



SIC[®]
Lights & Fans



sicproducts



PROMOTE SIC[®]
PROMOTE PAKISTAN

No Compromise On Quality

0311-4579878 042-36299658 sicproducts www.sicproducts.pk
Display Centre 1/28 Dingha Singh Building Beadon Road, Lahore

www.sicproducts.pk



Who are we

Introduction:

Founded in 2014 as a sole proprietorship, SIC has swiftly risen to prominence in the realm of LED lighting and fan manufacturing in Pakistan. Boasting over nine years of experience, SIC has not only solidified its leadership position in the market but has also become synonymous with innovative, sustainable solutions. This essay delves into the company's journey, its commitment to sustainability, and its unwavering dedication to providing top-quality products both domestically.

Establishment and Growth:

SIC's inception marked the beginning of a journey dedicated to excellence in LED lighting and fan manufacturing. Over the past nine years, the company has navigated the industry landscape with resilience, establishing itself as a formidable player in Pakistan.

Market Leadership and Solutions:

SIC's leadership position in the LED lighting and fans market is a testament to its commitment to providing easy solutions across various segments. Whether for office spaces, retail environments, industrial settings, or public areas, SIC has consistently delivered products that align with the diverse needs of its clientele.

Sustainability through Innovation:

A key focus for SIC is making LED lighting technology more sustainable. This commitment is underscored by the company's investment in cutting-edge technology within its innovative laboratories. Through a deep understanding of lighting designs and a dedication to innovative quality, SIC aims to create products that contribute to a sustainable environment in Pakistan.

Product Portfolio and Reputation:

SIC has earned a solid reputation for delivering top-quality LED bulbs, Dawn lights, Batten lights, and various other commonly used luminaries. The company's diverse product portfolio reflects its commitment to meeting the evolving demands of the market while maintaining the highest standards of quality.

Commitment to Excellence:

SIC's pledge to be a leader in both the retail and wholesale markets speaks volumes about its commitment to excellence. The company is dedicated to providing the highest quality and best value products, in Pakistan.



False Ceiling Fan 2ftx2ft 14inch

Specification

Voltage: AC220-240V
Power Consumption: 65W
Blade: 14inch
Frequency: 50Hz
Insulation Class: 155
Control with Extra Air Delivery
99% Pure Copper Wire

With
Remote Control



False Ceiling Fan 2ftx2ft 18inch

Specification

Voltage: AC220-240V
Power Consumption: 65W
Blade size: 18 inch
Remote Control
Frequency: 50Hz
Insulations Class:155
100% Pure Copper Wire
Fine Air Throw

With
Remote Control



Ceiling Exhaust Fan 10 Inch

Specification

Voltage: AC220-240V
 Power Consumption: 35W
 Frequency: 50Hz
 Noise: 40db
 Speed: 1400RPM
 Material: ABS
 Pure Copper Wire
 Fine Air Throw
 Insulations Class: 155
 Air suction: m3/min
 Service value: (0.05/m3/min/W)

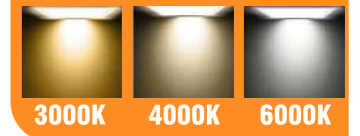


LED SMD Panel Ceiling Light 2ft×2ft 48W

Specification

Voltage: AC85-265V
 Power Consumption: 48W
 Size: 2ft x 2ft
 Power Factor: 0.95
 Lumens: 110-120LMW
 Frequency: 50Hz
 Driver: Isolated
 CRI>80Ra

Colour Temperature



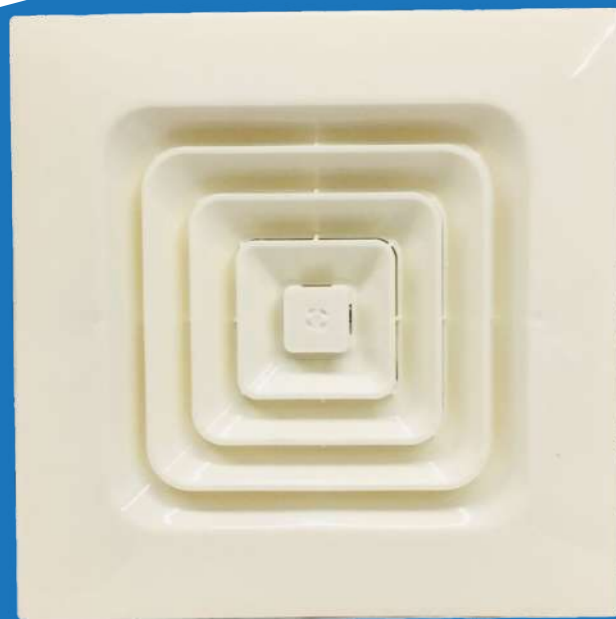
International Lab Test Report
Page No-23



Ceiling Exhaust Sheter 10"-12"

Specification

Material:ABS
 Size, 10"x12"
 High quality

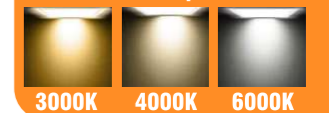


LED SMD Panel Light Ceiling Light 48W 1ft×4ft

Specification

Voltage: AC85-265V
 Power Consumption : 48W
 Size: 1ft x 4ft
 Power Factor: 0.95
 Lumens: 110-120LMW
 Frequency: 50Hz
 CRI>80Ra
 Driver: Isolated

Colour Temperature



International Lab
Test Report Page No-23



**LED SMD Panel Light
Ceiling Light
2ft×4ft 96W**



Specification
 Voltage: AC85-265V
 Power Consumption: 96W
 Size: 2ft x 4ft
 Power Factor: 0.95
 Lumens: 110-120LMW
 Frequency: 50Hz
 CRI>80Ra
 Driver: Isolated

Colour Temperture

3000K 4000K 6000K

**LED SMD Surface
Mounted Flat Batten
Linear Tube Light
2ft 30W**



Specification
 Voltage: AC85-265V
 Power Consumption: 30W
 Luminous 110-120LMW
 CRI>80Ra
 Viewing Angle: 120 degree
 Power Factor: 0.9

Colour Temperture

3000K 6000K

International Lab Test Report
On Page No-25

**Smd Dn 7w
Aluminium Body**



Specification
 Voltage: AC220-240V
 Power Consumption: 7W ± 10%
 Frequency: 50Hz
 CRI>80Ra

Colour Temperture

3000K 6000K

**LED SMD Surface
Mounted Flat Batten
Linear Tube Light
4ft 60W**



Specification
 Voltage: AC85-265V
 Power Consumption: 60W
 Luminous: 100-110LMW
 CRI >80Ra
 Viewing Angle: 120 degree
 Power Factor: 0.9

Colour Temperture

3000K 6000K

International Lab Test Report
On Page No-26

**LED SMD
Flood Light
10W IP67**

Specification

Voltage: AC85-265V
Power Consumption: 10W
Power Factor: 0.95
Lumens : 100-110LMW
Frequency: 50Hz
CRI>80Ra

Colour Temperature



3000K 6000K



**LED SMD
Flood Light
20W IP67**

Specification

Voltage: AC85-265V
Power Consumption: 20W
Frequency: 50Hz
Power Factor: 0.95
Lumens : 100-100LMW

Colour Temperature



3000K 6000K



**LED SMD
Flood Light
30W IP67**

Specification

Voltage: AC85-265V
Power Consumption: 30W
Frequency: 50Hz
Power Factor: 0.95
Lumens : 100-110LMW

Colour Temperature



3000K 6000K



**LED SMD
Flood Light
50W IP67**

Specification

Voltage: AC85-265V
Power Consumption: 50W
Power Factor: 0.95
Lumens : 110-130 LMW
Frequency: 50Hz
CRI>80Ra

Colour Temperature



3000K 6000K



LED SMD Flood Light 100W IP67

Specification

Voltage: AC85-265V
Power Consumption: 100W
Power Factor: 0.95
Lumens : 110-130 LMW
Frequency: 50Hz
CRI>80Ra

Colour Temperture



3000K 6000K

International Lab Test Report
Page No-22



LED SMD Flood Light 200W IP67

Specification

Voltage: AC85-265V
Power Consumption: 200W
Power Factor: 0.95
Lumens : 110-130 LMW
Frequency: 50Hz
CRI>80Ra

Colour Temperture



3000K 6000K



LED SMD Flood Light 150W IP67

Specification

Voltage: AC85-265V
Power Consumption: 150W
Power Factor: 0.95
Lumens : 110-130 LMW
Frequency: 50Hz
CRI>80Ra

Colour Temperture



3000K 6000K

LED COB Flood Light 300W

Specification

Voltage: AC85-265V
Power Consumption: 300W
Power Factor: >0.95
Lumens: 100-130LMW
Water Proof IP66
Frequency 50H
CRI>80Ra

Colour Temperture



3000K 6000K



LED SMD Street Light IP65



Specification

Voltage: AC85-265V
Power Consumption: 50W / 100W
Power Factor: 0.95
Lumens : 110-130 L/W
Frequency: 50Hz
CRI>80Ra

Colour Temperature



3000K **6000K**

PIR Motion Sensor/ Detector Auto On/Off Light Switch



Specification

Voltage: AC85-265V
Detection range: 180 degrees
Detection distance: 1-8M
Ambient lighting: 2-2000 LUX (adjustable)
Controllable Load: <100Watts
Delay time: 3 seconds – 7 minutes (adjustable)
Working temperature: -20 degrees Celsius – 45 degrees Celsius
Material: ABS
Installation height: 1.8m-3m

Photocell Sun Switch Automatic On/Off Light Control Sensor Switch AC & DC 12V



Specification

Voltage: AC85-265V
Material: Plastic
Frequency: 50-60Hz
Max Load Current: 10A
Max Controllable Load: 2200W
Off delay time: 0.1S
Size:(approx)4.5 x 4.2 x3.5cm

PIR Motion Sensor LED Lamp, Bulb Holder E27



Specification

Color: white
Material: plastic and metal
Working voltage: AC85-265V
Frequency: 50/60Hz
Max overload power: 60W
Sensor degree: 180 degree
Suitable installation height: 2.8-3.5 meters
Detection range: Max.6 meters
Time delay: 10sec+/-10sec-5min+/-1min (adjustable)

PIR Motion Sensor/Motion Detector Auto On/Off Light Switch



Specification

Voltage: AC160V-260V
Frequency: (50/60HZ)
Rated Load : 5W-200W (Filament Lamp)
Rated Load: <50W (LED Lamp)
Standby Power: 0.08W
Induction Distance: 6m to 10m
Induction Angle: 120°
Delay Time: 20-30s
Color: White

PIR Motion Sensor LED Lamp Wall Mounted Bulb Holder E27



Specification

Voltage: AC85V-265V
Frequency: 50/60Hz
Sensor degree: 140° Cone angle
Load power: ≤60W
Delay time: 15~300second (default 30S)
Illumination: 5LUX~50000LUX(default 5LUX)
Induction distance: 110°, 5~8m
Material: Plastic

Industrial/Commercial 360 PIR Occupancy Sensor Flush Mounted Recessed Motion detector Pre Wired 3 meter



Specification

Voltage: AC85-265V
Frequency: 50/60Hz
Detection Angle: 360 degrees
Photocell Lux Adjustment: 5-1000 LUX (adjustable)
Factory-set time out: 20 minutes
Warm up time: 35-45 seconds
Current consumption: 39mA
Controllable Load: 6A
Installation height: 2.5m
Cable Length: 3 meter
Incident lamp load 6 Amp

Automatic Voltage Protector With Digital Smart Monitor Electronic Equipment Over & Under Voltage Protector



Specification

Voltage: AC170~265V
Under Voltage Protection: 175V
Over Voltage Protection: 265V
Tripping Time : 2sec
Reset time: 10 seconds / 3 min
Unit Status Indication: 3-visual colored Leds
Power Switching Capacity: 220V, 0.1 to 5 Amps
Plugable in: Earth Socket Outlets

Adjustable Study Table Lamp Flexible Swing Arm with Base

Specification

Adjustable desk lamp with a pivoting neck and clamp stand base.
Switch positioned on the cord of lamp
ES lamp holder (suitable for Fluorescent or LED), not included
Size 1.5ft
Ideal for any studios, home or office used



Adjustable Over Voltage Current and Under Voltage Protective Device Protector 63A

Specification

Under voltage protection: AC170V
Over voltage protection: AC270V
Over current protection: 1A-63A
Reconnect time (delay on time): 0.4s-1min
Rated voltage: AC220V;
Frequency: 50Hz/60HZ



Electric School Bell Di-Cast

Specification

Voltage: AC220-240V
Frequency: 50Hz
Available Size: 8inch, 10 inch, 12 inch



Security Door Window Alarm Bell Anti-theft Wireless Sensor Detector Bell

Specification

Easily mounted by adhesive tape to window or door.
Magnetic sensor switch detects entry protecting your Home or office whether you are in or out.
Warning door/window sticker is supplied free in package.
Operated by 3 pcs 1.5VLR44 button cell (batteries included in package.)





**LED 12W RGB
16 Multi Color
Changing Light Bulb
with Remote Control**

Specification

Type: RGBW LED Bulb
Light Color: 16 colors
Input Voltage: AC 85-265V, 50-60Hz
Power: 12W
IR Remote Controller Function: ON/OFF,
Dim up/down, Flash, STROBE, Smooth
Remote Key Quantity: 24
Remote Control Range: ≤10m / 33ft
Screw Type: E27-B22

**LED Bulb
18W 220V**

Specification

Voltage: AC220-240V
Frequency: 50Hz
Power Consumption: 18w+10%
Lumens: 1620LMW+10%
CRI>80Ra
Screw Type: E27-B22

Colour Temperature



3000K 6000K



**Changing Light Bulb
LED 12W RGB**



**LED Bulb
12W 220V**

Specification

Voltage: AC220-240V
Frequency: 50Hz
Lumens: 1080+10%
CRI>80Ra
Screw Type: E27-B22

Colour Temperature



3000K 6000K



Specification

Type: RGBW LED Bulb
Light Color: 16 colors
Input Voltage: AC85-265V
Power: 12W ±10%
Frequency 50/60Hz
CLR>80Ra
Screw Type: E27-B22

Colour Temperature



3000K 6000K



**Smart LED
RGB Bluetooth Speaker
Bulb 12W E27 Multi Color
Changing Light Bulb
with Remote Control**



PLAY MUSIC



LED LIGHT



ENERGY-SAVING



Bluetooth 4.0

Specification

Product Color: White
Light Color: Multi Colors
Light Source: LED
Compatible Product: Universal
Item Name: Music Speaker
Bluetooth Version: V4.0
Supported Profile: A2DP
Base Type: E27
Rated power: 12W
Special Feature: Super Bass, Portable, Wireless
Music Time: 4-6 Hours
USB Input: DC-5V
Voltage: AC110-240V
Frequency: 50/60Hz

**COB Garden
Light 5W**

Specification

Voltage: AC85-265V
Power: 5W
Beam Angle: 60 degree
Lumens: 500-600LM
Frequency: 50/60Hz
Color rendering index: ≥80Ra

Colour Availability

Red White Blue Green Yellow



**LED Sensor Mushroom
Night Light Indoor Plug**



Specification

Leaf Material: Plastic
Mushroom material: Soft Silicone
Input Voltage: AC110 – AC220V
Plug type: US Plug
Sensor Type: Light Sensor
Light Source: LED
Light Color: 2 Warm White LEDs + 1 Color changing LEDs
Power Consumption: 0.2W
Item Weight: 50g
size: 45mmX120mm

**Study Table Lamp
Adjustable-Multicolors**



Specification

Voltage: AC85-265V
Long Folding Neck
Built-in high on-off Button
Lamp Holder: E27
9.5 inch rode
Total Height: 14 inch

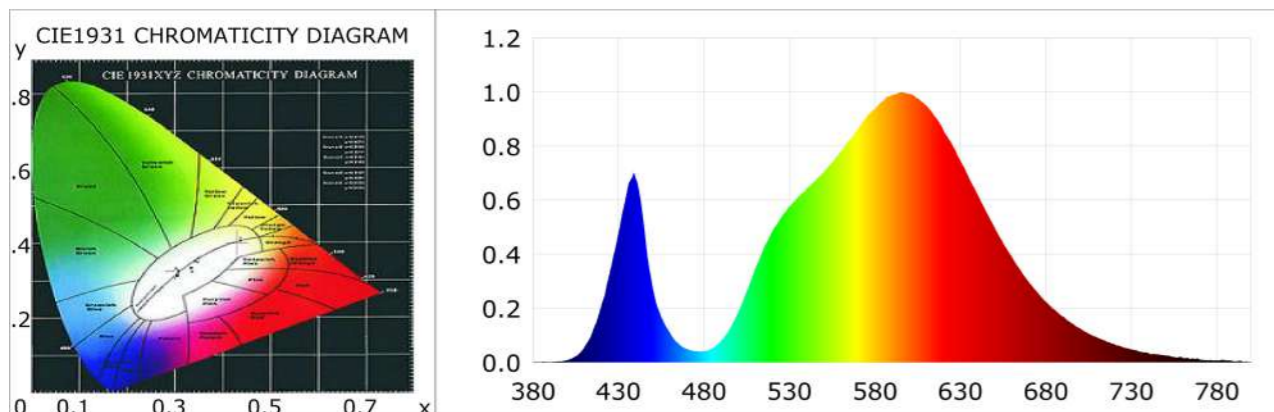
Lightsource Test Report

Product Information

Product Category: SIC-2021-FL-50W-3000K Product Type: Outdoor
Product Spec: 50W Product Number: 1

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4309$ $y=0.4056$ $u(u')=0.2461$ $v=0.3474$ $v'=0.5211$
 CCT: $T_c=3116K$ ($duv=0.00147$) Color Ratio: $R=0.206$ $G=0.782$ $B=0.012$
 Peak Wavelength: 596nm Half Bandwidth: 128.7nm
 Dominant Wavelength: 581.8nm Color Purity: 0.511
 CRI: R_i : $R_a=71.2$
 $R_1=69$ $R_2=78$ $R_3=86$ $R_4=72$ $R_5=68$ $R_6=70$ $R_7=78$ $R_8=50$
 $R_9=0$ $R_{10}=48$ $R_{11}=69$ $R_{12}=44$ $R_{13}=70$ $R_{14}=91$ $R_{15}=62$



Photometric Parameters

Luminous Flux: 6064.66 lm Efficiency: 119.41 lm/W Radiant Power: 17.500 W
Pupil Flux: 6916.09 Plm Pupil Lumens Per Watt: 136.17 Plm/W Pupil Factor (Kp): 1.140

Electric Parameters

Voltage: 219.10V Current: 0.2400A Power: 50.79W
Power Factor: 0.9680 Frequency: 49.99Hz

Test Information

Scan Range: 380nm~800nm:1nm Photometric Method: sphere-spectroradiometer
Stabilization Time: 5 Sec Photometric Condition: Sphere diameter: 1.50m, 4
Max of Signal: 44779 (3517) CCD Integration Time: 127.59 ms

Condition: $T_x:29.6^{\circ}C$, $T_i:28.6^{\circ}C$, R.H.:60%
Test Lab:
Operator:

Test Device: Inventfine CMS-2
Test Time: 2021-10-14 16:00:53
Inspector:

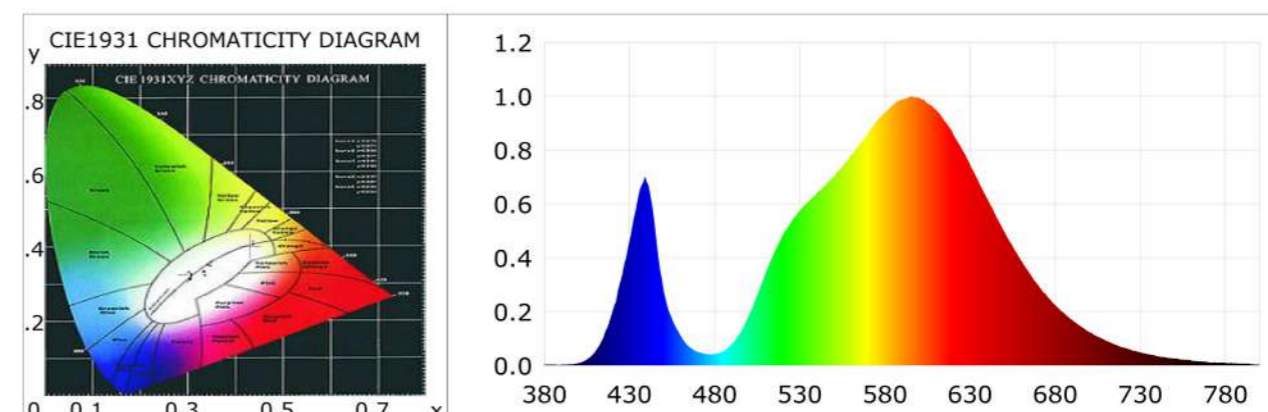
Lightsource Test Report

Product Information

Product Category: SIC-2021-FL-100W-3000K Product Type: Outdoor
Product Spec: 100W Product Number: 2

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4313$ $y=0.4057$ $u(u')=0.2462$ $v=0.3475$ $v'=0.5212$
 CCT: $T_c=3111K$ ($duv=0.00147$) Color Ratio: $R=0.207$ $G=0.782$ $B=0.012$
 Peak Wavelength: 596nm Half Bandwidth: 128.4nm
 Dominant Wavelength: 581.8nm Color Purity: 0.513
 CRI: R_i : $R_a=71.2$
 $R_1=69$ $R_2=78$ $R_3=86$ $R_4=72$ $R_5=68$ $R_6=70$ $R_7=78$ $R_8=50$
 $R_9=0$ $R_{10}=49$ $R_{11}=68$ $R_{12}=44$ $R_{13}=70$ $R_{14}=92$ $R_{15}=62$



Photometric Parameters

Luminous Flux: 12001.68 lm Efficiency: 122.59 lm/W Radiant Power: 34.610 W
Pupil Flux: 13674.05 Plm Pupil Lumens Per Watt: 139.67 Plm/W Pupil Factor (Kp): 1.139

Electric Parameters

Voltage: 219.00V Current: 0.4640A Power: 97.90W
Power Factor: 0.9630 Frequency: 49.99Hz

Test Information

Scan Range: 380nm~800nm:1nm Photometric Method: sphere-spectroradiometer
Stabilization Time: 5 Sec Photometric Condition: Sphere diameter: 1.50m, 4
Max of Signal: 44698 (3442) CCD Integration Time: 64.35 ms

Condition: $T_x:29.8^{\circ}C$, $T_i:28.6^{\circ}C$, R.H.:60%
Test Lab:
Operator:

Test Device: Inventfine CMS-2
Test Time: 2021-10-14 16:05:50
Inspector:

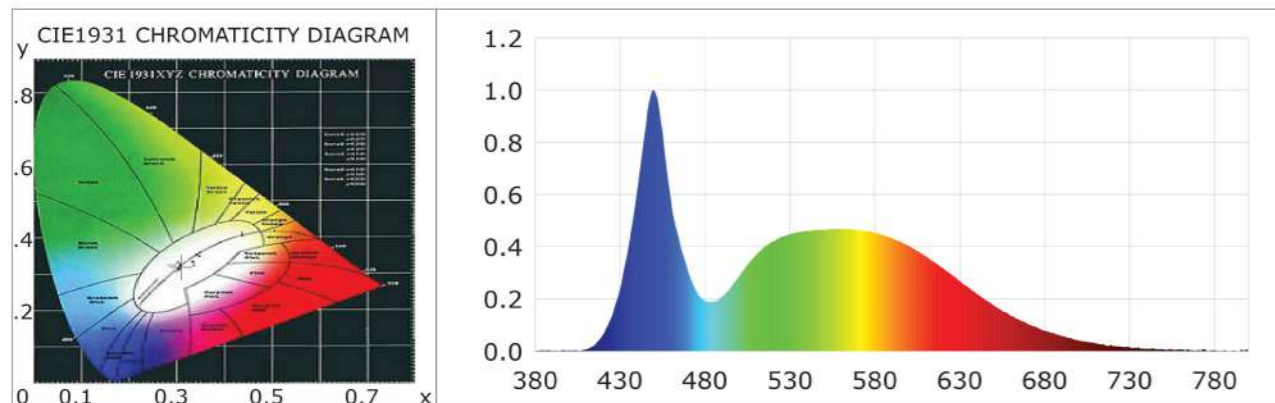
Lightsource Test Report

Product Information

Product Type: PL6060-48W Product Spec: 600*600
Product Number: SIC-2022-P22-48W Buyer: 0

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3103$ $y=0.3214$ $u(u')=0.1990$ $v=0.3092$ $v'=0.4638$
CCT: $T_c=6710K$ ($duv=0.00050$) Color Ratio: $R=0.132$ $G=0.817$ $B=0.051$
Peak Wavelength: 449.6nm Half Bandwidth: 24.3nm
Dominant Wavelength: 484.8nm Color Purity: 0.087
Color Render Index: $R_a=82.3$, $avgR(1\sim14)=74.5$, $avgR(1\sim15)=75.0$
 $R_1=83$ $R_2=82$ $R_3=77$ $R_4=89$ $R_5=84$ $R_6=74$ $R_7=89$ $R_8=80$
 $R_9=23$ $R_{10}=54$ $R_{11}=89$ $R_{12}=49$ $R_{13}=82$ $R_{14}=87$ $R_{15}=82$



Photometric Parameters

Luminous Flux: 5530.66 lm Efficiency: 108.89 lm/W Radiant Power: 17.968 W

Electric Parameters

Voltage: 219.40V Current: 0.2340A Power: 50.79W
Power Factor: 0.9870 Frequency: 49.99Hz

Test Information

Scan Range: 380~800:1nm Photometric Method: sphere-spectroradiometer
Stabilization Time: 0 ms Photometric Condition: Sphere diameter: \varnothing .00m, 4
Max of Signal: 42493 (6222) CCD Integration Time: 184.11 ms

Condition: $T_x:36.0^\circ C$, $T_i:33.5^\circ C$, R.H.:60%
Test Lab:
Operator:

Test Device: Inventfine CMS-2S (Plus)
Test Time: 2022-08-02 15:22:30
Inspector:

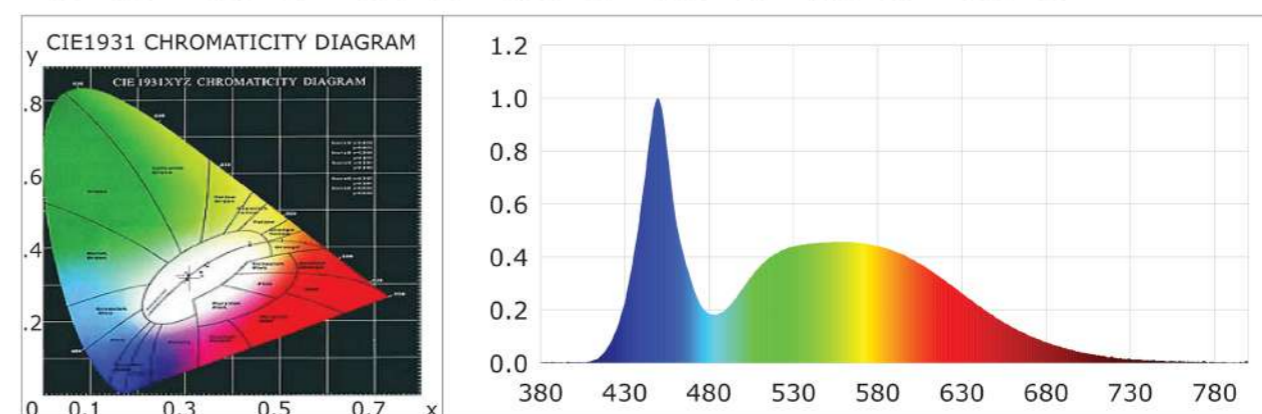
Lightsource Test Report

Product Information

Product Type: 30120-48W Product Spec: 300*1200
Product Number: SIC-2022-P14-48W Buyer: 0

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3097$ $y=0.3207$ $u(u')=0.1989$ $v=0.3089$ $v'=0.4633$
CCT: $T_c=6752K$ ($duv=0.00044$) Color Ratio: $R=0.132$ $G=0.817$ $B=0.051$
Peak Wavelength: 449.5nm Half Bandwidth: 23.6nm
Dominant Wavelength: 484.5nm Color Purity: 0.090
Color Render Index: $R_a=82.4$, $avgR(1\sim14)=74.7$, $avgR(1\sim15)=75.2$
 $R_1=84$ $R_2=82$ $R_3=77$ $R_4=90$ $R_5=84$ $R_6=74$ $R_7=88$ $R_8=81$
 $R_9=25$ $R_{10}=54$ $R_{11}=90$ $R_{12}=50$ $R_{13}=82$ $R_{14}=87$ $R_{15}=83$



Photometric Parameters

Luminous Flux: 5522.06 lm Efficiency: 106.71 lm/W Radiant Power: 17.981 W

Electric Parameters

Voltage: 219.70V Current: 0.2380A Power: 51.75W
Power Factor: 0.9870 Frequency: 49.99Hz

Test Information

Scan Range: 380~800:1nm Photometric Method: sphere-spectroradiometer
Stabilization Time: 0 ms Photometric Condition: Sphere diameter: \varnothing .00m, 4
Max of Signal: 42153 (6220) CCD Integration Time: 178.96 ms

Condition: $T_x:36.0^\circ C$, $T_i:33.5^\circ C$, R.H.:60%
Test Lab:
Operator:

Test Device: Inventfine CMS-2S (Plus)
Test Time: 2022-08-02 15:18:39
Inspector:

Lightsource Test Report

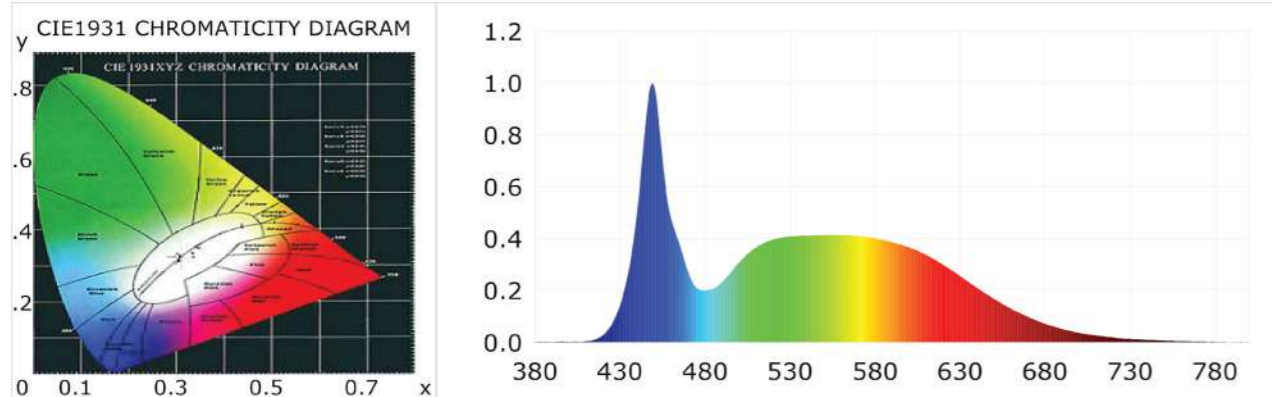
Product Information

Product Category: LED linear
Item No.: SIC24LL30W

Product Type: 300-30W
Manufacturer: SIC

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3119$ $y=0.3265$ $u(u')=0.1976$ $v=0.3111$ $v'=0.4686$
 CCT: $T_c=6630K$ ($duv=0.00271$) Color Ratio: $R=0.135$ $G=0.810$ $B=0.055$
 Peak Wavelength: 459.0nm Half Bandwidth: 19.1nm
 Dominant Wavelength: 427.6nm Color Purity: 0.081
 Color Render Index: $R_a=85.2$, $avgR(1\sim14)=78.2$, $avgR(1\sim15)=78.6$
 $R1=86$ $R2=85$ $R3=81$ $R4=92$ $R5=86$ $R6=78$ $R7=91$ $R8=82$
 $R9=32$ $R10=62$ $R11=92$ $R12=53$ $R13=85$ $R14=90$ $R15=84$



Photometric Parameters

Luminous Flux: 3548.62 lm Efficiency: 112.62 lm/W Radiant Power: 6.454 W
 Pupil Flux: 6680.35 Plm Pupil Lumens Per Watt: 212.00 Plm/W Pupil Factor (Kp): 1.883
 Circopic Flux: 15241.59 lm
 Mesopic Flux (CIE R.): 4892.63 lm ($L_p=0.100$ cd/m², $S/P=2.25$)
 Mesopic Flux (USP): 5834.33 lm ($L_p=0.100$ cd/m², $S/P=2.25$)
 Mesopic Flux (MOVE): 5128.58 lm ($L_p=0.100$ cd/m², $S/P=2.25$)

Electric Parameters

Voltage: 219.80V Current: 0.2850A Power: 31.51W
 Power Factor: 0.9960 Frequency: 49.99Hz

BIN: OUT :

Test Information

Scan Range: 380~800:1nm Photometric Method: sphere-spectroradiometer
 Stabilization Time: 0 ms Photometric Condition: Sphere diameter: 2.00m, 4 π
 Max of Signal: 45689 (2959) CCD Integration Time: 109.09 ms

Condition: Tx:23.5°C, Ti:21.5°C, R.H.:60%
 Test Lab:
 Operator:

Test Device: Inventfine CMS-2S (Plus)
 Test Time: 2024-01-06 13:02:03
 Inspector:

Lightsource Test Report

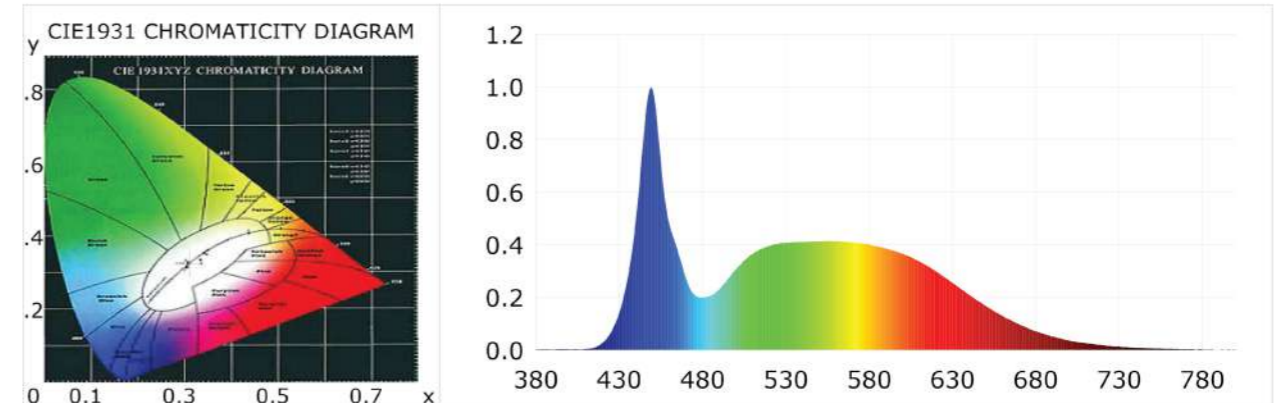
Product Information

Product Category: LED Linear
Item No.: SIC24LL60W

Product Type: 1200-60W
Manufacturer: SIC

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3109$ $y=0.3263$ $u(u')=0.1976$ $v=0.3111$ $v'=0.4666$
 CCT: $T_c=6626K$ ($duv=0.00271$) Color Ratio: $R=0.135$ $G=0.810$ $B=0.055$
 Peak Wavelength: 449.0nm Half Bandwidth: 19.1nm
 Dominant Wavelength: 487.6nm Color Purity: 0.081
 Color Render Index: $R_a=85.2$, $avgR(1\sim14)=78.2$, $avgR(1\sim15)=78.6$
 $R1=86$ $R2=85$ $R3=81$ $R4=92$ $R5=86$ $R6=78$ $R7=91$ $R8=82$
 $R9=32$ $R10=62$ $R11=92$ $R12=53$ $R13=85$ $R14=90$ $R15=84$



Photometric Parameters

Luminous Flux: 7146.14 lm Efficiency: 115.99 lm/W Radiant Power: 23.152 W
 Pupil Flux: 13452.75 Plm Pupil Lumens Per Watt: 218.35 Plm/W Pupil Factor (Kp): 1.883
 Circopic Flux: 30693.21 lm
 Mesopic Flux (CIE R.): 9852.68 lm ($L_p=0.100$ cd/m², $S/P=2.25$)
 Mesopic Flux (USP): 11747.04 lm ($L_p=0.100$ cd/m², $S/P=2.25$)
 Mesopic Flux (MOVE): 10307.70 lm ($L_p=0.100$ cd/m², $S/P=2.25$)

Electric Parameters

Voltage: 219.80V Current: 0.2850A Power: 61.61W
 Power Factor: 0.9820 Frequency: 49.99Hz

BIN: OUT :

Test Information

Scan Range: 380~800:1nm Photometric Method: sphere-spectroradiometer
 Stabilization Time: 0 ms Photometric Condition: Sphere diameter: 2.00m, 4 π
 Max of Signal: 45689 (2959) CCD Integration Time: 109.09 ms

Condition: Tx:23.5°C, Ti:21.5°C, R.H.:60%
 Test Lab:
 Operator:

Test Device: Inventfine CMS-2S (Plus)
 Test Time: 2024-01-06 13:02:03
 Inspector: