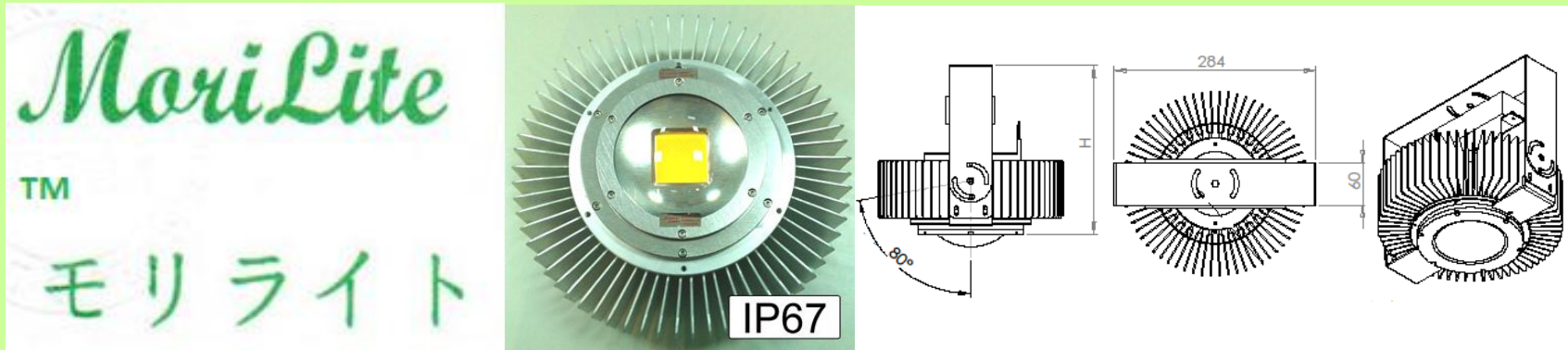


# The Real LED Lights in the world



MoriLite 100% own designed , particularly the 1<sup>st</sup> manufacturer in the world to combine & integrate the C.O.B. with Flip Chip + Vapor Chamber technology on our LED resource and with excellent performance of cooling technology ◦

## Multi-Purpose Lights

Applicable for Hi-Bay 、 Stadium 、 Arena 、 Studio 、 Airport 、 Flood & Bottom 、 Offshore Wells 、 Fisherman 、 Tobacco Warehouse 、 Swimming Pool Lights

Model No.	ML – BL 100A
Certificates	CE 、 RoHS 、 PSE 、 UL
Power Rated	100 W

Voltage Rated	100 ~ 277 V AC	
Frequency	50 / 60 Hz	
Power Consumption	< 107 W	
Light Halo Phenomenon	None	
Color Temperature	3,000K	5,000K
Color Rendering Index	> 80	> 75
Luminance Efficiency ( Lm/W )	> 94	> 104
Luminance Flux ( Lm )	> 10,000	> 11,000
Average Beam Angle	48° 、 60° 、 90° 、 135° x60°	
Life-Time 、 Light Decay < 30%	> 100,000 Hrs	
Light Decay after 100,000 hours	< 30 %	
Warranty	LED	10 years or 100,000 hours
	Power Drive Units	5 years or 50,000 hours
Power Drive Efficiency	> 94 %	
Power Factor	> 95 %	
System Efficiency	> 94 %	
The Application of High	8 ~ 10 Meters	
Illumination ( Lux. )	➤ 55 Lux. @ 10M height	
Dimension ( mm )	§ 260 x 136	
Net Weight ( Kg )	4.2	

Ingress Protection	IP 67
Loading Quantity : w/Pallet (20/40ft)	540 / 1,188 ctns
w/o Pallet (20/40ft)	784 / 1,617 ctns
Ambient Temperature	- 40 ~ + 70 °C
Storage Temperature	- 40 ~ + 80 °C
Can replace Hi-Pressure Sodium	400 W
Can replace Mercury Lamp	600 W
Can replace Metal Halide Lamp	400 W
<b>The Advantages of MoriLite C.O.B. LED Hi-Bay 、 Stadium 、 Arena 、 Studio 、 Airport 、 Flood &amp; Bottom 、 Offshore Wells 、 Fisherman 、 Tobacco Warehouse 、 Swimming Pool Lights 。</b>	
● Can replace the traditional metal halide lamp or mercury vapor lamp or electrode less lamp 。	
● Excellent thermal performance , service life of up to 100,000 hours and/or 10 years 。	
● Specially designed aluminum extrusion , shell Premium cooling effect , and has IP 67 grade 。	
● Stadium 、 Arena 、 Gymnasiums 、 Studio 、 Airport 、 Offshore Wells 、 Fisherman 、 Tobacco Warehouse and so on apply 。	

★ The company reserves the right to change these specifications and w/o prior notice 。

Manufacturer :

清鈺有限公司 **Qing Yu Opto Inc.**

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