

Specification Sheet



Product : **QUAD-LITE (0.8W/unit type)**

Description : 4-chip LED Module for Backlighting application

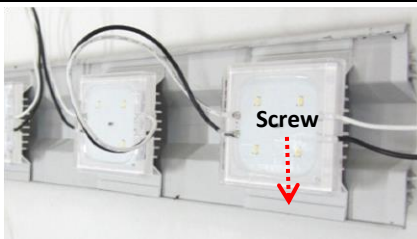
Key Features / Competitive benefits as below;

- ① Excellent power efficiency by incorporating NICHIA Japan's super efficient diode
In addition, PCB circuit is optimized to minimize power loss caused at PCB level.
- ② Excellent product reliability due to well-considered heat sink structure
- ③ Optional item of Aluminum guiding rail to enable easy installation

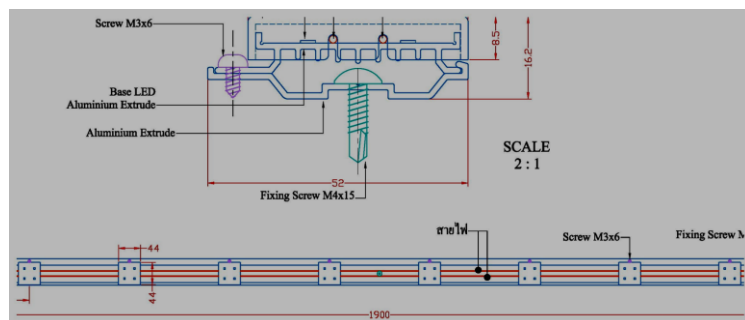
LED chip: Manufactured by NICHIA (Japan); High-Efficient SMD Low power devices, Encapsulated by clear silicone to protect the diode against possible deterioration by UV and heat.

Key Specification;

	Description (Model Number)	Colour /Colour Temp.	LED Lumens	Ra (typ)	Power Consumption
1	QUAD-LITE (P/N: QS-65B)	Daylight white /6500K (typ.)	110 Lumens (typ.)	85	0.8W (±10%)
2	QUAD-LITE (P/N: QS-30B)	Light Warm / 3000K(typ.)	88 Lumens (typ.)	85	
3	QUAD-LITE (P/N: QS-27B)	Standard Warm / 2700K(typ.)	86 Lumens (typ.)	85	
4	QUAD-LITE (P/N: QS-24B)	Dark Warm / 2400K(typ.)	78 Lumens (typ.)	85	



Aluminum guiding rail (Optional item)



Input Voltage: 12VDC

Beam Angle: 120 degree

Expected life span: 50,000hrs (Based on 70% Lumen Maintenance and Ta 25 degree C.)

Mounting Method: Screw onto guiding rail

Maximum Nos of Series Connection: 30 units (⇒Loop connection allows doubles the number ; 60units)

Dimension for casing including Al heat sink : 44mm(L) x 50mm(W) x 14mm(H)

Body material: Aluminum extrusion and Clear acrylic cover

Ingress Protection: IP67

Operating Temperature: -10 degree C ~ + 50 degree C

Recommendable Power Supply unit: DC12V type (TDK Brand)

Option item: DMX /or 0-10V Dimming control unit

Signal input: DMX or 0-10V analog

Dimming range: 5% ~ 100%

Dimension: 110mm x 60mm x 18mm(H)

Single channel

Maximum current: 6A

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