



DESCRIPTIONS

The Greenlux is engineered with specific optical systems designed for tennis courts and sporting applications. Due to the recessed optics, ULOR, light spill and glare is substantially lowered which is essential for players when low lighting columns are used and for achieving low obtrusive light. The system features 95% optical material, which goes through a linear diffusion process to stretch the virtual image of the diode.

This added range increases the width of the light pattern at a greater distance compared to optical systems, which rely on refraction principles using plastics.

KEY FEATURES

- Produces 130 lumens per System Watt of controlled illumination.
- Has an End of Life modular efficient chip upgrade solution.
- Has a beautiful, sleek and stealth shape made out of extruded aluminium.
- Can be mounted directly on to a Wall, Pole, Tennis Arm, or Davit Arm.
- 10 Degree maximum tilt available
- Light Distribution is Type Tennis Optic (TT).

APPLICATIONS

- Muga
- Indoor Tennis Court
- Tennis Courts
- Sports Fields
- Airports
- Shipping Ports
- Shipping Dock

ELECTRICAL INFORMATION			
Model No.	LXBL-300	LXBL-400 / LXBL-600	LXBL-900
Power Consumption (±5%)	300w	400w / 600w	900w
Power Supply	Inventronics		
Input Voltage	220-240VAC, 50 / 60Hz		
Power Factor	>0.96		
Surge Protection	6KV line-line, 10KV line-earth		
Driver Type	Constant Current (CC)		
Control	1-10V / DALI dimmable, Zigbee		

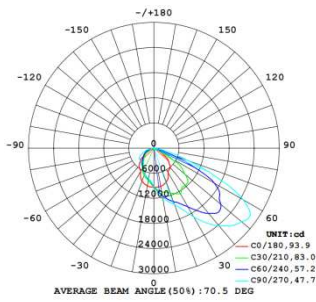
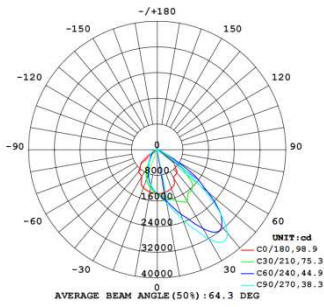
OPTIC INFORMATION			
LED Type	Lumileds 5050		
Luminous Flux (±10%)	39,000lm	52,000lm / 78,000lm	117,000lm
Efficacy (5000K Ra70)	130lm/W		
Beam Angle	3000K, 4000K, 5000K, 5700K		
Correlated Colour Temperature	Ra75/80/93		
Beam Angle	Asy P40, Asy P60		
UGR level	<30		

DIMENSIONS AND MOUNT			
Product DIMENSIONS	795*200*265mm	795*470*265mm	795*655*265mm
Luminaire Net Weight	12KG (with driver) 10KG (without driver)	21KG (with driver) 18.5KG (without driver)	29KG (with driver) 25.5KG (without driver)
Export Carton Size	820*230*300mm	820*500*300mm	820*685*300mm
Gross Weight(±0.3kg)	13.5kg	23kg	31kg
Mounting Option	Bracket / Slip Fitter / Support Arm		
Material	Aluminium Alloy, Stainless Steel PC Lens / Glass Cover		
Finish	Gavanising for brackets, visor, sand-blasting for aluminium parts, Akzo Nobel Powder Coating for All		
Fixture Colour	Green		
EPA	NA		
IK Rating	IK10		
IP Rating	IP67		

LIFESPAN AND WARRANTY	
Operating Temperature	-30°C to +45°C
Life Time of LED @Ta=25°C	54000hrs-L90
	114000hrs-L80
	182000hrs-L70
Warranty	5 Years

NEW FEATURES
<p>* Please consult us for details.</p>

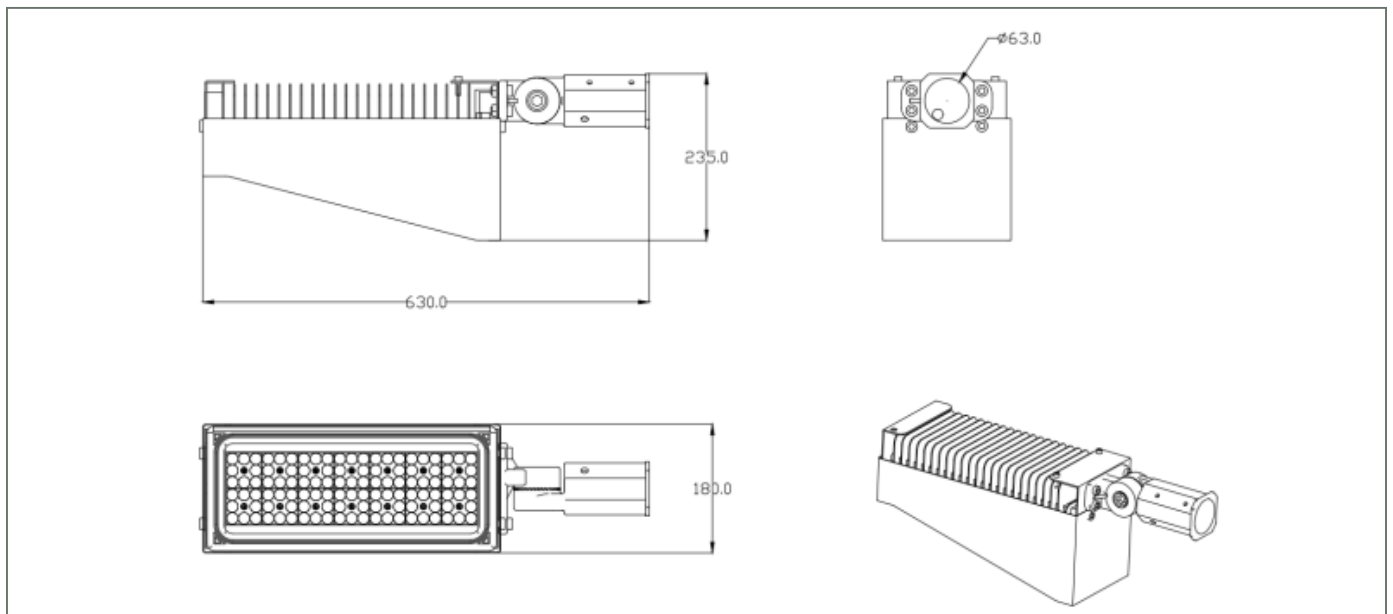
PHOTOMETRY



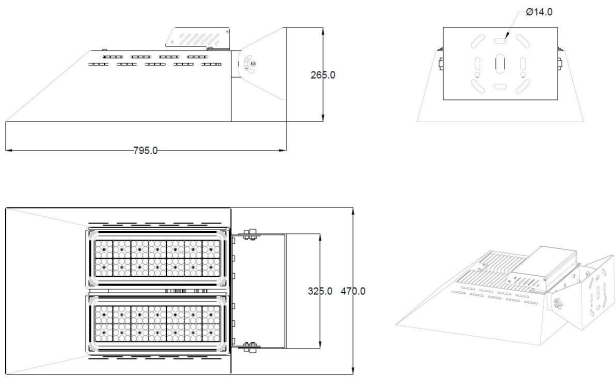
MOUNTING OPTIONS



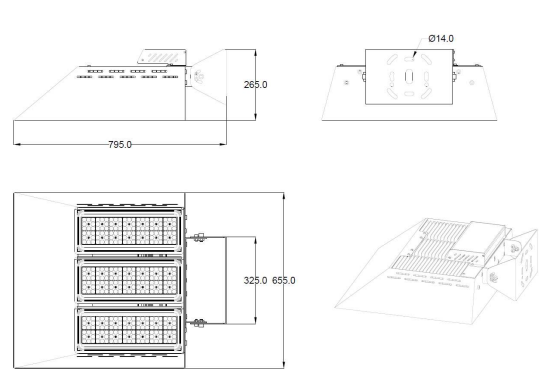
DIMENSIONS



300W



400W / 600W



900W

PRODUCT ORDERING CODES

SERIES	POWER	CCT (K)	OPTICS	CONTROL	EMERGENCY	MOUNT	ACCESSORY	FINISH
LXBL	300W	3	ASY P40	D (0-10V)		B (BRACKET)	N/A	GR (GREEN)
	400W	4	ASY P60	DA (DALI)		S (SLIP FITTER)		
	600W	5		Z (ZIGBEE)		SA (SUPPORT ARM)		
	900W	5700						

Example ordering code For 300w, 5k, ASY P40 degree, zigbee, bracket, green
 PRODUCT CODE: LXBL3005P40ZBGR
 PRODUCT NAME: