

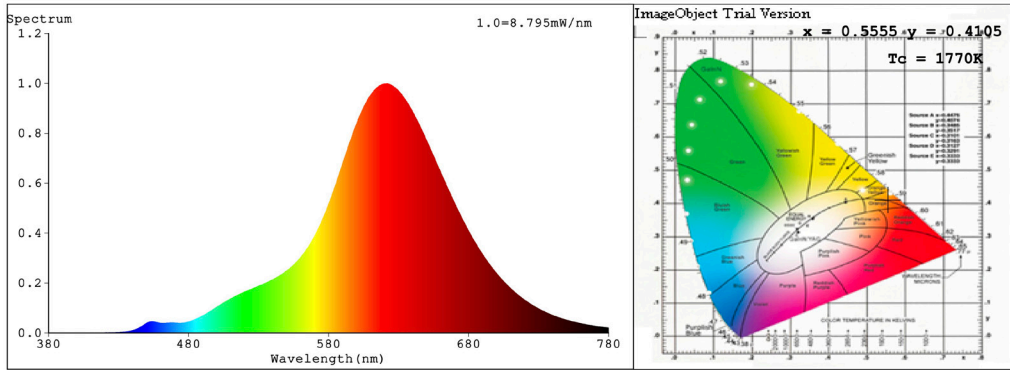
INTUITIVE *BARAKA 60*



BARAKA 60 SPECIFICATION

Product Name	INTUITIVE <i>BARAKA 60</i>
Finish	Matte white
Model	5W
Size	Ø60x105mm
Voltage/Hz	220-240V 50/60Hz
Color	CCT 1800K-4000K + RGB
Lumen(lm)	350lm
CRI	CRI>80
IP rate	IP20
Beam Angle	360°
Protocol	Bluetooth Sigmesh

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:	x=0.5555	y=0.4105/u'=0.3260	v'=0.5421
CCT	1770K (Duv=1.11e-03)		
Dominant Wavelength:	Ld =590.9nm	Purity=89.9%	
Color Ratio:	R=40.8%	G=58.4%	B=0.8%
Peak Wavelength:	Lp=622nm	FWHM=93.1nm	
Render Index(CRI):	Ra=82.1		
	R1 =82 R2 =95 R3 =89 R4 =81		
	R5 =84 R6 =97 R7 =76 R8 =53		
	R9 =11 R10=92 R11=86 R12=94		
	R13=86 R14=95 R15=71		

Photo Parameters:

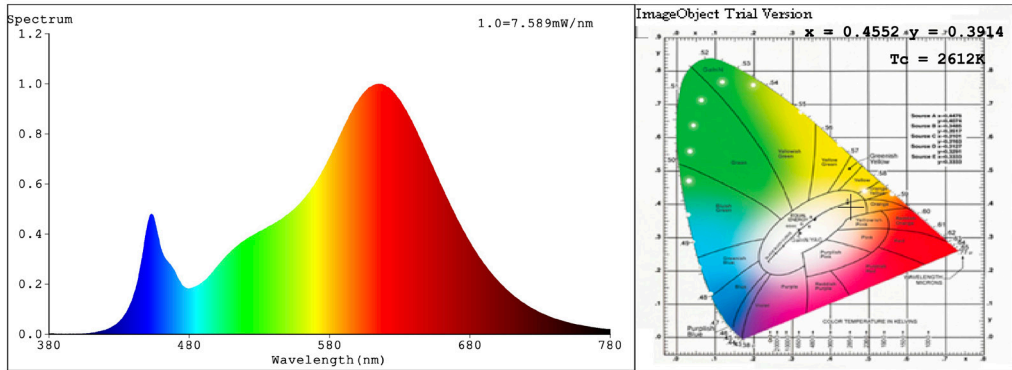
Flux	268.0 lm
Efficiency	54.04 lm/W
Fe	1.001 W

Electrical Parameters:

Voltage:	230.0 V
Current:	0.04553 A
Power:	4.959 W
Power Factor:	0.4735

Status: Integral T = 161 ms Ip= 56166 (86%)

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:	x=0.4552 y=0.3914/u'=0.2683 v'=0.5191
CCT	2612K (Duv=-6.86e-03)
Dominant Wavelength:	Ld =587.2nm Purity=54.1%
Color Ratio:	R=29.5% G=68.1% B=2.4%
Peak Wavelength:	Lp=615nm FWHM=113.0nm
Render Index(CRI):	Ra=89.0 R1 =92 R2 =98 R3 =92 R4 =90 R5 =94 R6 =93 R7 =83 R8 =70 R9 =41 R10=97 R11=92 R12=87 R13=95 R14=97 R15=86

Photo Parameters:

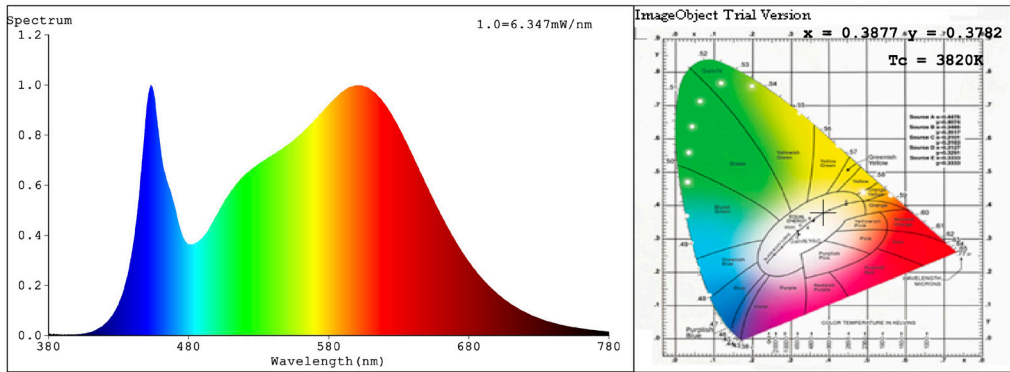
Flux	323.8 lm
Efficiency	65.19 lm/W
Fe	1.100 W

Electrical Parameters:

Voltage:	230.1 V
Current:	0.04567 A
Power:	4.967 W
Power Factor:	0.4727

Status: Integral T = 161 ms Ip= 48734 (74%)

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:	$x=0.3877$	$y=0.3782$	$u'=0.2293$	$v'=0.5033$
CCT	3820K (Duv=-1.34e-03)			
Dominant Wavelength:	Ld =580.4nm	Purity=29.9%		
Color Ratio:	R=21.3%	G=75.1%	B=3.6%	
Peak Wavelength:	Lp=601nm FwHM=155.7nm			
Render Index(CRI):	Ra=87.8			
	R1 =88	R2 =94	R3 =97	R4 =86
	R5 =87	R6 =91	R7 =87	R8 =71
	R9 =31	R10=86	R11=86	R12=71
	R13=90	R14=99	R15=82	

Photo Parameters:

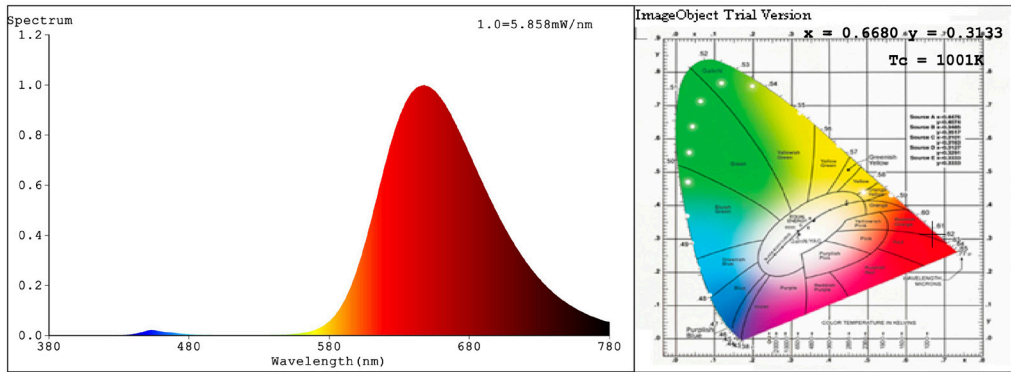
Flux	359.6 lm
Efficiency	72.80 lm/W
Fe	1.137 W

Electrical Parameters:

Voltage:	230.0 V
Current:	0.04542 A
Power:	4.939 W
Power Factor:	0.4728

Status: Integral T = 207 ms Ip= 52710 (80%)

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:	$x=0.6680$	$y=0.3133$	$u'=0.4927$	$v'=0.5199$
CCT	1001K (Duv=-4.55e-02)			
Dominant Wavelength:	Ld =618.2nm	Purity=94.4%		
Color Ratio:	R=84.5%	G=15.3%	B=0.3%	
Peak Wavelength:	Lp=648nm	FWHM=87.0nm		
Render Index(CRI):	Ra=50.9			
	R1 =40 R2 =85 R3 =57 R4 =19			
	R5 =42 R6 =91 R7 =53 R8 =20			
	R9 =0 R10=86 R11=20 R12=68			
	R13=52 R14=76 R15=31			

Photo Parameters:

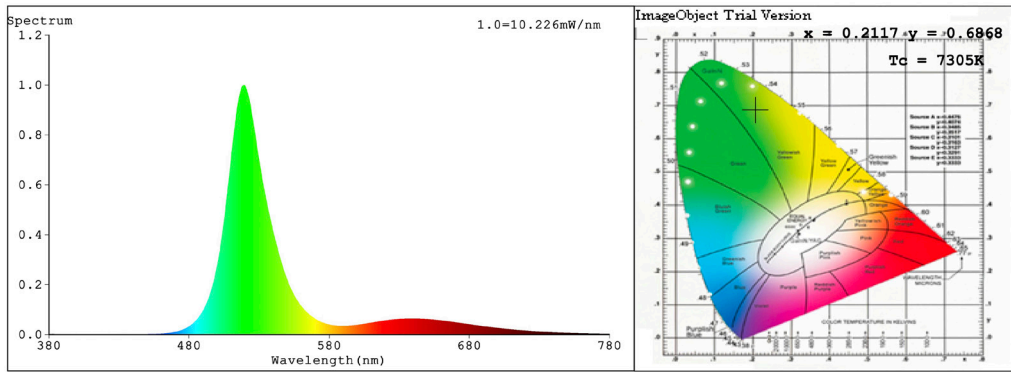
Flux	58.42 lm
Efficiency	16.85 lm/W
Fe	558.3 mW

Electrical Parameters:

Voltage:	230.1 V
Current:	0.03316 A
Power:	3.466 W
Power Factor:	0.4544

Status: Integral T = 207 ms Ip= 46931 (72%)

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:	$x=0.2117$	$y=0.6868$	$u'=0.0783$	$v'=0.5714$
CCT	7305K (Duv=1.41e-01)			
Dominant Wavelength:	Ld =532.6nm	Purity=76.8%		
Color Ratio:	R=3.8%	G=94.7%	B=1.5%	
Peak Wavelength:	Lp=519nm	FWHM=30.7nm		
Render Index(CRI):	Ra=1.8			
	R1 =0 R2 =3 R3 =0 R4 =0			
	R5 =12 R6 =0 R7 =0 R8 =0			
	R9 =0 R10=0 R11=0 R12=0			
	R13=0 R14=44 R15=0			

Photo Parameters:

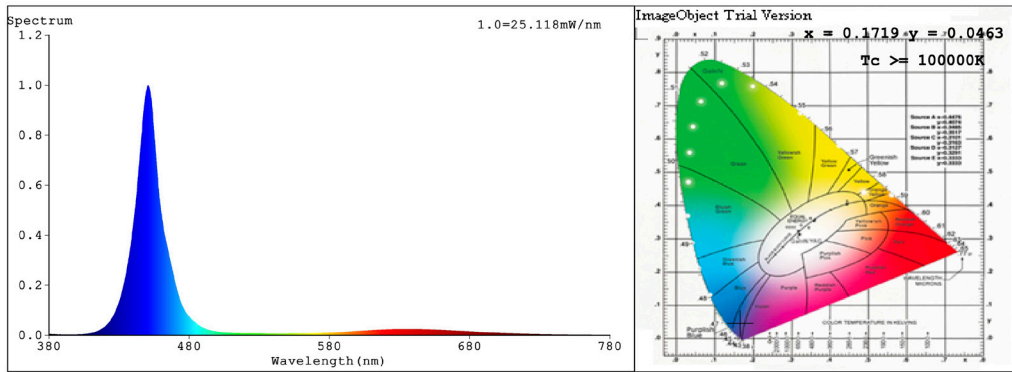
Flux	191.8 lm
Efficiency	75.65 lm/W
Fe	443.6 mW

Electrical Parameters:

Voltage:	230.0 V
Current:	0.02513 A
Power:	2.535 W
Power Factor:	0.4385

Status: Integral T = 174 ms Ip= 53390 (81%)

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:	$x=0.1719$	$y=0.0463$	$u'=0.2141$	$v'=0.1297$
CCT	100000K (Duv=-1.83e-01)			
Dominant Wavelength:	Ld =450.5nm	Purity=91.1%		
Color Ratio:	R=18.3%	G=31.2%	B=50.5%	
Peak Wavelength:	Lp=451nm	FWHM=18.6nm		
Render Index(CRI):	Ra=11.0			
	R1 =27 R2 =0 R3 =0 R4 =0			
	R5 =54 R6 =0 R7 =0 R8 =7			
	R9 =0 R10=0 R11=0 R12=0			
	R13=0 R14=0 R15=0			

Photo Parameters:

Flux	39.39 lm
Efficiency	14.61 lm/W
Fe	688.3 mW

Electrical Parameters:

Voltage:	230.1 V
Current:	0.02652 A
Power:	2.696 W
Power Factor:	0.4419

Status: Integral T = 140 ms Ip= 53269 (81%)