

MORSA

INDUSTRIAL
SMART SOLUTION



Objective

An intelligent LED highbay lighting system represents a cutting-edge lighting solution crafted for industrial or commercial areas featuring lofty ceilings. This lighting apparatus harnesses the potential of LED (Light Emitting Diode) technology, renowned for its efficient energy usage, lasting lifespan, and impressive luminosity. The "smart system" nomenclature signifies that this particular LED highbay light integrates intelligent functionalities and capacities to efficiently manage energy consumption, elevate lighting efficiency, and facilitate remote operation and automation—all while ensuring a lower Unified Glare Rating (UGR) to safeguard the eyes. The integration of this novel technology ushers in a contemporary era, allowing seamless control of luminosity within the range of 16,400 to 32,800 lumens in an intelligent manner.

Obiettivo

Una luce highbay LED con sistema intelligente è una soluzione illuminotecnica tecnologicamente avanzata progettata per spazi industriali o commerciali con soffitti alti. Questo apparecchio luminoso sfrutta la tecnologia LED (diode a emissione di luce), conosciuta per la sua efficienza energetica, longevità e luminosità. Il termine "sistema intelligente" indica che questa luce highbay a LED incorpora funzionalità intelligenti e capacità per ottimizzare il consumo energetico, migliorare le prestazioni luminose e consentire il controllo remoto e l'automazione, con un basso UGR per proteggere gli occhi. La nuova tecnologia permette di regolare i lumen da 16.400 a 32.800 in modo intelligente, portando un tocco moderno all'era del controllo luminoso.

Description

Housing - Made of die cast aluminum housing with extruded aluminum heat sink equipped with rubber gasket for weatherproof and high humidity area application

Diffuser - Prismatic PMMA lens diffuser specially for LED

LED - reducing energy consumption with L80/B10/F10 75,000 hrs lifetime.

Standards - manufactured in accordance with EN 60598-1 and 60598-2-1

Mounting Option - Ceiling Hanging Hook, Pole, Wall Mounting bracket.

Accessories - Wire guard, sensor / smart kit, 6KV Surge protection, Polycarbonate reflector

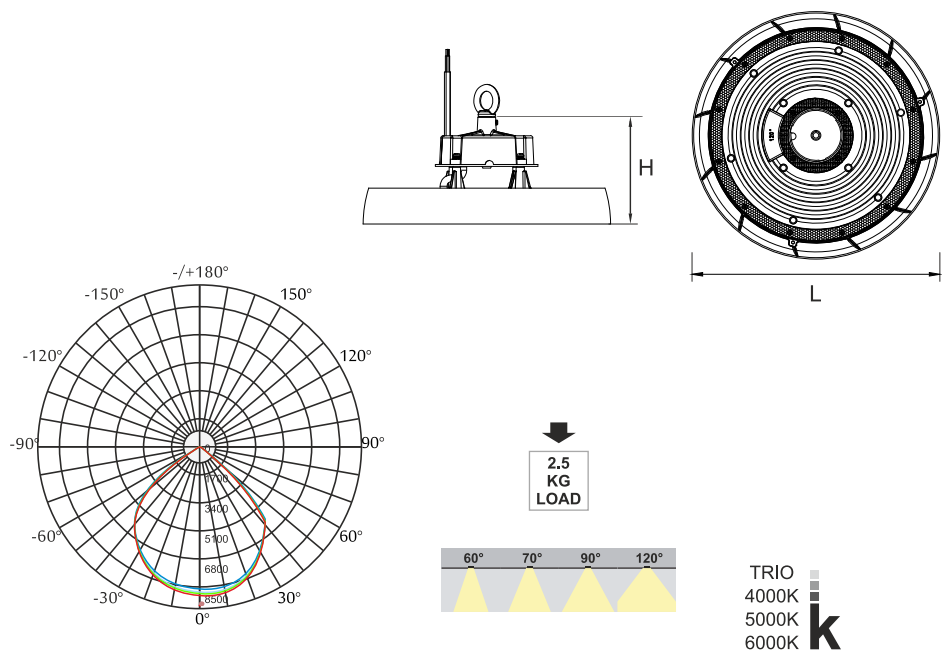
Microwave Motion Sensor - MAX 12M Height



CODE	WATTAGE	LUMEN	SIZE mm
17001100	100W	16400lm	Ø305 X 135 H
17001150	150W	24600lm	Ø305 X 135 H
17001200	200W	32800lm	Ø305 X 135 H

Technical specifications and certifications grid:

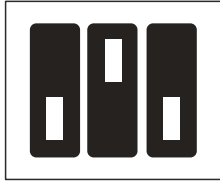
- LED, Energy Star, ENEC
- CB, CSA, CASAMBI
- PHASE DIMMING: DALI 2.0, 1-10 DIMMING, ECO
- 65°C, -25°C, Glowing Wire Test - 850°
- IP 65, IK 08, UGR <19, SDCM 2.0/3.0
- CIDET, EAC, COMPLIANCE (LM-78, TM-21, LM-80)
- PASEL ACCREDITATION, HP SMD, CRI >90
- ROHS, SELV, series wiring
- CE, COMPLIANCE, U
- A++
- 120-277V 50/60Hz



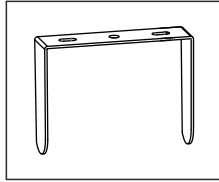
LED Drivers - PHILIPS GTCI MEAN WELL GTCI TRIDONIC LED Chips - BRIDGELUX CREE SHARP SAMSUNG PHILIPS CITIZEN

In a continuing effort to offer the best product possible, we reserve the right to change, without notice, specifications or materials that in our opinion will not alter the function of the product. Specification sheets found at www.romaluce.it are the most recent versions and supercede all other printed or electronic versions.

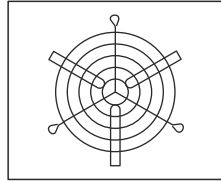
ACCESSORIES



Power & CCT Switch



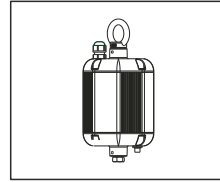
Adjustable Bracket



Wire Guard

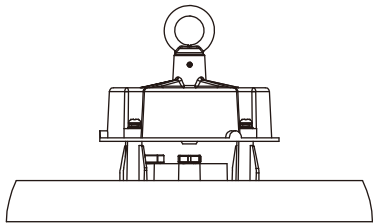


Sensor Kit/Smart Kit

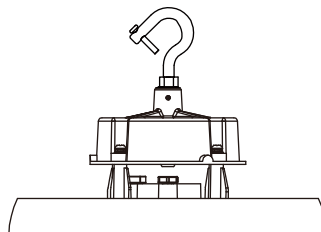


Emergency Backup
3 Hours Kit

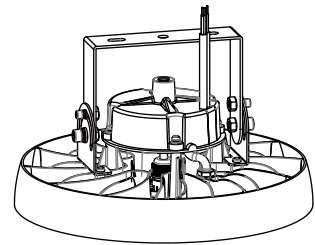
INSTALLATION APPLICATIONS



Ring Mount

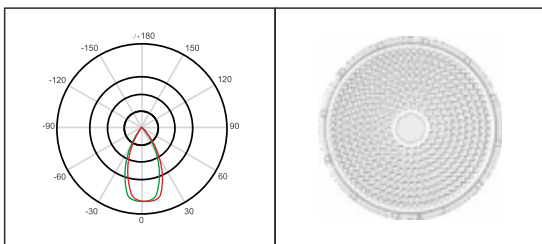


Hook Mount

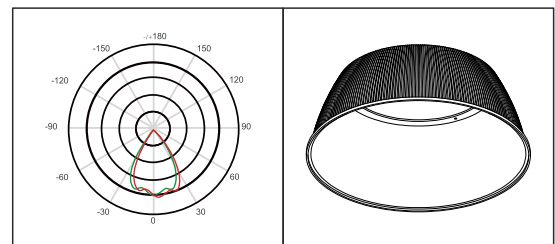


Bracket Mount

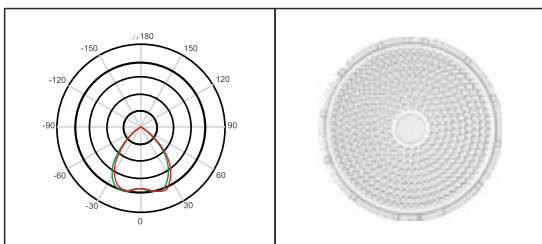
OPTICAL PERFORMANCE



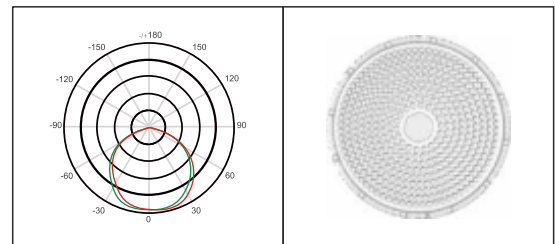
PC Lens



PC Reflector



PC Lens



PC Lens