

# GSL 286 LED street light

LIGHTING SPECIFICATIONS	GSL286-60W	GSL286-120W	GSL286-180W
Color temperature (K)	3000-6000	3000-6000	3000-6000
Color index (Ra)	75	75	75
Luminous efficiency for single led chip (lm at 350mA)	130-140	130-140	130-140
Total luminous flux (lm at 350mA)	8100 ± 5%	16200 ± 5%	24300 ± 5%
Lumen output (lm)	6300 ± 5%	12600 ± 5%	18900 ± 5%
Peak lighting angle (°)	135*60	135*60	135*60
ELECTRICAL SPECIFICATIONS			
Quantity of led chips (pcs)	60	120	180
Total power of led (W)	60	120	180
Total consumption (W)	65	132	200
Input voltage (V)	AC90-305V	AC90-305V	AC90-305V
Power supply efficiency	90-91%	90-91%	90-91%
Power supply	Built-in	Built-in	Built-in
Power factor	0.95-0.98	0.95-0.98	0.95-0.98
GENERAL SPECIFICATIONS			
Brand of led chips	Bridgelux	Bridgelux	Bridgelux
Period of operational hours (h)	50.000	50.000	50.000
Housing material	Aluminum	Aluminum	Aluminum
Optical cover material	PMMA	PMMA	PMMA
Color	Grey	Grey	Grey
Working temperature (C°)	-30~+55	-30~+55	-30~+55
IP protection	IP65/IP67	IP65/IP67	IP65/IP67
IK protection	IK08	IK08	IK08
Lightning surge protection	Yes	Yes	Yes
Dimming time control	Optional	Optional	Optional
Wireless remote control	Optional	Optional	Optional
Entrance cable (mm)	8	8	8
Installation pipe diameter (mm)	60	60	60
Dimensions (mm)	550*355*100	725*355*100	900*355*100
Weight (kg)	7.5	9.5	11.0