RQ LED Dot Light

DS-RQ

APPLICATIONS

- The RQ LED light is a high performance dot light ideally suited for direct-view application such as large-scale video at building facade, graphics, architectural and decorative lighting applications. It is easy-to-install and has two sizes for different applications.

SPECIFICATIONS

- Use Nichia Japan high brightness SMD LEDs with 50,000 hours operation life time. There is different choice of colors including red, green, blue, amber, cool white, warm white and RGB.

- The dot light has 150° beam angle. It is DMX512 controlled for RGB and mono color version with built-in driver.

- The housing is made of die-cast aluminum with anti-UV foggy polycarbonate lens. It is filled up with UV-stablised silicon gel with IP66 protection rating for outdoor installation.The operating temperature range is 0-50°C.

- There are two versions of DS-RQ, one is 2-3/8" diameter with power consumption of 2.5W and the other is 3" diameter with power consumption of 3W. They are both operated at 21 ~ 26VDC voltage.

INSTALLATION

- Surface mount by screwing the dot light directly onto mounting surface.

DIMENSIONS		
All dimensions are shown in inches (mm)		
Diameter	**Depth**	**Power Consumption**
2-3/8"(61)	1-1/2"(39)	2.5W
3"(75)	1-3/4"(45)	3W

ORDERING INFORMATION

Series	Color	Diameter	Beam Angle	Voltage	Connector	Tail Cable
DS-RQ	RGB Red Green Blue Amber Cool White Warm White	2-3/8"(61) 3"(75)	120°	24VDC	JWPF Bare cable out	8"

Notes
1. The color of LED is selectable.
2. Listing - CSA certified to US and Canadian standards.
3. The input voltage is 24VDC.
4. Longer tail cable length than 8" must be specified when ordering.
5. JWPF connector is standard. If client wants bare cable out, it must be specified.

DS-RQ

Accessories Ordering

C2000	DMX controller with 1024 DMX address	AC-004	Milky white polycarbonate lens for DS-RQ-8
C4000	DMX controller with 2048 DMX address	AC-005	Milky white polycarbonate lens for DS-RQ-12
ICS8000	DMX controller with 4096-262144 DMX address	EC11	Extension cable (2m)
CLG-150-24	150W power supply unit		
HLG-240H-24	240W power supply unit		

Notes

1. Please specify length of extension cables if longer than 2m

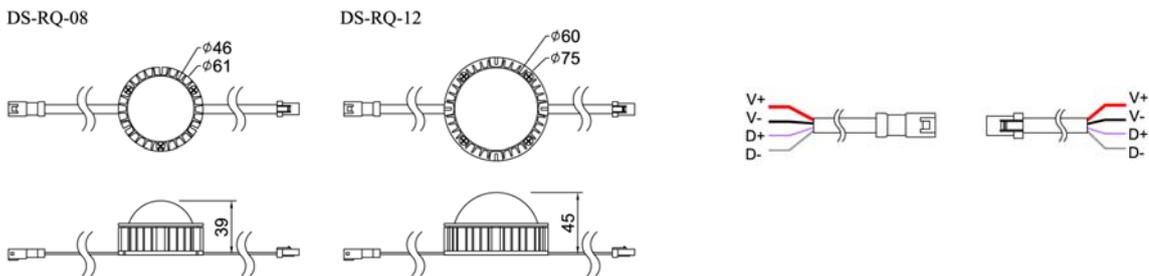Milky White Polycarbonate
Lens for DS-RQ-08
Model : **AC-004**

Milky White Polycarbonate
Lens for DS-RQ-12
Model : **AC-005**

Extension Cable
Model : **EC11 (2m long)**

TECHNICAL DRAWING
(All dimensions are shown in mm)

MOUNTING
(All dimensions are shown in mm)