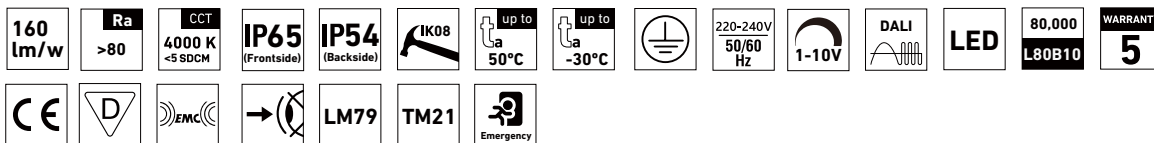


Matilda

General Characteristics

- Simplified exterior design, matrix-style fins, which not only fully utilize the heat dissipation function but also reflect an industrial design style.
- Professional optical design, providing options for flat prisms with a 110° angle, lenses with a 90° angle, and polarized lenses with a 30x110° polarizing angle.
- Compatible with Zhaga Book 18.
- A single module can achieve 100W/150W/200W



Mechanical

Structure: Die casting ADC12
 Lens: PS/PC
 Installation: Suspending/Ceiling mounted with bracket
 Color: White
 Ingress protection: IP65 (Frontside), IP54 (Backside)
 IK resistance: IK08
 Ambient temperature: -30°C to +50°C

Electrical

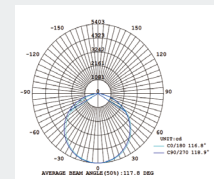
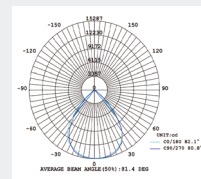
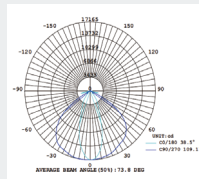
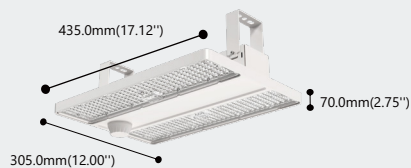
Input: 220-240VAC (50/60Hz)
 Power factor: ≥ 0.98
 THD: $\leq 15\%$
 Safety class: Class I
 Surge protection: L-N: 6kV & L/N-GND: 6kV (driver)

Other control

Sensing: MW/PIR sensor/Zhaga
 Communication: 1-10V/DALI

Application

Logistics, Manufacturing, Retail, Industry, Warehouse



Type	Power [W]	Total Flux [lm]	Efficacy [lm/w]	Beam angle [°]	Ta Max.: [°C]	Size [mm]	Net weight [kg]
IL-HB23-N20040-311	100.3	16008	159.6	30*110	50	435*305*70	3.2
	150.3	23285	154.8	30*110	50	435*305*70	3.2
	196.1	29473	150.2	30*110	50	435*305*70	3.2
IL-HB23-N20040-90	100.5	16035	159.6	90	50	435*305*70	3.2
	150.5	23304	154.8	90	50	435*305*70	3.2
	196.5	29421	149.7	90	50	435*305*70	3.2
IL-HB23-N20040-110	100.1	15990	159.6	110	50	435*305*70	3.2
	150.3	23249	154.7	110	50	435*305*70	3.2
	200.3	30029	149.9	110	50	435*305*70	3.2