

GSL 240 LED street light

LIGHTING SPECIFICATIONS	GSL240-28W	GSL240-42W	GSL240-56W	GSL240-70W
Color temperature (K)	3000-6000	3000-6000	3000-6000	3000-6000
Color index (Ra)	75	75	75	75
Luminous efficiency for single led chip (lm at 350mA)	130-140	130-140	130-140	130-140
Total luminous flux (lm at 350mA)	3780 ± 5%	5670 ± 5%	7560 ± 5%	9450 ± 5%
Lumen output (lm)	2950 ± 5%	4400 ± 5%	5900 ± 5%	7350 ± 5%
Peak lighting angle (°)	135*60	135*60	135*60	135*60
ELECTRICAL SPECIFICATIONS				
Quantity of led chips (pcs)	28	42	56	70
Total power of led (W)	28	42	56	70
Total consumption (W)	31	47	63	78
Input voltage (V)	AC90-305V	AC90-305V	AC90-305V	AC90-305V
Power supply efficiency	90-91%	90-91%	90-91%	90-91%
Power supply	External	External	External	External
Power factor	0.95-0.98	0.95-0.98	0.95-0.98	0.95-0.98
GENERAL SPECIFICATIONS				
Brand of led chips	Bridgelux	Bridgelux	Bridgelux	Bridgelux
Period of operational hours (h)	50.000	50.000	50.000	50.000
Housing material	Aluminum	Aluminum	Aluminum	Aluminum
Optical cover material	Tempered glass	Tempered glass	Tempered glass	Tempered glass
Color	Silver	Silver	Silver	Silver
Working temperature (C°)	-30~+55	-30~+55	-30~+55	-30~+55
IP protection	IP65/IP67	IP65/IP67	IP65/IP67	IP65/IP67
IK protection	IK08	IK08	IK08	IK08
Lightning surge protection	Yes	Yes	Yes	Yes
Dimming time control	Optional	Optional	Optional	Optional
Wireless remote control	Optional	Optional	Optional	Optional
Entrance cable (mm)	8	8	8	8
Installation pipe diameter (mm)	60	60	60	60
Dimensions (mm)	410*313*108	410*313*108	510*313*108	510*313*108
Weight (kg)	5.6	6.3	7.2	8.7

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LIGHTING SPECIFICATIONS	GSL240-84W	GSL240-98W	GSL240-112W	GSL240-140W
Color temperature (K)	3000-6000	3000-6000	3000-6000	3000-6000
Color index (Ra)	75	75	75	75
Luminous efficiency for single led chip (lm at 350mA)	130-140	130-140	130-140	130-140
Total luminous flux (lm at 350mA)	11340 ± 5%	13230 ± 5%	14800 ± 5%	18500 ± 5%
Lumen output (lm)	8820 ± 5%	10300 ± 5%	11760 ± 5%	14700 ± 5%
Peak lighting angle (°)	135*60	135*60	135*60	135*60
ELECTRICAL SPECIFICATIONS				
Quantity of led chips (pcs)	84	98	112	140
Total power of led (W)	84	98	112	140
Total consumption (W)	94	110	126	158
Input voltage (V)	AC90-305V	AC90-305V	AC90-305V	AC90-305V
Power supply efficiency	90-91%	90-91%	90-91%	90-91%
Power supply	External	External	External	External
Power factor	0.95-0.98	0.95-0.98	0.95-0.98	0.95-0.98
GENERAL SPECIFICATIONS				
Brand of led chips	Bridgelux	Bridgelux	Bridgelux	Bridgelux
Period of operational hours (h)	50.000	50.000	50.000	50.000
Housing material	Aluminum	Aluminum	Aluminum	Aluminum
Optical cover material	Tempered glass	Tempered glass	Tempered glass	Tempered glass
Color	Silver	Silver	Silver	Silver
Working temperature (C°)	-30~+55	-30~+55	-30~+55	-30~+55
IP protection	IP65/IP67	IP65/IP67	IP65/IP67	IP65/IP67
IK protection	IK08	IK08	IK08	IK08
Lightning surge protection	Yes	Yes	Yes	Yes
Dimming time control	Optional	Optional	Optional	Optional
Wireless remote control	Optional	Optional	Optional	Optional
Entrance cable (mm)	8	8	8	8
Installation pipe diameter (mm)	60	60	60	60
Dimensions (mm)	565*313*146	565*313*146	689*313*146	689*313*146
Weight (kg)	9.6	9.6	11.2	11.2