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RADIANT™ SERIES

Entertainment * Architectural * Retail * Display



Aptly named, the **RADIANT™** is a newly developed series of high power spot, image, framing, zoom projectors. The **RADIANT™** is driven by an advance power LED COB module and is equipped with high quality optical system designed to yield maximum light output and high definition beam. It comes with a long life LED light source in order to produce impressive graphics and colors which surpass the effects of fixtures in its class. The **RADIANT™** is easy to install and operate and is light weight housed in a stylish and functional housing.



Currently, the range consists of the following models designed to address a variety of different projection requirements. Choose the projector that suits your application.

LED IMAGE AND FRAMING PROJECTORS

RADIANT 150™ model SE-150

RADIANT 150 DMX™ model SE-150-DMX

RADIANT DMX 240™ model SE-240-DMX

RADIANT ZOOM DMX 120™ model SE-120Z

RADIANT ZOOM DMX 170™ model SE-170Z



FEATURES AND BENEFITS

- * Solid State Lighting (SSL) Technology
- * DMX and non DMX versions
- * Zoom and non-zoom versions
- * Long life LED light source requires no replacement during the life of the projector
- * Replaces halogen and metal halide light sources
- * Compact and lightweight
- * A variety of lenses to meet diverse projection requirements
- * B Size Gobo
- * Create transparencies from your computer and printer
- * Enables you to create the look you want, and change it easily and quickly.
- * Very user friendly, very easy to use
- * Stunning brightness
- * Extremely accurate focus
- * Low running cost
- * Energy efficiency
- * No IR and no UV

- * No Mercury
- * Virtually maintenance free
- * Dimmable with external dimmer
- * Different color temperatures to meet various creative requirements



RADIANT 150™

150W LED PROJECTOR



TECHNICAL DATA

RADIANT 150™ model SE-150

- Power Supply: AC100-240V, 50/60Hz, built-in power supply auto sensing
- Power Consumption: 150W
- LED: 1 set 120W, White Color
- LED Color Temp: 6300K
- LED Average Lifespan: 100,000 hours
- Driver: Included
- Flicker Free (Refresh Rate >400 Hz)
- Center Beam Lux at 2 meters projection distance:
 - 19°: 16,900 Lux
 - 26°: 12,000 Lux
 - 36°: 11,200 Lux
 - 50°: 6,500 Lux
- Different Lens Available: 19°/26°/36°/50°
- High-quality optical system
- Glass reflector
- Housing: Plastic
- Housing Color: Black, White
- Insulated handle
- Delivery includes 3 shutters, 1 gel frame & 1 gobo holder
- Iris (optional)
- Environmental Temperatures: -30°C-50°C (-22°F - 122°F)
Humidity: 0%-85%
- Listings: CE, RoHS. Meets and exceeds international safety standards.
- Cooling: Entire casing as heat sink plus 2 fans
- IP Rating: IP20. Indoor use only.

- Dimensions: (mm): L607xW270xH280mm (23.9" x 10.7" x 11.1")
- Net Weight: 4.8kg / 10.6 pounds
- Mounting Bracket
- B Size Gobo
- Light output is comparable to HID 575w and 1000w tungsten halogen light sources

PHOTOMETRIC DATA

19 DEGREES

DISTANCE	LUX	DIAMETER
1M	13550	0.33M
2M	16900	0.67M
3M	7100	1.00M
4M	4100	1.34M
5M	2550	1.67M
6M	1710	2.00M
7M	1250	2.34M
8M	950	2.68M
9M	750	3.01M
10M	620	3.35M

26 DEGREES

DISTANCE	LUX	DIAMETER
1M	82000	0.46M
2M	12000	0.92M
3M	5200	1.39M
4M	3100	1.85M
5M	1850	2.31M
6M	1270	2.77M
7M	920	3.23M
8M	700	3.69M
9M	550	4.16M
10M	470	4.62M

36 DEGREES

DISTANCE	LUX	DIAMETER
1M	62000	0.65M
2M	11200	1.30M
3M	4500	1.95M
4M	2550	2.60M
5M	1630	3.25M
6M	1100	3.90M
7M	820	4.55M
8M	610	5.20M
9M	520	5.85M
10M	430	6.50M

50 DEGREES

DISTANCE	LUX	DIAMETER
1M	28100	0.93M
2M	6500	1.87M
3M	2900	2.80M
4M	1750	3.73M
5M	1100	4.66M
6M	750	5.60M
7M	560	6.53M

8M
9M
10M

440
350
300

7.76M
8.39M
9.33M

RADIANT 150 DMX™

150W LED DMX PROJECTOR



TECHNICAL DATA

RADIANT 150 DMX™ model SE-150-DMX

- Power Supply: AC100V-240V, 50/60Hz
- Power Consumption: Maximum 150w
- Switch Power Supply: Built-in and auto switching
- LED: 1 set 120W, White Color 6300K
- LED Lifespan: >100,000 hours
- Flicker Free (Refresh Rate >400 Hz)
- Driver: Included
- Control Mode: DMX, Auto run, and Master/Slave
- DMX Channels: 2 CH
- Electronic Dimmer: 0-100% linear dimmer
- Electronic Strobe: 1-20 flash/s
- Setting and addressing: 4 digit LED

Data in/Out XLR 3 Pin

- Center Beam Lux at 2 meters projection distance:

19°: 16,900 Lux

26°: 12,000 Lux

36°: 11,200 Lux

50°: 6,500 Lux

- Different Lens Available: 19°/26°/36°/50°
- High-quality optical system
- Glass reflector
- Cooling: Entire casing as heat sink plus 2 fans
- Housing: Plastic
- Housing Color: Black (White optional)
- IP Rating: IP20. Indoor use only.
- Environmental Temperatures: -30°C-50°C (-22°F - 122°F)

Humidity: 0%-85%

- Listings: CE, RoHS. Meets and exceeds international safety standards.
 - Mounting Bracket
 - Delivery includes 4 shutters, 1 gel frame & 1 gobo holder
 - Iris (optional)
 - Dimensions (mm): L607xW270xH280 (23.90" x 10.63" x 11")
 - Net Weight: 5.2kg (11.44 lbs)
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- B Size Gobo
-
- Light output is comparable to HID 575w and 1000w tungsten halogen light sources

PHOTOMETRIC DATA

19 DEGREES

DISTANCE	LUX	DIAMETER
1M	13550	0.33M
2M	16900	0.67M
3M	7100	1.00M
4M	4100	1.34M
5M	2550	1.67M
6M	1710	2.00M
7M	1250	2.34M
8M	950	2.68M
9M	750	3.01M
10M	620	3.35M

26 DEGREES

DISTANCE	LUX	DIAMETER
1M	82000	0.46M
2M	12000	0.92M
3M	5200	1.39M
4M	3100	1.85M
5M	1850	2.31M
6M	1270	2.77M
7M	920	3.23M
8M	700	3.69M
9M	550	4.16M
10M	470	4.62M

36 DEGREES

DISTANCE	LUX	DIAMETER
1M	62000	0.65M
2M	11200	1.30M
3M	4500	1.95M
4M	2550	2.60M
5M	1630	3.25M
6M	1100	3.90M
7M	820	4.55M
8M	610	5.20M
9M	520	5.85M
10M	430	6.50M

50 DEGREES

DISTANCE	LUX	DIAMETER
1M	28100	0.93M
2M	6500	1.87M
3M	2900	2.80M
4M	1750	3.73M
5M	1100	4.66M
6M	750	5.60M
7M	560	6.53M
8M	440	7.76M
9M	350	8.39M
10M	300	9.33M

RADIANT DMX 240™

240W LED DMX PROJECTOR



TECHNICAL DATA

RADIANT DMX 240™ model SE-240-DMX

- Power Supply: AC100V-240V, 50/60Hz
- Power Consumption: Max. 240W
- Switch Power Supply: Built-in and **auto** switching
- LEDs: 1 pc Module, 200W, White Color, Brand CREE
- Color Temperature: 3200K or 5600K
- Center Beam illuminance:
 - 19°: 10,600Lux@2.5 meters
 - 26°: 7,500Lux@2.5 meters
 - 36°: 5,500Lux@2.5 meters
 - 50°: 1,950Lux@2.5 meters
- Color Rendering Index(CRI): Ra>83
- LED Lifespan: >50,000 hours
- Flicker **Free** (Refresh Rate >400 Hz)
- Different Lens Beam Angle Available: 19°/26°/36°/50°
- Control Mode: DMX, Auto run and Master/Slave
- DMX Channels: 2 CH
- Control System: ARM7 processor, steady and anti-interference
- Electronic Dimmer: 0-100% linear dimmer
- Electronic Strobe: 1-20 flash/s
- Drive Mode: Constant Current
- Fixture Efficiency: 95%
- Cooling: Entire casing as heat sink plus 1 noiseless fan
- Thermal sensor monitors the light source and ensures the fixture works at proper temperature
- Display: Blue LCD
- Data In/Out: XLR 5 Pin

- Power In: Fixed
- Housing: Die-cast Aluminum
- Housing Color: Black (White optional)
- IP Rating: IP33
- Environmental Temperatures: -30°C - 55°C (-22°F - 131°F)

- Listings: CE, RoHS. Meets and exceeds international safety standards.
- with single yoke
- with single handle at the rear
- Dimensions (mm): L700*W280*H240 (27.55" x 11" x 9.45")
- Net Weight: 11.5kg (25.3 lbs)

- B Size Gobo

- Light output is comparable to HID 1000w and 2000w tungsten halogen light sources



RADIANT ZOOM DMX 120™

120W LED ZOOM DMX PROJECTOR



TECHNICAL DATA

RADIANT ZOOM DMX 120™ model SE-120Z

- Power Supply: AC100V-240V, 50/60Hz
- Power Consumption: Max. 120W
- Switch Power Supply: Built-in and auto switching
- LEDs: Modular 100W multi-LED, White Color
- Color Temperature: 3200K or 6000k
- Center Beam illuminance: **Zoom 12°-25°**
14,250Lux@2mtr@12°
7,900Lux@2mtr@25°

- Center Beam illuminance: **Zoom 20°-35°**
7,325Lux@2mtr@20°
4,960Lux@2mtr@35°
- Color Rendering Index(CRI): Ra>80
- LED Lifespan: >50,000 hours
- Flicker Free (Refresh Rate >400 Hz)
- Beam Angle: 12°-25°, adjustable
- Drive Mode: Constant Current
- Control Mode: DMX, Auto run and Master/Slave
- DMX Channels: 2 CH
- Electronic Dimmer: 10-100% linear dimmer
- Electronic Strobe: 1-20 flashes/second
- Fixture Efficiency: 92%
- Cooling: Entire casing as heat sink plus 1 noiseless fans
- Setting and Addressing: 3-digit LED
- DMX Data In/Out: XLR 3Pin
- Power In: Fixed
- Housing: Die-cast Aluminum
- Housing Color: Black (White optional at additional cost)
- IP Rating: IP20
- Environment Temperatures: -30°C-50°C (-22°F - 122°F)

- Listings: CE, RoHS. Meets and exceeds international safety standards.
- with single yoke
- Gel Frame & Gobo Holder not included (Optional)
- Dimensions (mm): L638*W253*H352 (25.12”X9.96”X12.68”)
- Net Weight: 7.8kg (17.16 lbs)

- B Size Gobo

- Light output is comparable to HID 575w and 1000w tungsten halogen light sources



RADIANT ZOOM DMX 170™

170W LED ZOOM DMX PROJECTOR



TECHNICAL DATA

RADIANT ZOOM DMX 170™ model SE-170Z

- Power Supply: AC100V-240V, 50/60Hz
- Power Consumption: Max. 170W
- Switch Power Supply: Built-in and **auto** switching
- LEDs: Modular 150W multi-LED, White Color
- Color Temperature: 6000K or 3200K
- Center Beam illuminance: **Zoom 12°-25°**
21, **300Lux@2mtr@12°**
11,800Lux@2mtr@25°
- Center Beam illuminance: **Zoom 20°-35°**

10,950Lux@2mtr@20°

7,400Lux@2mtr@35°

- Color Rendering Index(CRI): Ra>80
 - LED Lifespan: >50,000 hours
 - Flicker Free (Refresh **Rate** >400 Hz)
 - Beam Angle: 12°-25°, adjustable
 - **Drive** Mode: Constant Current
 - Control Mode: DMX, Auto run and Master/Slave
 - DMX Channels: 2 CH
 - Electronic Dimmer: 10-100% linear dimmer
 - Electronic Strobe: 1-20 flashes/second
 - Fixture Efficiency: 92%
 - Cooling: Entire casing as heat sink plus 1 noiseless fans
 - Setting and Addressing: 3-digit LED
 - DMX Data In/Out: XLR 3Pin
 - Power In: Fixed
 - Housing: Die-cast Aluminum
 - Housing Color: Black (White optional at additional cost)
 - IP Rating: IP20
 - Environment Temperatures: -30°C-50°C (-22°F - 122°F)
-
- Listings: CE, RoHS. Meets and exceeds international safety standards.
 - with single yoke
 - Gel Frame & Gobo Holder not included (Optional)
 - Dimensions (mm): L638*W253*H352 (25.12”X9.96”X12.68”)
 - Net Weight: 7.8kg (17.16 lbs)
-
- B Size Gobo
-
- Light output is comparable to HID 700w and 1500w tungsten halogen light sources



APPLICATIONS

• Lobbies • Window displays • Schools • Indoor advertising • Banks • Promotional Campaigns • Shops • Department Stores • New Product Launch • New Service Introduction • Specialty Stores • Bars • Nightclubs • Restaurants • Movie Theaters • Theaters • Signs • Supermarkets • Car Dealerships • Arenas • Hotels • Casinos • Studios • Houses of Worship • High End Residential • Amusement/Theme Parks • Galleries • Museums • Events • Trade Shows • Entertainment Facilities • Concerts • Signs • Billboards • Exhibitions • Parking Garage • Exhibits • Displays • Radio & TV Stations • Sports Facilities • Displays • And Much more

DUE TO CONTINUOUS IMPROVEMENTS, SPECIFICATIONS MAY CHANGE WITHOUT PRIOR NOTICE.