	0,1fcd	0,1fcd	0,1fcd	0,1fcd	0,1fcd	0fcd	0fcd	0fcd

Power scope



Power	Power factor
14,4 W	1,0

Voltage	Current
24,0 V	0,600 A

Light efficiency:



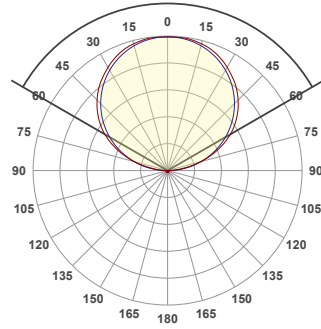
Light quality:



Color temperature:



120°



Product name:

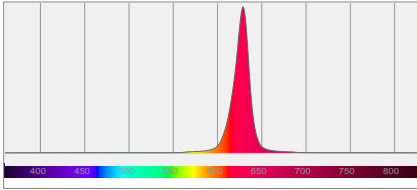
**TQRA 14,4Watt/m 24Vdc RGB
IP20 RED**

Item number:

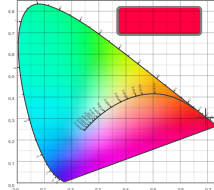
50-0079

Output: 151 Lumen Power consumption: 4,8

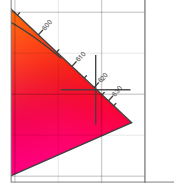
Spectral distribution



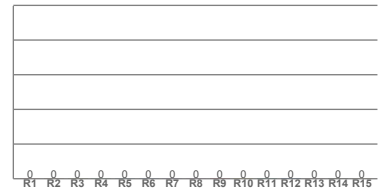
Color coordinates



White color point

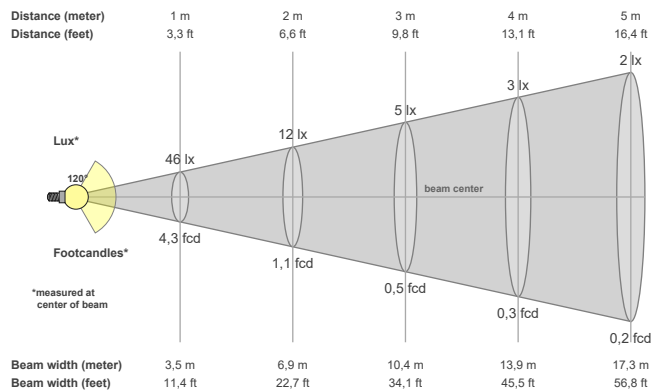


CRI R values



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 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	0,693	0,305	0,525	0,347	n/a

Beam details



Beam angels

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
120°	167,3°	178,5°

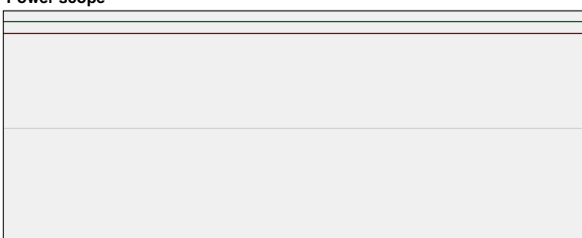
Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
46,2 cd	73,8%	48,9%

Beam intensities from 1-20m

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
46lx	12lx	5lx	3lx	2lx	1lx	1lx	1lx	1lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx
4,3fcd	1,1fcd	0,5fcd	0,3fcd	0,2fcd	0,1fcd	0,1fcd	0,1fcd	0,1fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd

Power scope



Power	Power factor
4,8 W	1,0

Voltage	Current
24,0 V	0,200 A

Light efficiency:



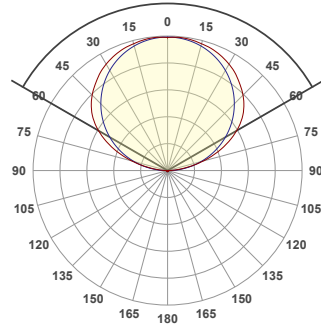
Light quality:



Color temperature:



120°



Product name:

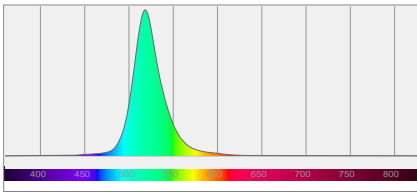
**TQRA 14,4Watt/m 24Vdc
RGB IP20 GREEN**

Item number:

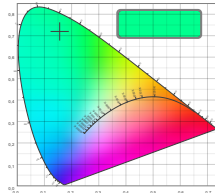
50-0079

Output: 316 Lumen Power consumption: 4,8

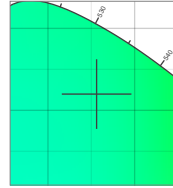
Spectral distribution



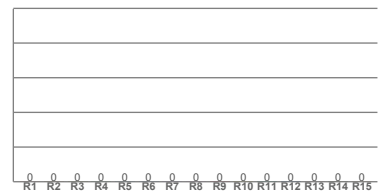
Color coordinates



White color point

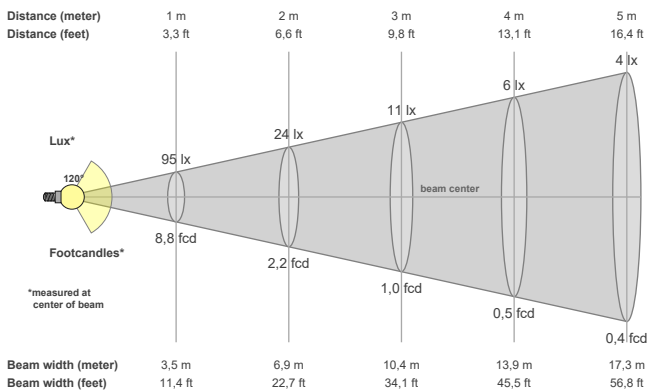


CRI R values



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 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	0,156	0,720	0,055	0,381	n/a

Beam details



Beam angles

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
120°	167,5°	177,8°

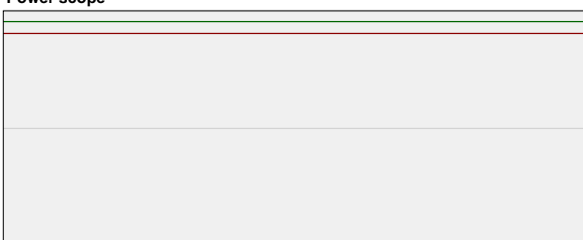
Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
94,9 cd	74,0%	48,5%

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
95lx	24lx	11lx	6lx	4lx	3lx	2lx	1lx	1lx	1lx	1lx	1lx	1lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx
8,8fcd	2,2fcd	1fcd	0,5fcd	0,4fcd	0,2fcd	0,2fcd	0,1fcd	0,1fcd	0,1fcd	0,1fcd	0,1fcd	0,1fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd

Power scope



Power	Power factor
4,8 W	1,0

Voltage	Current
24,0 V	0,200 A

