



ECKO 02 SERIES

Advanced Air Convection Thermal Design
High Efficacy Driven by Premium
Lumileds SMD Chips

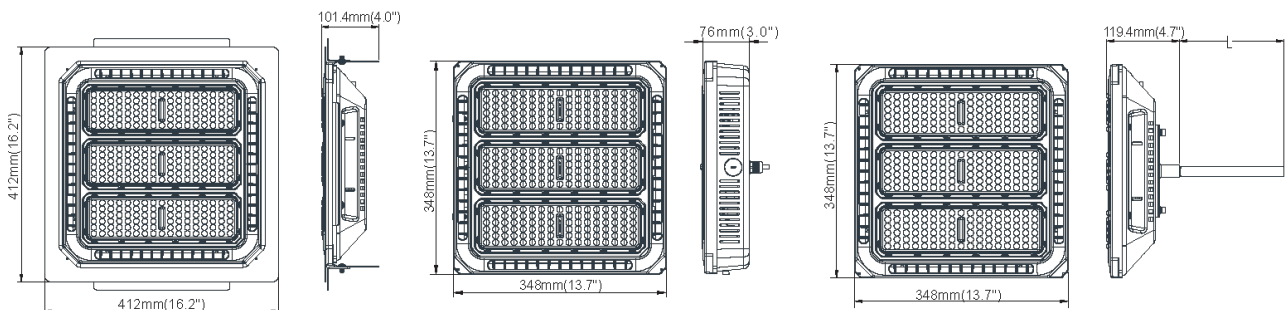


Introducing the Ecko 02 Series Low Bay Canopy Light by Greenlux, an ultra-efficient commercial and industrial ceiling luminaire engineered for high performance, maximum durability, and long operational life.

Advanced Thermal Dissipation: Built around a sophisticated air convection structural frame, this canopy light ensures excellent heat conductivity and rapid thermal dissipation, safely preserving the operation of internal components even under long shift schedules.

Uncompromising Optical Quality: Utilizing top-tier Lumileds SMD LED chips, the Ecko 02 generates massive luminous outputs across an evenly balanced 80° beam angle distribution. It features premium optical alignment parameters designed to optimize raw light utilization and ensure superb spatial uniformity.

Dimensions(mm)



P1 Recessed Installation
Frame

P2 Surface mounting
installation

P3 Pole installation

IP65 Waterproof

Lumileds SMD LED

Flicker-Free Driver

CRI 80/90



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Technical Specifications

Model Performance Specifications

Model Number	Rated Wattage	Nominal Lumen Output	Dimming
GBECK-60W-02	60W	8,400 lm	On/Off 1-10V Dali
GBECK-80W-02	80W	11,200 lm	
GBECK-100W-02	100W	14,000 lm	
GBECK-120W-02	120W	16,800 lm	
GBECK-150W-02	150W	21,000 lm	
GBECK-180W-02	180W	25,200 lm	
GBECK-200W-02	200W	28,000 lm	

Color Temperature (CCT)	3000K, 4000K, 5000K, 6000K Standard (Other options available on request)	Beam Angle	80° Symmetric Distribution
Color Rendering Index	CRI 80 Standard CRI 90 available on project request	LED Chip Type	Lumileds SMD High Output Generation
Ingress Protection	IP65 Rated (Dust-tight and protected against water jets)	Driver Technology	Flicker-Free Constant Current Driver
Thermal Management	Air Convection Design for quick dissipation	Warranty Term	5 Years Full Warranty

IP65 Waterproof

Lumileds SMD LED

Flicker-Free Driver

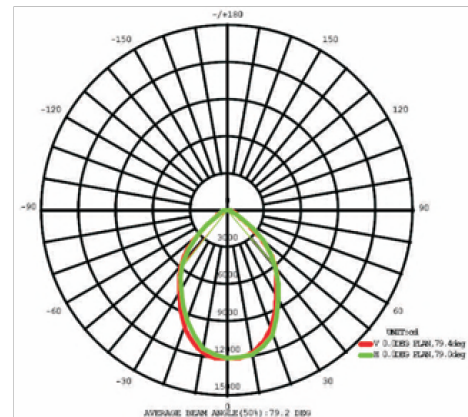
CRI 80/90



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Other details

Photometry



80°

MOUNTING OPTIONS

The Ecko 02 chassis is physically designed to natively support three distinct, adaptive architectural mounting methods depending on structural site conditions:

- **Hanging / Pendant Mounting:** Suspended from overhead structural trusses or cable trays using strong suspension accessories coupled to integrated mounting loops.
- **Surface Mounted Installation:** Anchored closely and directly onto solid ceiling slabs or structural canopies via integrated face brackets for tight clearance conditions.
- **Recessed Installation:** Cut into ceiling tile grids or architectural panelling frameworks for a clean, flush-aligned look that minimizes vertical profile projections.



P1 Recessed Installation
Frame



P2 Surface mounting
installation



P3 Pole installation

