

UGR <19
SOLUTION WITH HIGH BAY LIGHT

BACKGROUND

UGR (Unified Glare Rating) is a metric that is used to calculate level of glare in certain applications.

With an increasing awareness of the effects poor lighting can have on a working environment, there has been an upsurge in the demand for UGR compliant light fittings. Therefore, it is important for installers and end users alike to understand when a UGR fitting is required and what it does.

HB01







DISABILITY OF HIGH GLARE ADVANTAGE OF LOW UGR

Disability glare: This is defined as a situation where vision can be impaired, preventing you from seeing an object or completing an activity, for instance looking at a computer with the sun shining on it makes it particularly difficult to see.

Discomfort glare: This is used to describe times where excessive luminance results in an automatic need to look away and a feeling of discomfort.

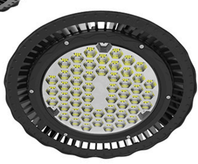
HOW KIRITO REDUCES UGR?

KIRITO **Lighting offer free expert lighting designs to make sure that the correct type and number of luminaires are being used within a certain area, rated UGR<19.**

KIRITO SOLUTION



UGR<19



65° Beam Angle

Low UGR solution is available for High Bay including HB01, HB03, HB07, HB08, HB09, HB10 and HB12



UGR STANDARD

European Standard BSEN 12464: 2002 specifies the ideal UGR values for typical environments, e.g.:

LIMITING	GI OCCUPATIONS
16	Drawing offices, very fine visual inspections
19	Offices, libraries, keyboard and VDT, work (reflections from screen), reading, writing, training meeting
22	Kitchen, reception area, fine assembly,craft and light industry
25	Stock rooms, assembly line for easy tasks/heavy industry
28	Indoor car park, Railway Platform

In accordance with the Lighting of indoor work places standards, BSEN 12464: 2002, "glare must be limited to avoid errors, fatigue and accidents." It states that a glare rating should be calculated by the UGR tabular method and must be below the rating listed for the application.

CONTACT US

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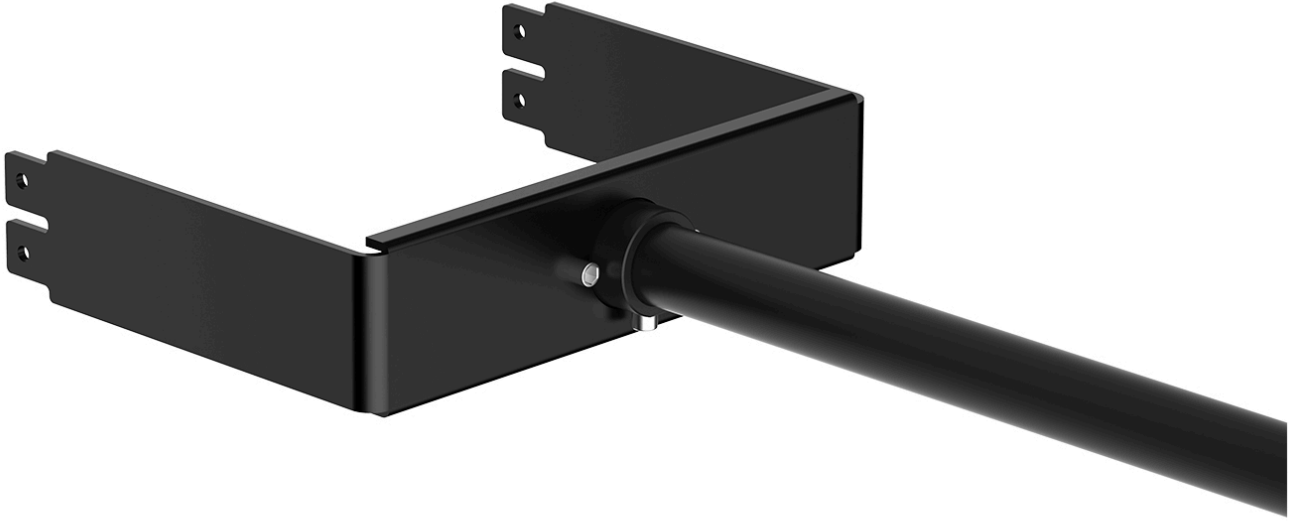








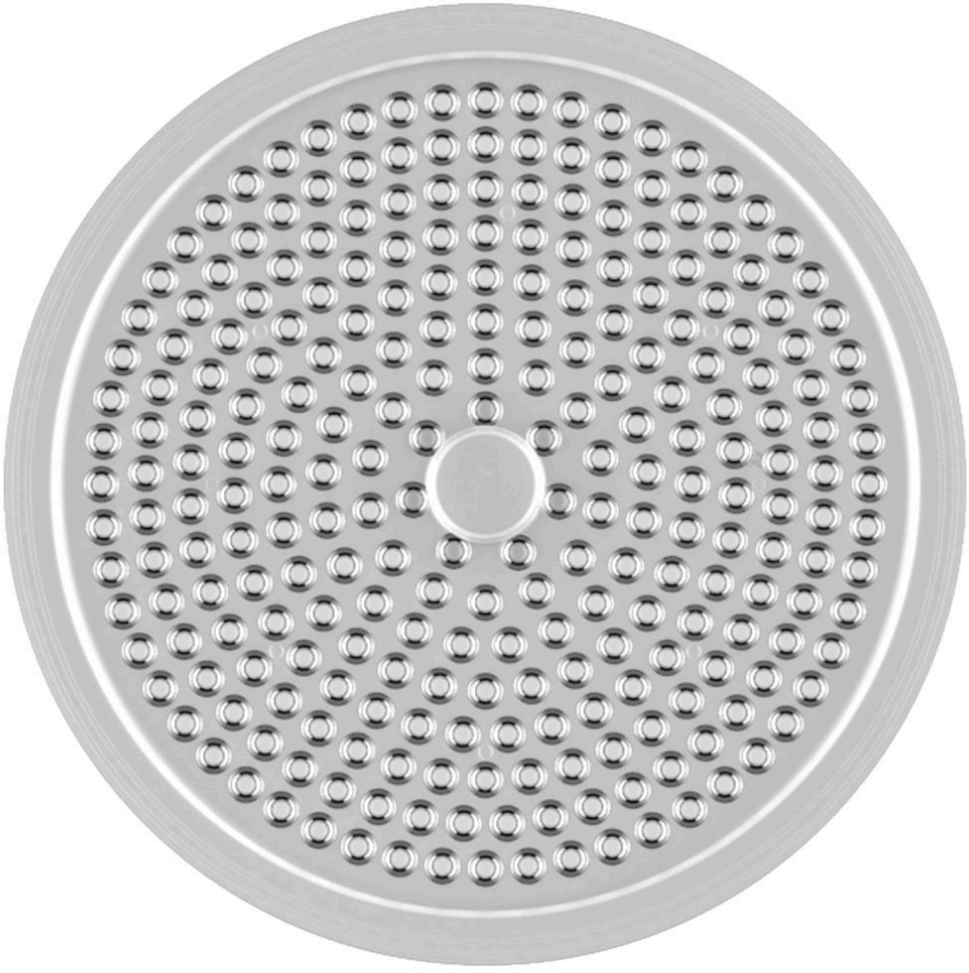


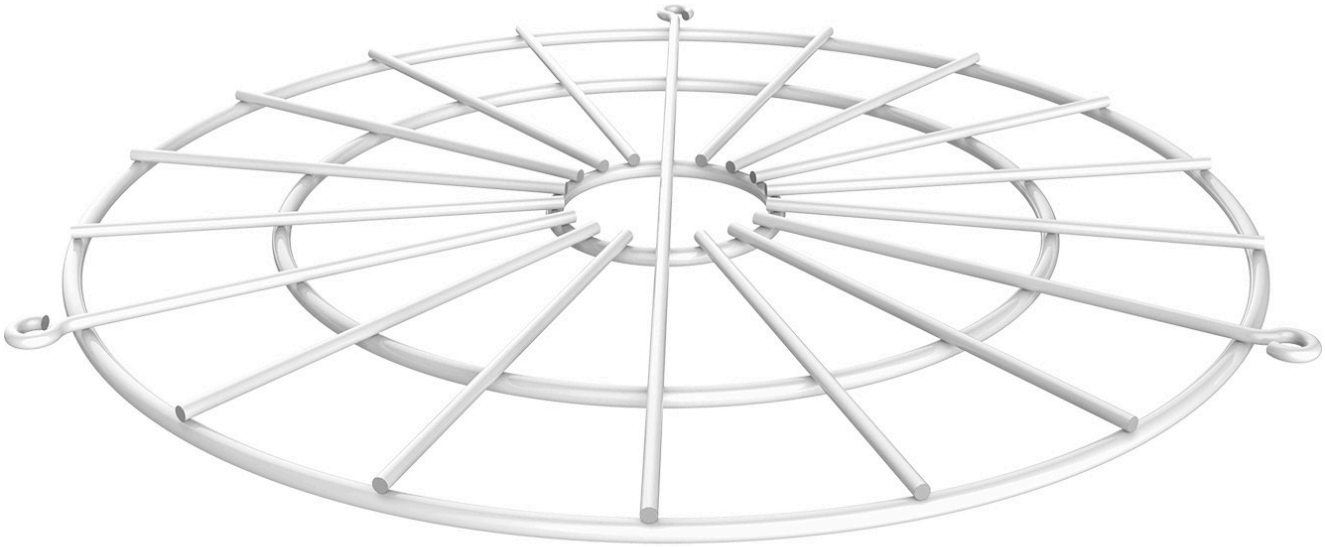


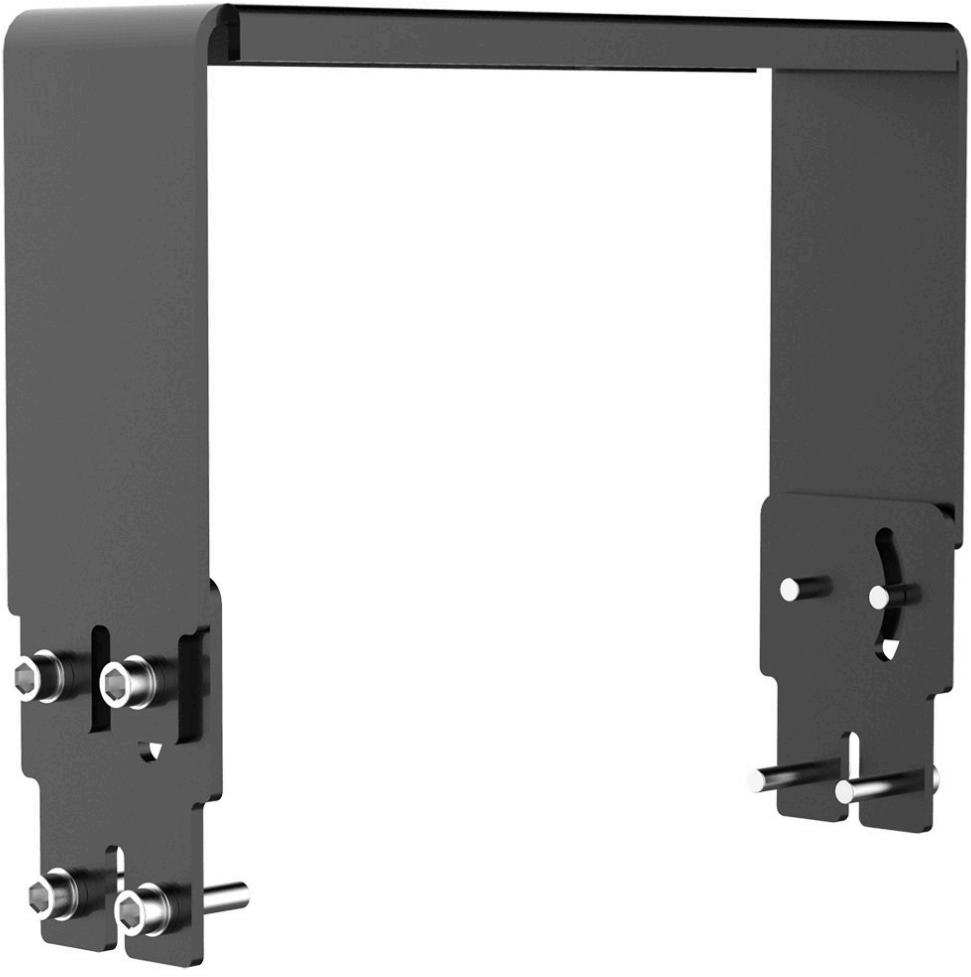



















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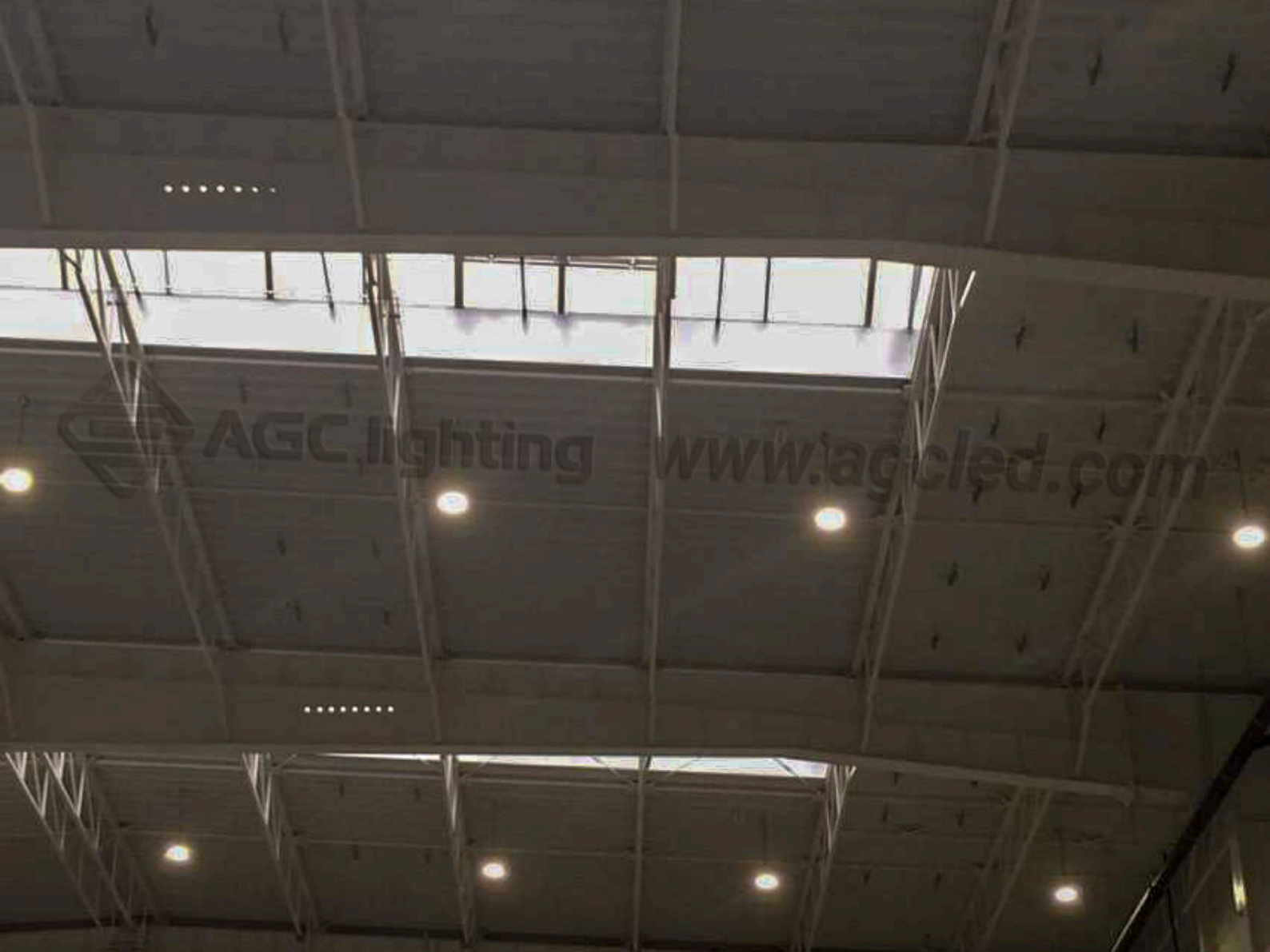

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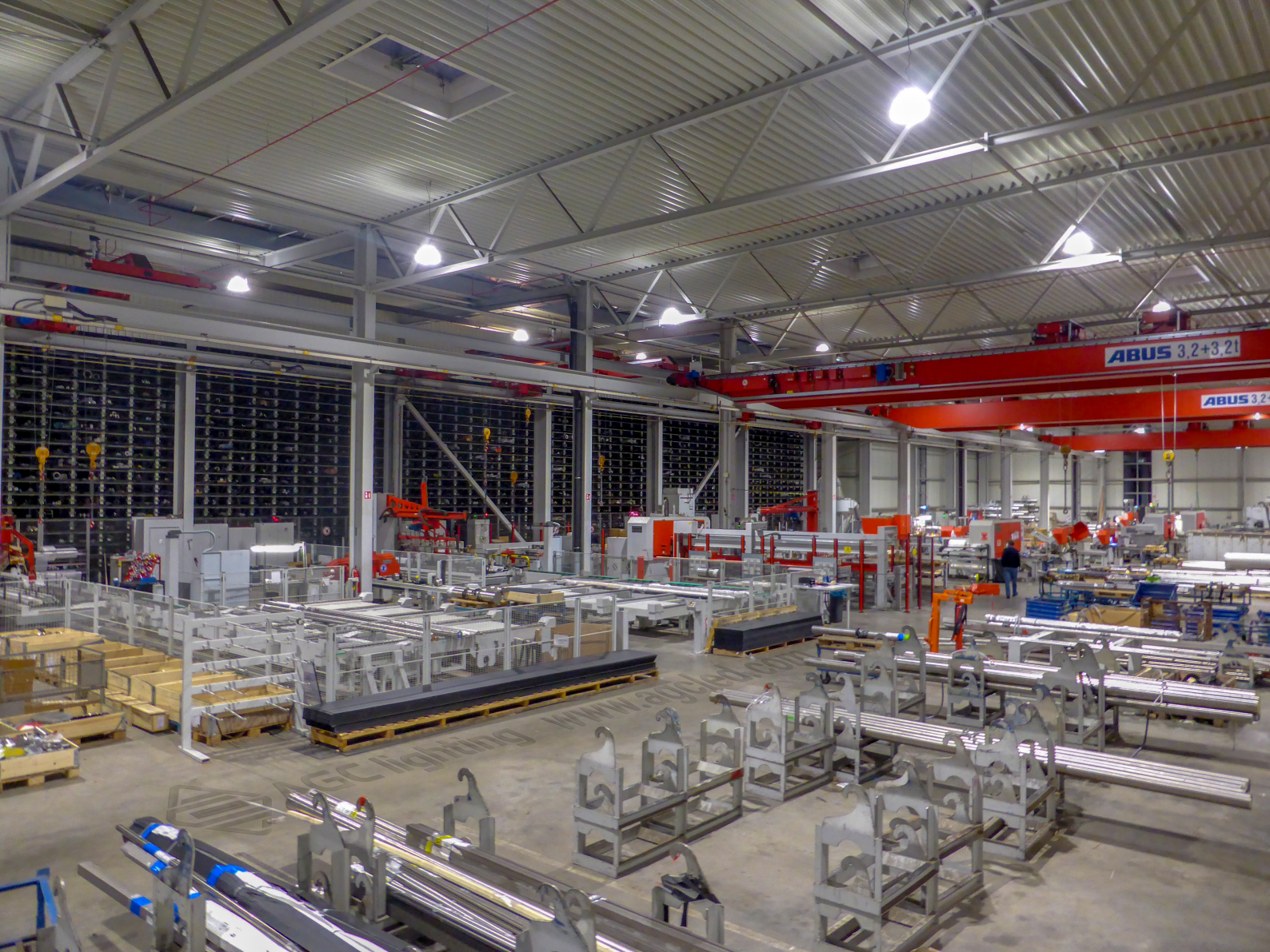

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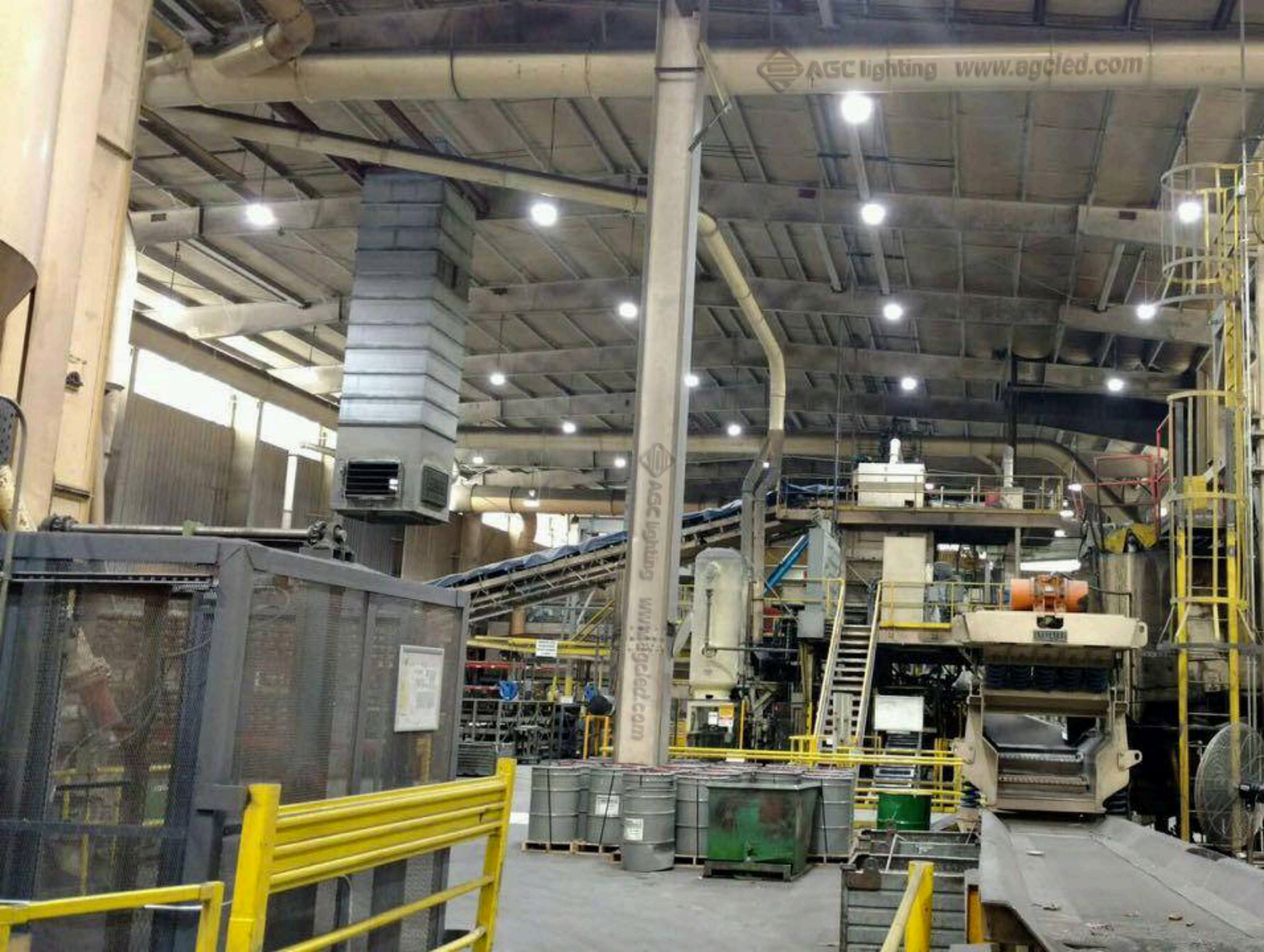

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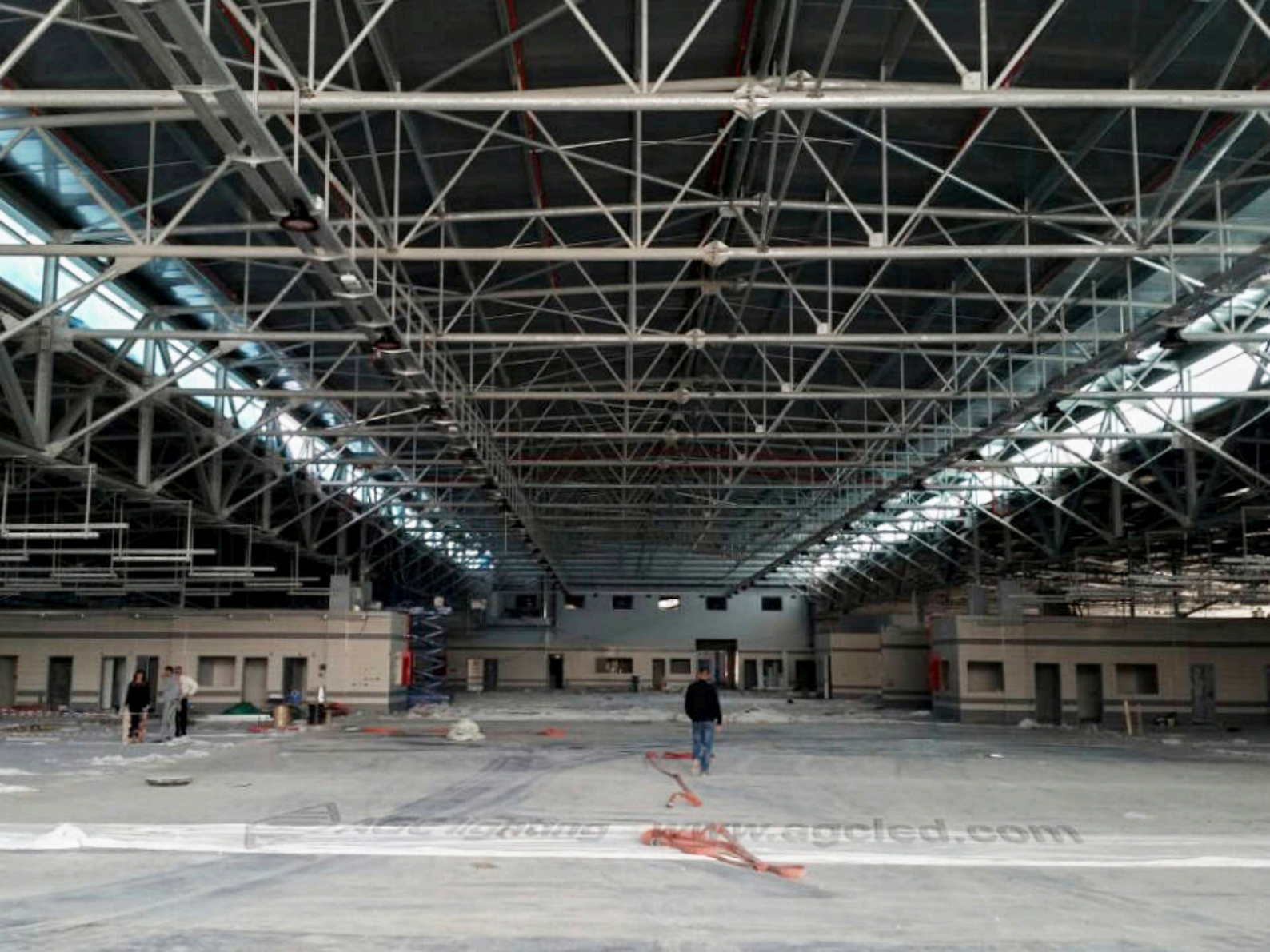

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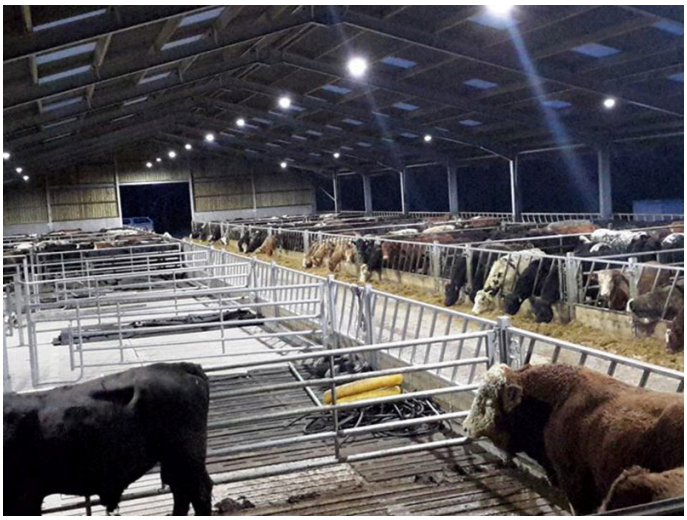


ADDITIONAL PRODUCT SPECIFICATIONS

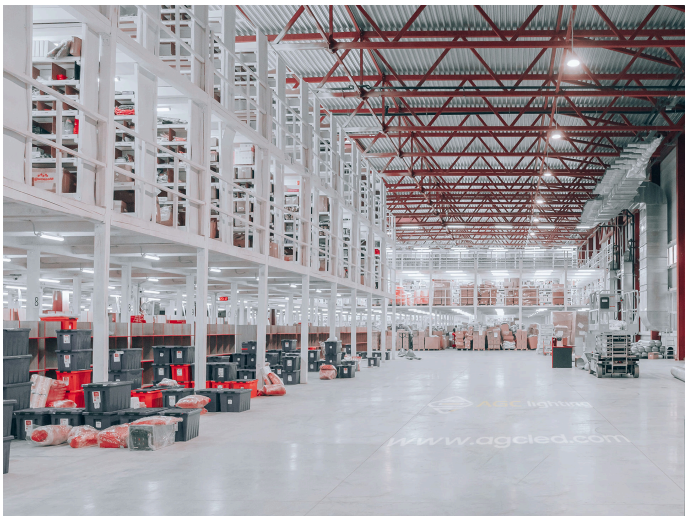
Series Code	HB01
Power	100W, 120W, 150W, 200W, 240W, 300W
Efficacy	140lm/W, 150lm/W, 160lm/W
Input Voltage	100-240 VAC, 50 / 60 Hz
Power Factor	>0.92
UGR Level	25
CCT	5000K, 4000K, 3000K
CRI(Ra)	80, 70
Control	Dimmable, DALI, Daylight Sensor, Microwave Sensor, PIR Sensor, ZigBee Control, Wireless
IP Rating	IP65
IK Rating	IK08, IK10
Mounting Option	Loop Hanging, Ceiling Mounting, Pipe Mounting
Warranty	5 Years
Surge Protection	2kV line-line, 4kV line-earth
Operating Temperature	-30°C to + 50°C

HiCloud Highbay keeps hot selling for 8 consecutive years and supports unlimited possibilities. It combines powerful and high light output LED technology with remarkable energy savings for a quick return on investment. Guaranteed quality LED high bay with everything you want. 1.5 million units of "HiCloud" which is the first UFO high bay were installed all over the world. Full wattages and various accessories. Loop hanging, ceiling mounting, wall mounting, pipe mounting. UGR<19 with honeycomb diffuser available. Tempered glass and lens versions are optional. Full certificates and reports: CE, ROHS, CB, TUV GS, ENEC, C tick, SAA; LM79, LM80, TM 21, ISTMT, LCP. Applications Agricultural Shed Cold Storage Manufacturing Logistics & Warehouse Hangar & High Ceiling Mount High Temperature Area Tennis and Padel Court Soccer & Football Ice Hockey Rink

PRODUCT VIEWS



VIEW 1



VIEW 2



VIEW 3



VIEW 4

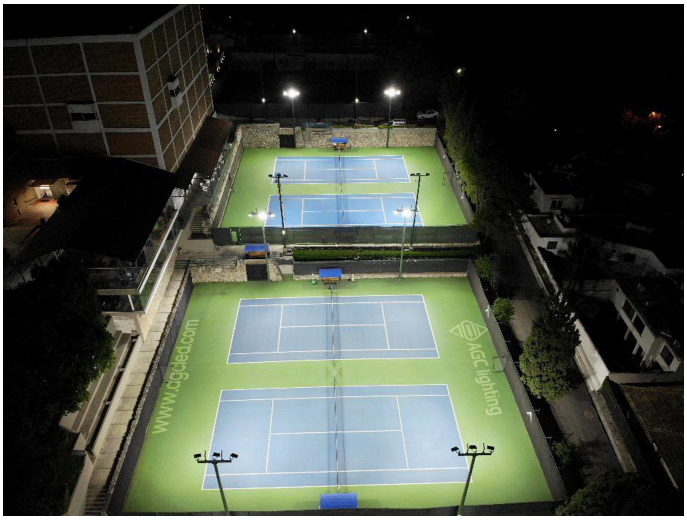
PRODUCT VIEWS



VIEW 5



VIEW 6



VIEW 7



VIEW 8

PRODUCT VIEWS



VIEW 9



VIEW 10



VIEW 11



VIEW 12

PRODUCT VIEWS



VIEW 13