



HBC05 SERIES

ADJUSTABLE LED HIGH BAY

Selectable power/CCT

POWER RANGE

75W - 250W

CCT OPTIONS

3000K / 4000K / 6500K



PERFORMANCE AT A GLANCE

Flexible platform. Three power classes.

UP TO

160 lm/W

LUMINOUS EFFICACY

POWER RANGE

75W-250W

OPTICS

90°

PROTECTION

IP66

IK10 IMPACT RATING

5

**YEAR
WARRANTY**

FIELD-SELECTABLE SETTINGS

One platform. Multiple configurations.

Power configuration

Model-specific power settings.

150W model	75W / 110W / 150W
200W model	100W / 150W / 200W
250W model	Fixed 250W

CCT configuration

150W / 200W: Selectable 3000K / 4000K / 6500K.

3000K

4000K

6500K

250W model: 6500K only.

MODEL SELECTION

Current HBC05 power options

MODEL	POWER	LUMINOUS FLUX	FIXTURE SIZE
KR-HBC05-150W	150 W	24,000 lm	Ø300 x 158 mm
KR-HBC05-200W	200 W	32,000 lm	Ø360 x 158 mm
KR-HBC05-250W	250 W	40,000 lm	Ø360 x 158 mm

PRODUCT OVERVIEW

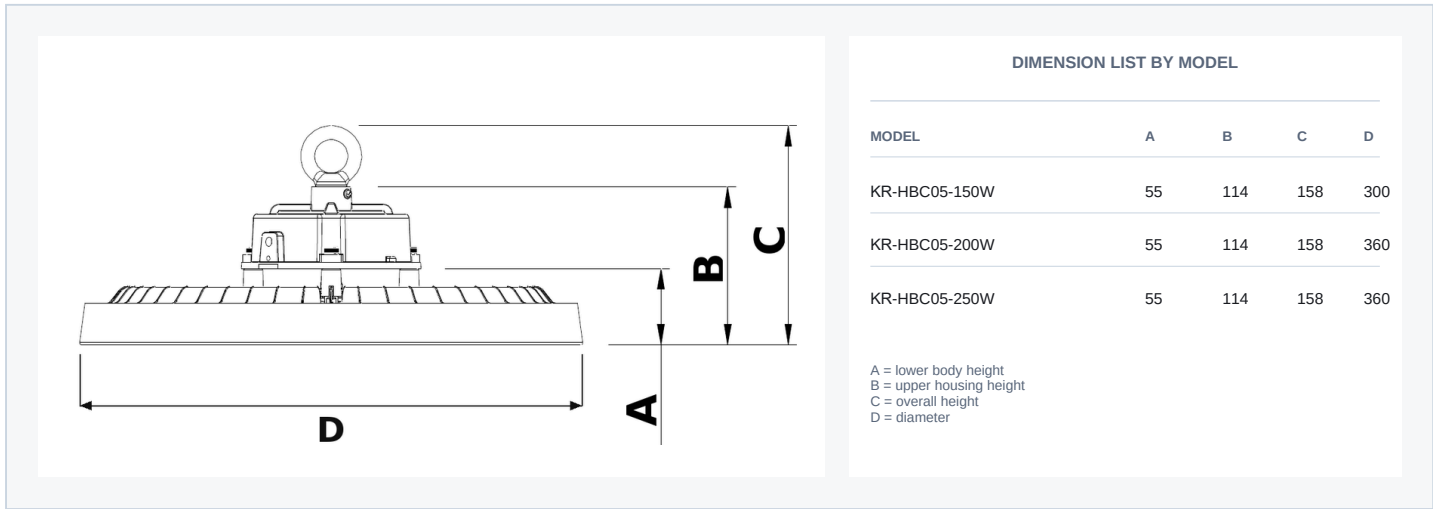
KR-HBC05 Series UFO high bays combine Lumileds 2835 LEDs, ADC12 aluminium construction and polycarbonate optics. The current range consists of 150W, 200W and 250W models. The 150W and 200W versions offer model-specific 3-power and 3CCT selection; the 250W version is fixed at 250W / 6500K. All models use a fixed 90° beam angle.

Current product data specifies IP66 / IK10 protection, 100-277 VAc input and driver options including Sosen and Lifud.

DIMENSIONS

Master housing drawing with dimension keys

Dimensions in mm



CURRENT MODEL SIZES

HBC05 model dimensions

MODEL	POWER	FIXTURE SIZE	LUMINOUS FLUX
KR-HBC05-150W	150 W	Ø300 x 158 mm	24,000 lm
KR-HBC05-200W	200 W	Ø360 x 158 mm	32,000 lm
KR-HBC05-250W	250 W	Ø360 x 158 mm	40,000 lm

DETAILED DATA

Technical data by system

Optical		Electrical	
LED SOURCE	Lumileds 2835	INPUT	100-277Vac
EFFICACY	Up to 160 lm/W	ELECTRICAL CLASS	Class I
CCT	3CCT (150/200W); 6500K (250W)	POWER FACTOR	> 0.9
BEAM ANGLE	90°	THD	< 15%
CRI	80	DRIVER EFFICIENCY	> 90%
		SURGE PROTECTION	4 kV L-L / L-E

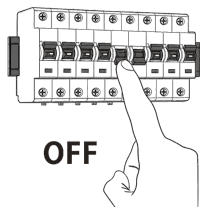
Mechanical & Lifetime		Controls & Options	
HOUSING	ADC12 aluminium	POWER ADJUSTMENT	Tri-power 150/200W; Fixed 250W
LENS	Polycarbonate	CCT ADJUSTMENT	3CCT 150/200W; 6500K 250W
PROTECTION	IP66 / IK10	DRIVER OPTIONS	Sosen / Lifud
OPERATING TEMP.	-40°C to +45°C	MOUNTING	Suspension / bracket optional
HUMIDITY	10%-90% RH	PC COVER	Optional (all models)
LIFETIME RATING (L80B20)	> 50,000 h	SWITCHING CYCLES	> 100,000

INSTALLATION

Five-step installation sequence

Reference-based quick guide

01

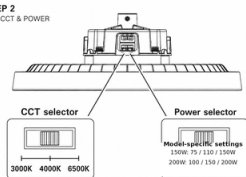


ISOLATE POWER

Switch the supply OFF at the circuit breaker before touching the luminaire. Verify the circuit is de-energised.

02

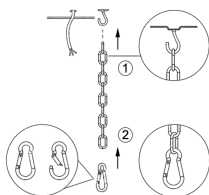
02 STEP 2
SET CCT & POWER



SET CCT & POWER

Before mounting, set the 3CCT / power selectors on the 150W and 200W models as required. 150W: 75W / 110W / 150W; 200W: 100W / 150W / 200W. The 250W model is fixed at 250W and 6500K.

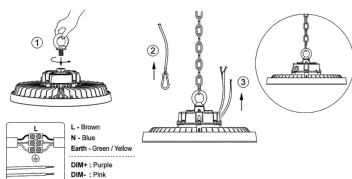
03



PREPARE SUSPENSION

Secure the chain / hook assembly to a suitable structural fixing. Chain, carabiner and hook are sold separately as shown.

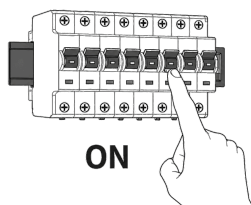
04



HANG & CONNECT

Fit and tighten the suspension eye, hang the luminaire securely, then connect: L - Brown, N - Blue, Earth - Green / Yellow. If dimming is used: DIM+ - Purple, DIM- - Pink.

05



ENERGISE & TEST

Check the mechanical and electrical connections, restore power, then confirm the luminaire operates normally.

SAFETY NOTE

Keep power OFF while selecting settings, mounting or wiring. Installation must be performed by qualified personnel. If the external cord is damaged, replace the luminaire.

PACKAGING

Current model packaging

MODEL	PRODUCT	CARTON	N.W.	G.W.	PACK
KR-HBC05-150W	Ø300 x 158 mm	320 x 320 x 150 mm	1.79 kg	2.49 kg	1 pc/ctn
KR-HBC05-200W	Ø360 x 158 mm	380 x 380 x 150 mm	2.17 kg	2.97 kg	1 pc/ctn
KR-HBC05-250W	Ø360 x 158 mm	380 x 380 x 150 mm	2.50 kg	3.46 kg	1 pc/ctn

OPTICAL & MOUNTING OPTIONS

Selectable project configurations

Optical options

Beam angle: 90°

Optional PC cover available for all current models.

Mounting & control options

Suspension and bracket mounting optional.

150W/200W: Tri-power selection + 3CCT

250W: Fixed 250W / 6500K

APPLICATIONS

Typical high-bay environments



Exhibition Halls / Auditoriums



Factories / Logistics / Warehouses



Large bays / Aircraft hangars

SUITABLE APPLICATIONS

School auditoriums | Hotels | Factories | Gas stations | Indoor sports venues | Exhibition halls
Train stations | Libraries | Logistics warehouses | Cold storage

HBC05 SERIES - CURRENT OPTIONS

150W / 200W / 250W | 3000K / 4000K / 6500K* | 90° | CRI 80 | IP66 / IK10

*250W model: 6500K only.