



BATH + LIGHT

SENTINEL GATE TOP 60W

Sentinel LED Street Gate Top

Outdoor Luminaire

Product Code:

LGTP08X060XC / LGTP08X060XW

60W - 6000lm - 6500K - CRI>80 Ra - Beam Angle - Asymmetric



Technical Specifications

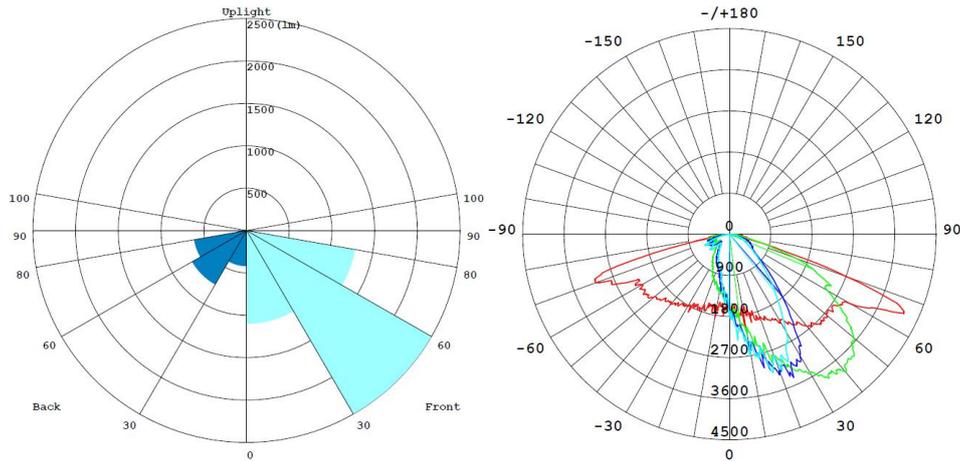
Operating Temperature	-10°C to 50°C
Rated Input Voltage & Frequency	220-240 V AC
Rated Input Wattage	60W ± 10%
Rated Input Current	0.275 Amp (Nominal)
Power Factor	>0.95
ATHD	<10%
Rated Luminous Flux	6000 lm / 5400 lm (tolerance as per BIS)
Rated Luminaire Efficacy	100 lm/W / 90 lm/W (tolerance as per BIS)
Correlated Color Temperature (CCT)	6500 K / 3000 K (tolerance as per ANSI)
Color Rendering Index (CRI)	>80 Ra
Beam Angle	Asymmetric
Driver Efficiency	≥85%
LED Life Span	>50000 Hrs (Ta=25°C @L70)
Housing	Spun Aluminium with PU Black Paint
Lens / Reflector	PC Lens and Transparent Acrylic Diffuser
Mounting	Suspended/Pendent

Protections

Over Voltage Protection	Cut Off @ 330V±5%.
Surge Protection	±5.0KV
Protection Class	Class I
Ingress Protection (IP Rating)	IP65
Short Circuit Protection	Provided
Open Circuit Protection (No Load)	Provided
Reverse Polarity Protection	Provided

All technical data is subject to industry-standard tolerances.

Light Distribution



BUG Table

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1100.3	15.9
FM - Front-Medium(30-60)	2497.9	36.1
FH - Front-High(60-80)	1290.1	18.7
FVH - Front-Very High(80-90)	79.389	1.1
Total Forward Light	4991.6	72.2

BL - Back-Low(0-30)	421.89	6.1
BM - Back-Medium(30-60)	736.14	10.6
BH - Back-High(60-80)	624.5	9.0
BVH - Back-Very High(80-90)	103.35	1.5
Total Back Light	1924.5	27.8

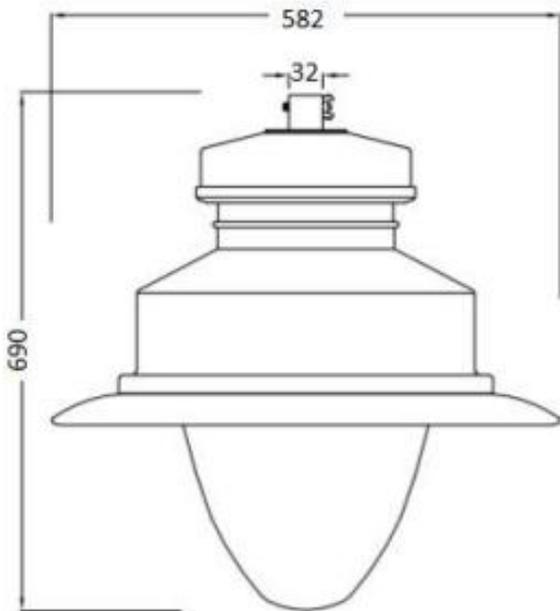
UL - Uplight-Low(90-100)	40.504	0.6
UH - Uplight-High(100-180)	22.078	0.3
Total Up Light	62.582	0.9

BUG(Back,Up,Glare) Rating	B2-U2-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	1885.9	38.652	1924.5
Street Side	4967.7	23.93	4991.6

Product Dimensions (Dia. x H), Mounting Pipe Outer Dia.

Ø582 X 690 mm (Tol.± 5mm), Ø32 mm (GI Mounting Pipe with Nut Bolt)



Applications

Residences, Offices, Hotels, Restaurants, Hospitals,
Street Lighting, Road Lighting, Campus Lighting and for other outdoor applications.