

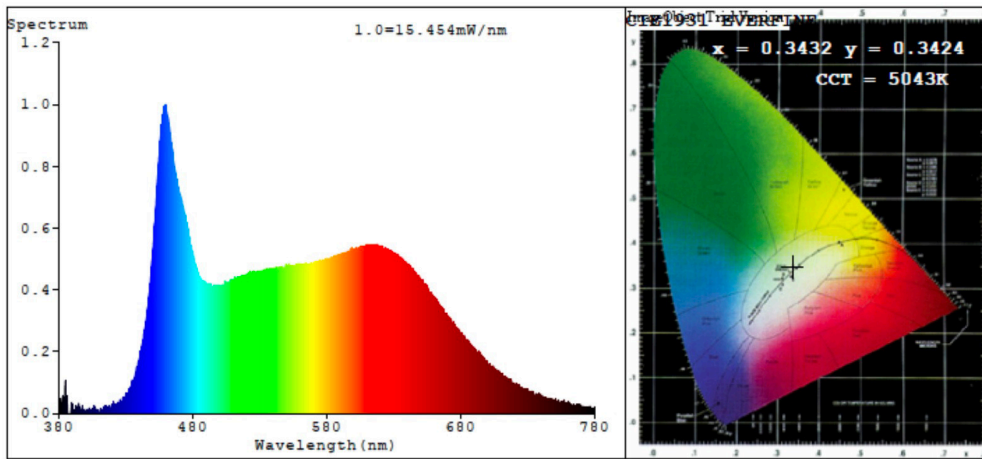
INTUITIVE *REFAELO 125*



REFAELO 125 SPECIFICATION

Product Name	INTUITIVE <i>REFAELO 125</i>
Finish	Matte white
Model	5W
Size	Ø125x174mm
Voltage/Hz	220-240V 50/60Hz
Color	CCT 1800K-5000K
Lumen(lm)	450lm
CRI	CRI>90
IP rate	IP20
Beam Angle	360°
Protocol	Bluetooth Sigmesh

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:	x=0.3432	y=0.3424/u'=0.2138
	V'=0.4798	
CCT	5043K (Duv=-0.0039)	
Dominant Wavelength:	Ld =579.1nm	Purity=5.7%
Color Ratio:	R=18.7%	G=74.3% B=7.0%
Peak Wavelength:	Lp=459.7nm	FWHM=31.3nm
Render Index(CRI):	Ra=90.4	
	R1 =93 R2 =91 R3 =91 R4 =90	
	R5 =92 R6 =88 R7 =87 R8 =90	
	R9 =95 R10=84 R11=93 R12=73	
	R13=92 R14=96 R15=93	

Photo Parameters:

Flux	544.6 lm
Efficiency	102.34 lm/W
Fe	1.994 W

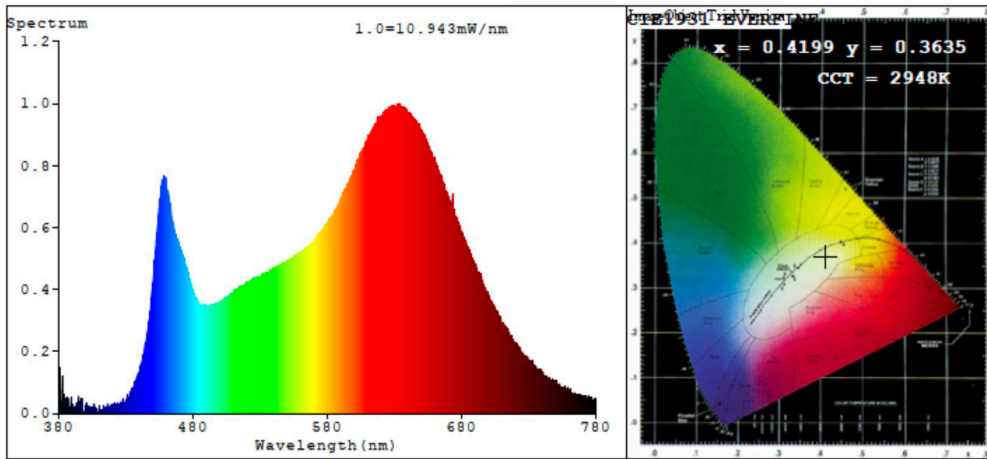
Electrical Parameters:

Voltage:	230.41 V
Current:	0.03459 A
Power:	5.321 W
Power Factor:	0.6677

LEVEL: OUT WHITE: OUT

Status: Integral T = 1406 ms Ip= 14948 (23%)

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:	x=0.4199	y=0.3635/u'=0.2575
	v'=0.5016	
CCT	2948K(Duv=-0.0148)	
Dominant Wavelength:	Ld =590.8nm	Purity=35.1%
Color Ratio:	R=27.5%	G=67.8% B=4.6%
Peak Wavelength:	Lp=634.3nm	FWHM=134.2nm
Render Index(CRI):	Ra=87.8	
	R1 =87 R2 =85 R3 =88 R4 =94	
	R5 =85 R6 =77 R7 =90 R8 =96	
	R9 =84 R10=70 R11=90 R12=59	
	R13=85 R14=95 R15=88	

Photo Parameters:

Flux	460.9 lm
Efficiency	88.11 lm/W
Fe	1.874 W

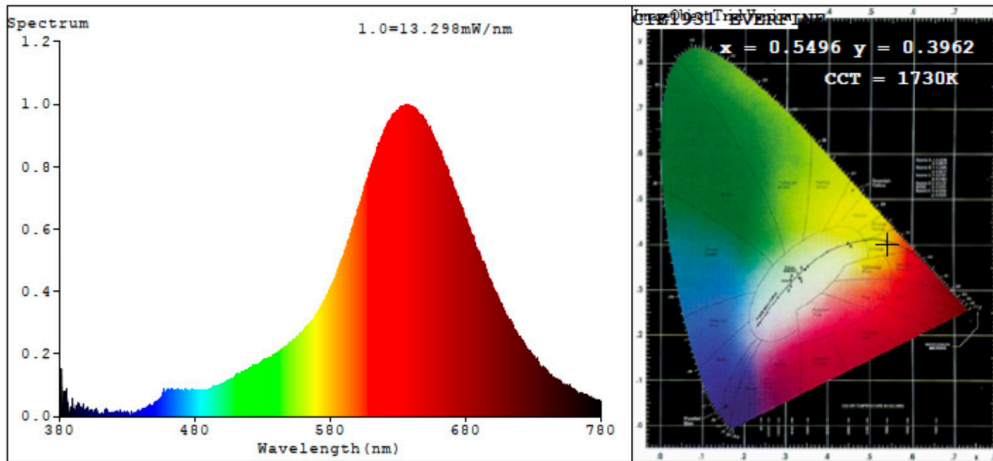
Electrical Parameters:

Voltage:	230.41 V
Current:	0.03410 A
Power:	5.231 W
Power Factor:	0.6657

LEVEL: OUT WHITE: OUT

Status: Integral T = 1406 ms Ip= 16082 (25%)

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:	x=0.5496 y=0.3962/u'=0.3303 v'=0.5358
CCT	1730K (Duv=-0.0032)
Dominant Wavelength:	Ld =592.8nm Purity=83.9%
Color Ratio:	R=40.8% G=57.8% B=1.4%
Peak Wavelength:	Lp=636.5nm FwHM=103.2nm
Render Index(CRI):	Ra=91.1 R1 =97 R2 =96 R3 =92 R4 =97 R5 =99 R6 =86 R7 =85 R8 =78 R9 =62 R10=92 R11=95 R12=69 R13=99 R14=97 R15=90

Photo Parameters:

Flux	356.9 lm
Efficiency	67.87 lm/W
Fe	1.677 W

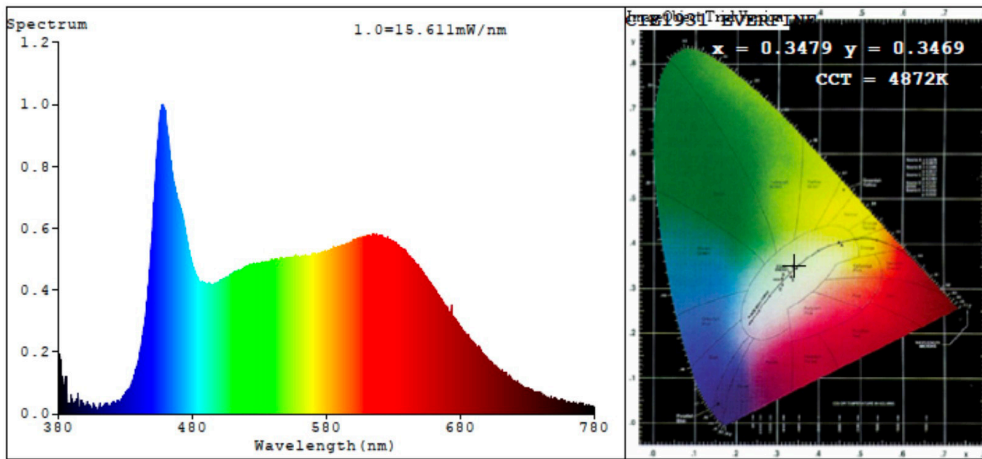
Electrical Parameters:

Voltage:	230.43 V
Current:	0.03422 A
Power:	5.259 W
Power Factor:	0.6669

LEVEL: OUT WHITE: OUT

Status: Integral T = 1406 ms Ip= 19328 (29%)

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:	x=0.3479	y=0.3469/u'=0.2152
	v'=0.4828	
CCT	4872K (Duv=-0.0036)	
Dominant Wavelength:	Ld =579.0nm	Purity=8.5%
Color Ratio:	R=18.9%	G=74.6% B=6.6%
Peak Wavelength:	Lp=457.7nm	FWHM=30.6nm
Render Index(CRI):	Ra=91.5	
	R1 =95 R2 =93 R3 =93 R4 =89	
	R5 =92 R6 =91 R7 =88 R8 =90	
	R9 =95 R10=88 R11=94 R12=70	
	R13=94 R14=97 R15=93	

Photo Parameters:

Flux	578.7 lm
Efficiency	109.26 lm/W
Fe	2.121 W

Electrical Parameters:

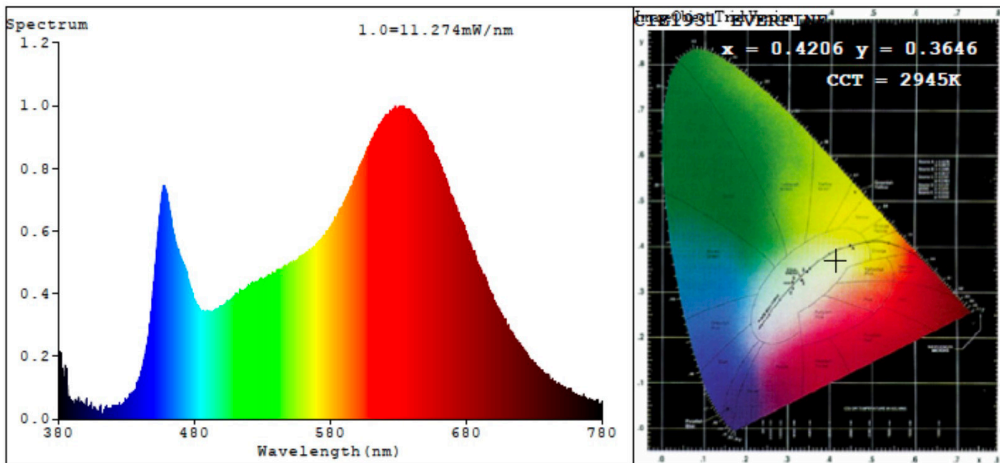
Voltage:	230.41 V
Current:	0.03443 A
Power:	5.296 W
Power Factor:	0.6675

LEVEL: OUT

WHITE: ANSI_5000K

Status: Integral T = 1406 ms Ip= 14903 (23%)

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:	x=0.4206	y=0.3646/u'=0.2575	v'=0.5022
CCT	2945K (Duv=-0.0144)		
Dominant Wavelength:	Ld =590.5nm	Purity=35.6%	
Color Ratio:	R=27.5%	G=68.0%	B=4.5%
Peak Wavelength:	Lp=627.6nm	FWHM=135.4nm	
Render Index(CRI):	Ra=88.4		
	R1 =87 R2 =86 R3 =89 R4 =94		
	R5 =86 R6 =78 R7 =91 R8 =96		
	R9 =85 R10=72 R11=90 R12=61		
	R13=85 R14=95 R15=88		

Photo Parameters:

Flux	476.0 lm
Efficiency	90.84 lm/W
Fe	1.949 W

Electrical Parameters:

Voltage:	230.42 V
Current:	0.03407 A
Power:	5.239 W
Power Factor:	0.6675

LEVEL: OUT

WHITE: OUT

Status: Integral T = 1406 ms Ip= 16708 (25%)