

QUALITY YOU CAN TRUST

# LUXILUM GABRA



**MADE IN  
SPAIN**



**10 YEAR  
WARRANTY**

**LED RECESSED LIGHTS**





**Overview**

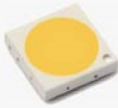
The LUXILUM GABRA LED recessed lights are using LUMILEDS® LUXEON 3030 2D luminous source, providing excellent lumen output, long-lasting stability and splendid sight.

The LUXILUM GABRA LED recessed lights have a high luminous efficiency and better service life. Provide 5 years warranty on luminaire.

**Color Options**

● Silver Gray

**LED LUMINOUS SOURCE**



**LUXEON**  
NEVER BEFORE POSSIBLE  
Greater than 150lm/W high efficacy, illumination grade LED light source.



**LED DRIVER**



High-end Mean Well HLG Series LED driver, optimal stability, performance and lifespan.



**LED MODULE**



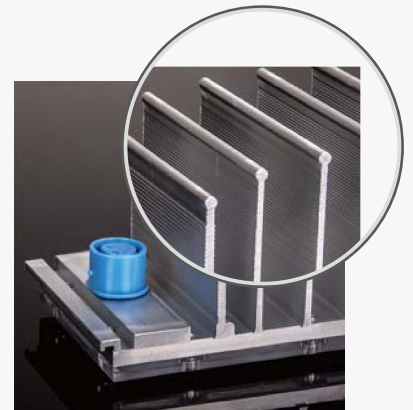
Exquisite design with powerful thermal dissipation and IP67 waterproof performance.



Overall stainless steel screws adopted.



Black & Silver Color Modules.

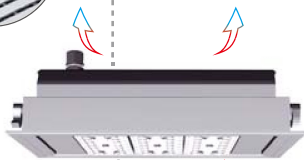


Cylindrical edge design, avoid cut risk.

**XTREME LUMINAIRE DESIGN**



Reasonable heat sink design, not only keep ventilation but also avoid laceration.



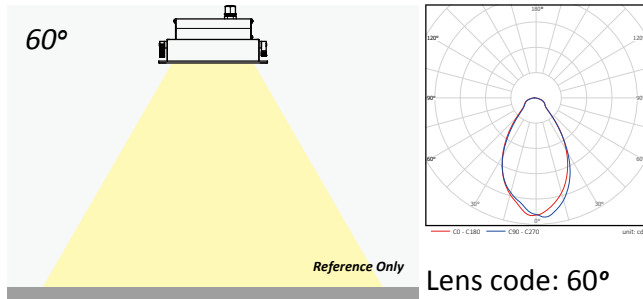
Gaps between each module are increased heat dissipation speed and solved the problem of dust deposition.



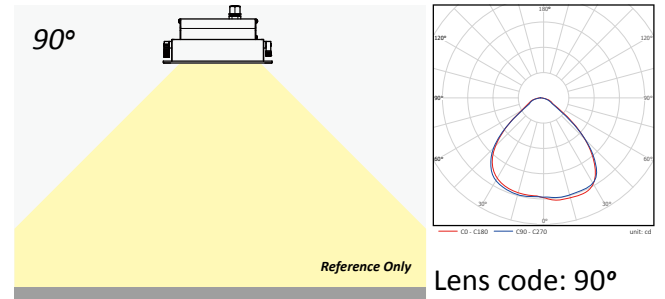
QUALITY YOU CAN **TRUST**



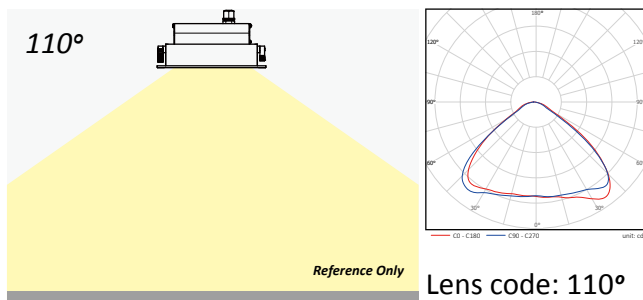
Optics



Applications:  
Shelf Aisle | High Hall | High Workshop



Applications:  
Warehouse | Workshop



Applications:  
Warehouse | Workshop | Gas Station



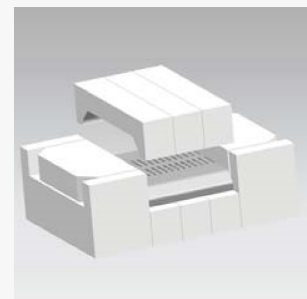
Professional lens design with 60°, 90° and 110° optional.



Use M16 waterproof connector, avoid hard power damage.



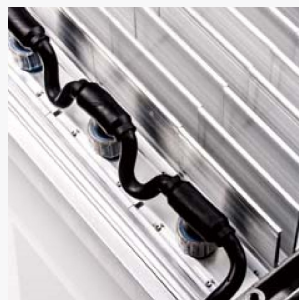
The exquisite and innovated frame holder not only makes the installation more simple but also firmer.



A special tailor-made packaging designed to guarantee the highest protection of the lamp.



Use waterproof connector for internal wiring, safe, convenient & fast.



Innovative pluggable connector, clean & efficient.



Convenient & fast installation.



With a non-corrosive material, not only exquisite appearance, but also no corrosion concerns.

DETAILED FEATURES

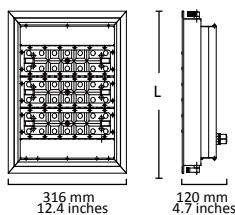
QUALITY YOU CAN TRUST





Product	GAB-QD50H5	GAB-QD100H5	GAB-QD150H5	GAB-QD200H5
Nominal Wattage	50W	100W	150W	200W
LED Working Current	125 mA	130 mA	130 mA	130 mA
Number of Modules	1	2	3	4
Input Voltage	100-240V /277V AC 50 /60Hz			
Dimming	1-10V, PWM, Resistance, Timer			
LED Brand	Philips Lumileds 3030			
Driver Brand	MeanWell Driver			
Max. Current @ 120V	0.51A	1.03A	1.54A	2.06A
Max. Current @208V	0.30A	0.59A	0.89A	1.19A
Max. Current @240V	0.26A	0.51A	0.77A	1.03A
Max. Current @277V	0.22A	0.45A	0.67A	0.89A
Operating Temperature	-40 °C to +50 °C			
Power Factor (PF)	>0.95			
THD	<20%			
Lumen Output (+/- 5%)	5750 lm	11500 lm	17250 lm	23000 lm
Luminaire efficacy	115 lm /w	115 lm /w	115 lm /w	115 lm /w
Optic	60°, 90°, 110°			
CRI	>70			
CCT	3000K (Warm White), 4000K (Nature White), 5000K (Pure White), 5700K (Cool White)			
Rating	IP66, IK10			
Material	Housing: Die-cast aluminum; Heat sink: Stretched Aluminium Alloy; Lens: PC			
Installation	Recessed installation			
Accessories (Optional)	Motion sensor			
Shell Color	Silver (RAL9022) , other RAL colors available on request			
Lumen Maintenance	> 75,000 hours-L <sub>70</sub> at 25 °C			
Certifications	CE, ROHS, IOS9001, ISO14001, LM80			
Packaging Type	1 unit /ctn.			

**DIMENSION DATA**



Number of Modules	1	2	3	4
"L" Length	231 mm 9.1"	304 mm 12.0"	377 mm 14.8"	450 mm 17.7"
Weight	2.4 kg 5.3 lbs.	3.6 kg 8.0 lbs.	4.4 kg 9.7 lbs.	5.4 kg 11.9 lbs.
Hole Size	202 x285 mm 8.0 x11.2"	275 x285 mm 10.8 x11.2"	348 x285 mm 13.7 x11.2"	421 x285 mm 16.6 x11.2"

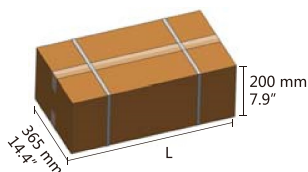
\*Ceiling Thickness: 10 - 25 mm /0.4 - 1.0 inches

**LUMEN MAINTENANCE**

Ambient Temperature	TM-21 Lumen Maintenance (54,000 Hours)	Theoretical L70 (Hours)
25 °C	78.05%	82,000
40 °C	78.99%	79,000
50 °C	78.49%	75,000

\*Visit "http://zqsm-china.com/product/Lighting/category/street-lights/series-h2" for TM-21 Report

**PACKAGING DATA**



Number of Modules	1	2	3	4
"L" Length	280 mm 11.0"	355 mm 14.0"	425 mm 16.7"	505 mm 19.9"
Weight	3.1 kg 6.8 lbs.	4.4 kg 9.7 lbs.	5.2 kg 11.5 lbs.	6.3 kg 13.9 lbs.

IP66 / IK10 Rated    CE / ROHS    IOS9001, ISO14001



QUALITY YOU CAN TRUST



*Dimming*

*Dimming functions are supported by optional*

† *Three in One (1-10V DC or PWM Signal or Resistance)*

† *Output constant current level can be adjusted through out put cable by connecting a resistance or 1 ~ 10Vdc or 10V PWM signal between DIM+ and DIM-.*

† *Please DO NOT connect "DIM-" to "-V".*

† *Reference resistance value for output current adjustment (Typical)*

Resistance value	10KΩ	20KΩ	30KΩ	40KΩ	50KΩ	60KΩ	70KΩ	80KΩ	90KΩ	100KΩ	OPEN
Percentage of rated current	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	95% ~ 108%

† *1-10V dimming function for output current adjustment (Typical)*

Dimming value	1V	2V	3V	4V	5V	6V	7V	8V	9V	10V	OPEN
Percentage of rated current	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	95% ~ 108%

† *10V PWM signal for output current adjustment (Typical): Frequency range: 100Hz ~ 3KHz*

Resistance value	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	OPEN
Percentage of rated current	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	95% ~ 108%

*Time Control Dimming*

*Time control dimming function is supported by optional - Contact luxilum for Details*

# GABRA LUXILUM



**AFTER-SALE SERVICE**

Technologies Luxilum, S.L warrants this LUXILUM-branded hardware product against defects in materials and workmanship under normal use for a period of TEN (10) YEARS from the date of purchase. LUXILUM provides free repair or replacement within warranty period. LUXILUM shall charge against defeats by abnormal storage, usage, connection or the structure or any components of the product.

\*Damage by thunder stroke over 4KV(L,N against FG) /2KV(L against N) will not covered by warranty based on IEC61000-4-5.

QUALITY YOU CAN TRUST

