


GSL208 LED highbay light

Application

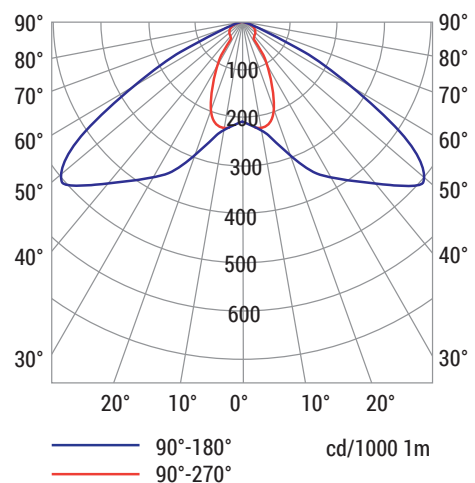
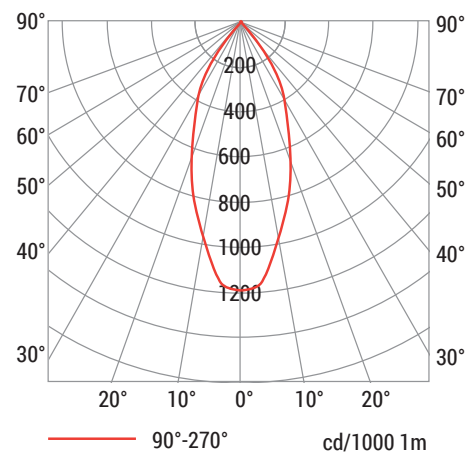
- Indoor operating and industrial area
- Warehouse
- Expressway tunnel, urban passageway
- Urban square
- Indoor and outdoor sports venues
- High-post lamps: seaports, freight yard, flyover of expressway and urban main road, oil depot, etc.



Advantages

-  high-power LED chips with 140 lm/W luminous efficiency
- Power efficiency 90-91%, power factor 0.95-0.98
- Protection IP65 for the light and IP67 for power supply
- Modular structure design for combination of power and easy maintenance
- External power supply
- Optional: Time sectional control, wireless intelligent control

Light distribution curves



Warranty and Certificates



TECHNICAL PARAMETERS	36W	75W	112W	150W	185W	225W
Total power of luminaire (W)	36	75	112	150	185	225
Input voltage (VAC)	90-305	90-305	90-305	90-305	90-305	90-305
Power efficiency	90%	90%	90%	91%	91%	91%
Power factor	0.95-0.98	0.95-0.98	0.95-0.98	0.95-0.98	0.95-0.98	0.95-0.98
Single LED isolated protection	/	/	/	/	/	/
Lightning surge protection (V)	6000	6000	6000	6000	6000	6000
Total harmonic distortion	≤10%	≤10%	≤10%	≤10%	≤10%	≤10%
Insulation class	Class I	Class I	Class I	Class I	Class I	Class I
Brand of LED chips	Bridgelux	Bridgelux	Bridgelux	Bridgelux	Bridgelux	Bridgelux
Quantity of LED chips (pcs)	30	60	90	120	150	180
Luminous efficiency (lm/W at 350mA)	140	140	140	140	140	140
Total luminous flux (lm at 350mA)	4200±5%	8400±5%	12600±5%	16800±5%	21000±5%	25200±5%
Light efficiency of luminaire (lm)	110	110	110	110	110	110
Correlated color temperature (K)	5500-6000	5500-6000	5500-6000	5500-6000	5500-6000	5500-6000
Color Rendering Index (Ra)	≥70	≥70	≥70	≥70	≥70	≥70
Beam angle (°)	60°/ 120*60°	60°/ 120*60°	60°/ 120*60°	60°/ 120*60°	60°/ 120*60°	60°/ 120*60°
Period of operational hours (h)	50,000	50,000	50,000	50,000	50,000	50,000
Time sectional dimming control	Optional	Optional	Optional	Optional	Optional	Optional
Wireless intelligent control system	Optional	Optional	Optional	Optional	Optional	Optional
Housing material	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
Optical cover material	PMMA	PMMA	PMMA	PMMA	PMMA	PMMA
Working temperature (°C)	-30~+40	-30~+40	-30~+40	-30~+40	-30~+40	-30~+40
IP protection	IP65/IP67	IP65/IP67	IP65/IP67	IP65/IP67	IP65/IP67	IP65/IP67
IK protection	IK08	IK08	IK08	IK08	IK08	IK08
Power supply	External	External	External	External	External	External
Installation	U-bracket	U-bracket	U-bracket	U-bracket	U-bracket	U-bracket
Dimensions (mm)	84*268 *153	168*268 *153	252*268 *153	336*268 *153	420*268 *153	504*268 *153
Weight (kg)	2.8	4.2	6.0	7.3	8.9	10.7

Note: Other powers can be customized.