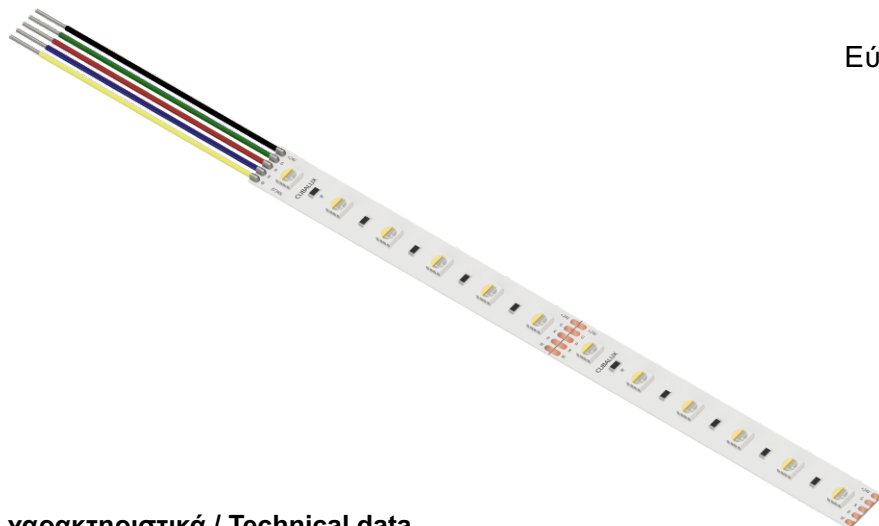




Εύκαμπτη ταινία led / Flexible led strip

JAZ

Κωδικός / Art. No. : 132172

24Vdc

11.5 Watt/m

RGBW

60led/m

IP20

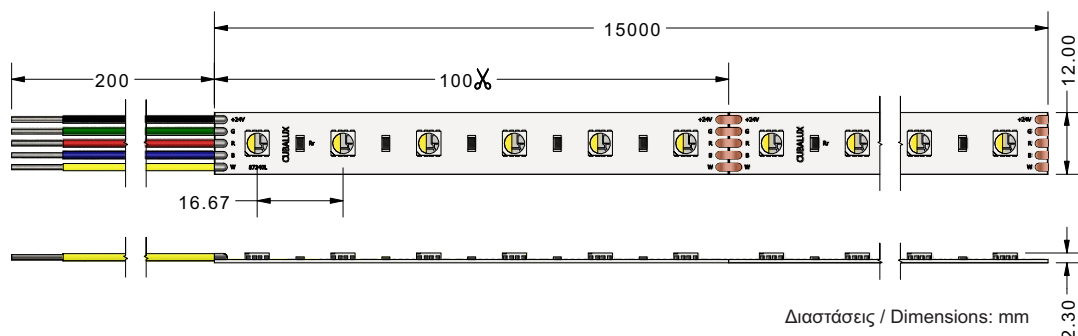
5 ΧΡΟΝΙΑ ΕΓΓΥΗΣΗ
YEARS WARRANTY

Τεχνικά χαρακτηριστικά / Technical data

Κατανάλωση ενέργειας / Power consumption	11.5 kWh/1000h/m
Ονομαστική Ισχύς / Rated wattage	11.5 W/m
Τάση λειτουργίας / Operating Voltage	24Vdc
Ρεύμα λειτουργίας / Typical operating Current	0.48 A/m
Κατηγορία προστασίας / Protection class	III
Ρύθμιση έντασης φωτισμού / Dimming	PWM (Dali / DMX512 / RF / Push Button)
Φωτεινή απόδοση / Luminous Efficacy	R32, G72, B16, W89 (lumen/watt)
Φωτεινή ροή / Typical Luminus Flux	R92, G207, B46, W255 (lumen/m)
Γωνία φωτισμού / Led beam angle	120°
Χρώμα / Color	RGBW
Μήκος κύματος / Wavelength	R623±5, G520±, B465±5 (nm)
Θερμοκρασία χρώματος / Typical CCT	3000K
Βαθμός χρωματικής απόδοσης / Typical CRI	>80
Ανοχή Χρώματος /Color Tolerance	5 SDCM
Διάρκεια ζωής στους 25 °C / Rated life time at 25 °C	50.000 ώρες/hours
Βαθμός στεγανότητας / Ingress protection	IP20
Λειτουργία σε θερμοκρασία περιβάλλοντος / Ambient working Temp. ta	-20...+50°C
Διαστάσεις (ΜxΠxΥ) / Dimension (LxWxH)	15000 x 12 x 2.30(mm)
Μέγιστο μήκος λειτουργίας / Max. operating Length	15 μέτρα / 15 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	15 μέτρα / 15 meters
EAN	5206704009935
Εγγύηση / Warranty	5 χρόνια / 5 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:

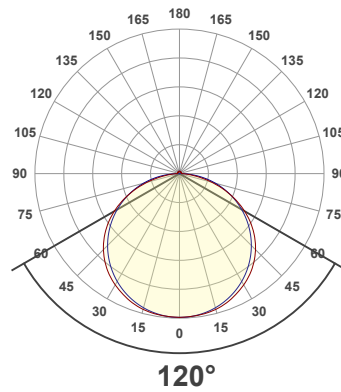
32 Lumen/Watt

Light quality:

CRI: 0.0

Color temperature:

0 K



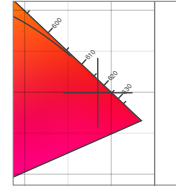
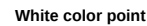
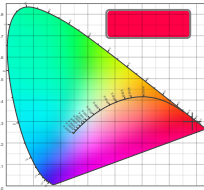
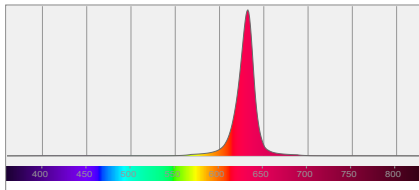
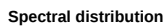
Product name:

**JAZZ 11.5Watt 60led 24V IP20
RGBW_RED**

Item number:

132172

Output: 92.0 Lumen Power consumption: 2.9

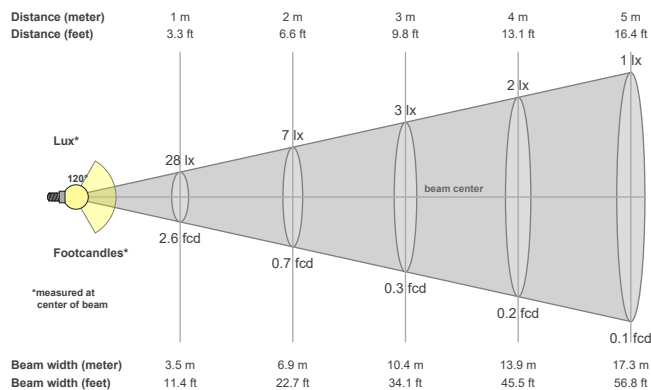


CRI R values

A blank coordinate grid for plotting. The horizontal axis (x-axis) is labeled with integers from R_1 to R_{15} . The vertical axis (y-axis) has four horizontal grid lines above the x-axis, but no numerical labels are provided.

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	0.684	0.299	0.524	0.344	n/a

Beam details



Beam angels

Beam angle	Field angle	Cutoff angle
50%	10%	2,5%
120°	166.7°	178.4°

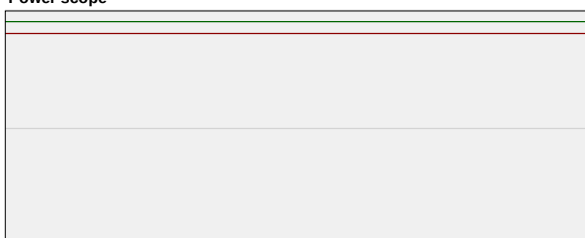
Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
28.3 cd	74.1%	49.2%

Beam intensities from 1-20m

[illegible]

Power scope



Power	Power factor	
2.9 W	1.0	

Voltage	Current	
24.0 V	0.120 A	

Light efficiency:

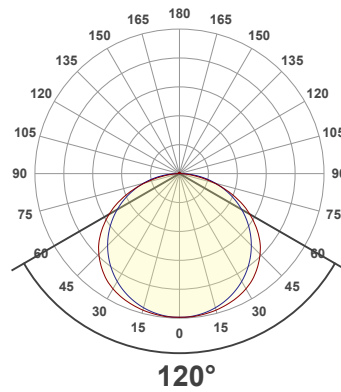
72 Lumen/Watt

Light quality:

CRI: 0.0

Color temperature:

0 K



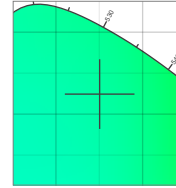
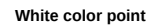
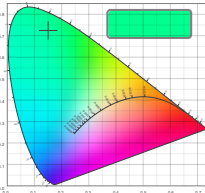
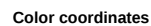
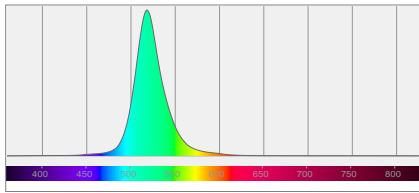
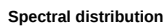
Product name:

**JAZZ 11.5Watt 60led 24V IP20
RGBW_GREEN**

Item number:

132172

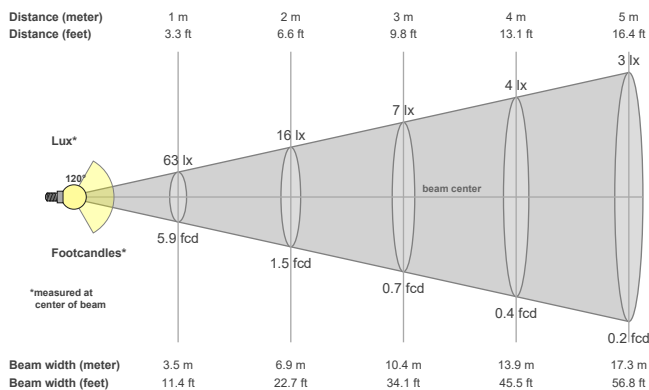
Output: 207 Lumen Power consumption: 2.9



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	0.150	0.724	0.053	0.382	n/a

Beam details



Beam angels

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
120°	166.6°	176.2°

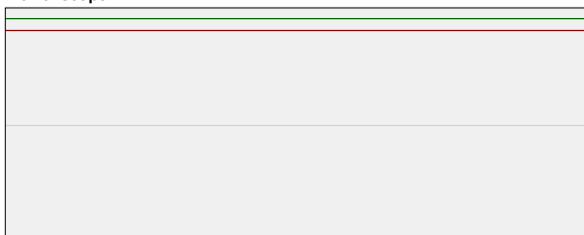
Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
63.1 cd	74.9%	49.4%

Beam intensities from 1-20m

[illegible]

Power scope



Power	Power factor	
2.9 W	1.0	

Voltage	Current	
24.0 V	0.120 A	

Light efficiency:

16 Lumen/Watt

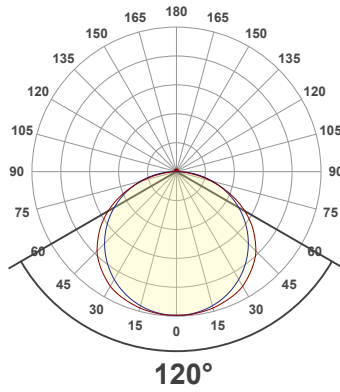
Light quality:

CRI: 0.0

Color temperature:

0 K

Output: 46.1 Lumen Power consumption: 2.9

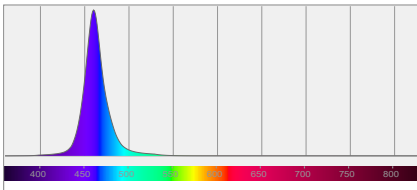
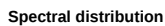


Product name:

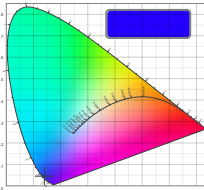
**JAZZ 11.5Watt 60led 24V IP20
RGBW_BLUE**

Item number:

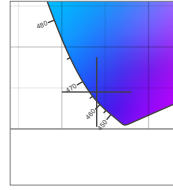
132172



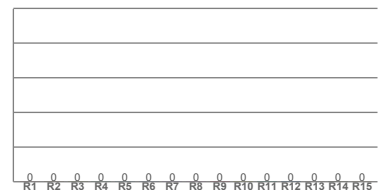
Color coordinates



White color point

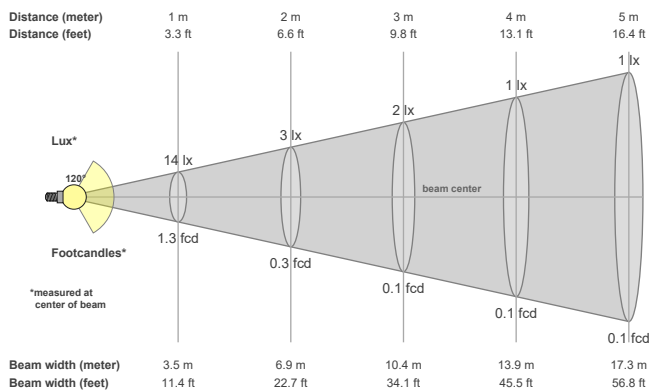


CRI R values



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	0.045	0.172	0.083	n/a

Beam details



Beam angels

Beam angle	Field angle	Cutoff angle
Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
120°	166.8°	177.7°

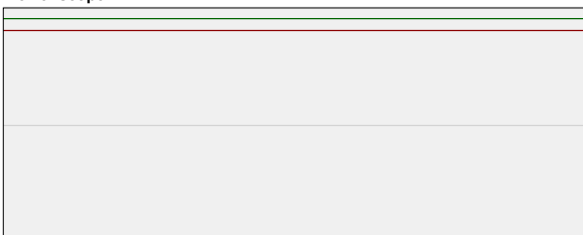
Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
13.9 cd	74.0%	48.9%

Beam intensities from 1-20m

[illegible]

Power scope



Power	Power factor	
2.9 W	1.0	

Voltage	Current	
24.0 V	0.120 A	

Light efficiency:

89 Lumen/Watt

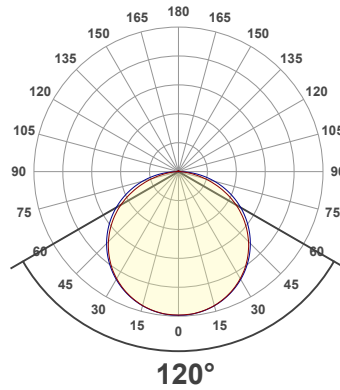
Light quality:

CRI: 82.8

Color temperature:

3000 K

Output: 255 Lumen Power consumption: 2.9



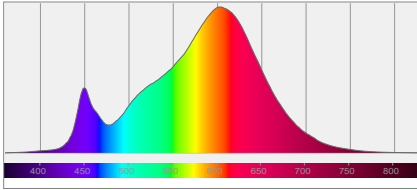
Product name:

**JAZZ 11.5Watt 60led 24V IP20
RGBW_WHITE**

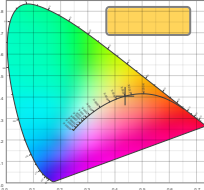
Item number:

132172

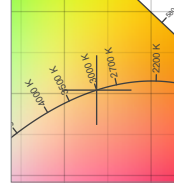
Spectral distribution



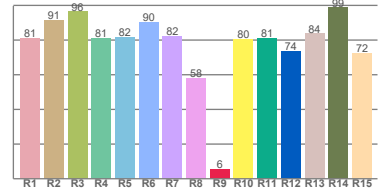
Color coordinates



White color point

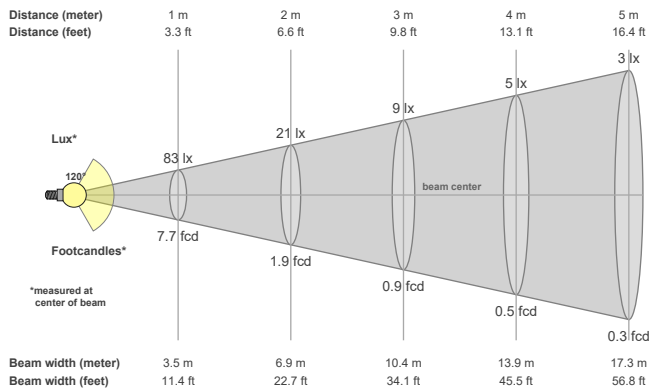


CRI R values



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	82.8	5.5	85.5	95.4	82.5	0.437	0.404	0.251	0.348	0.0007

Beam details



Beam angles

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
120°	165.1°	175.7°

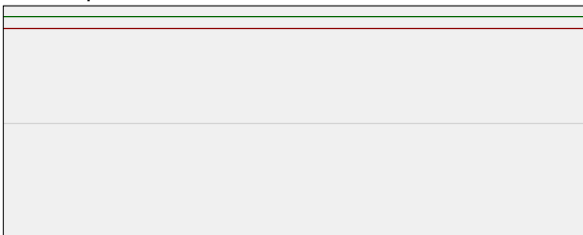
Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
83.2 cd	76.0%	51.0%

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
83lx	21lx	9lx	5lx	3lx	2lx	2lx	1lx	1lx	1lx	1lx	1lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx
7.7fcd	1.9fcd	0.9fcd	0.5fcd	0.3fcd	0.2fcd	0.2fcd	0.1fcd	0.1fcd	0.1fcd	0.1fcd	0.1fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd

Power scope



Power	Power factor	
2.9 W	1.0	

Voltage	Current	
24.0 V	0.120 A	