



BATH + LIGHT

PCR STREET LIGHT 36W

LED PCR STREET LIGHT

Outdoor Luminaire

Product Code:

LPCRSRT36WXC / LPCRSRT36WXN / LPCRSRT36WXW

36W - 3600lm - 6500K - CRI>70 Ra - Beam Angle - Asymmetric



Technical Specifications

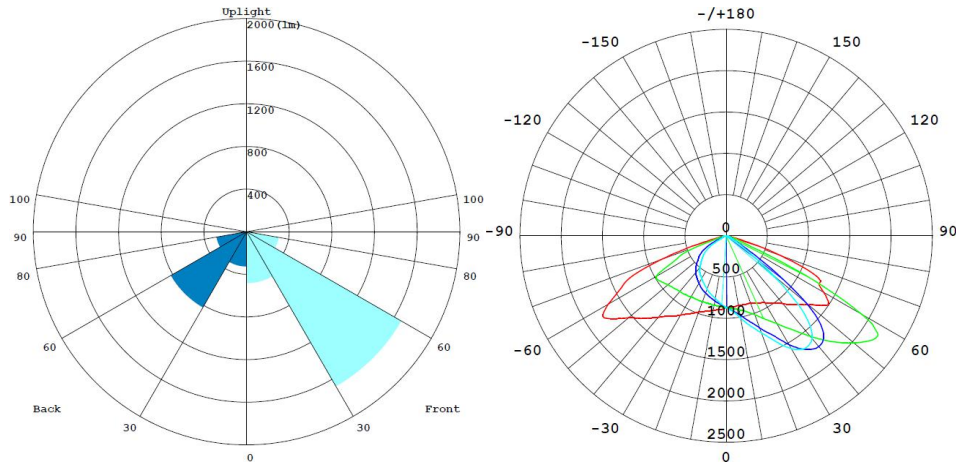
Operating Temperature	-10°C to 50°C
Rated Input Voltage & Frequency	240 VAC, 50Hz
Rated Input Wattage	36W ± 10%
Rated Input Current	0.158 Amp (Nominal)
Power Factor	≥0.95
ATHD	<10%
Rated Luminous Flux	3600 lm / 3420 lm / 3240 lm (tolerance as per BIS)
Rated Luminaire Efficacy	100 lm/W / 95 lm/W / 90 lm/W (tolerance as per BIS)
Correlated Color Temperature (CCT)	6500 K / 4000 K / 3000 K (tolerance as per ANSI)
Color Rendering Index (CRI)	>70 Ra
Beam Angle	Asymmetric
Driver Efficiency	≥85%
LED Life Span	>50000 Hrs (Ta=25°C @L70)
Housing	Aluminium Die Cast with Powder Coating
Lens / Reflector	With Lens and Toughened Glass
Mounting	Pole Mount

Protections

Over Voltage Protection	Withstand upto 440V/AC for 4 Hrs.
Surge Protection	±4.0KV (Upto 10KV with SPD)
Protection Class	Class I
Ingress Protection (IP Rating)	IP66
Impact Protection (IK Rating)	IK06
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)	482.55	12.4
FM - Front-Medium(30-60)	1675.8	42.9
FH - Front-High(60-80)	305.58	7.8
FVH - Front-Very High(80-90)	4.099	0.1
Total Forward Light	2468	63.2

BL - Back-Low(0-30)	326.95	8.4
BM - Back-Medium(30-60)	819.69	21.0
BH - Back-High(60-80)	286.87	7.3
BVH - Back-Very High(80-90)	3.8825	0.1
Total Back Light	1437.4	36.8

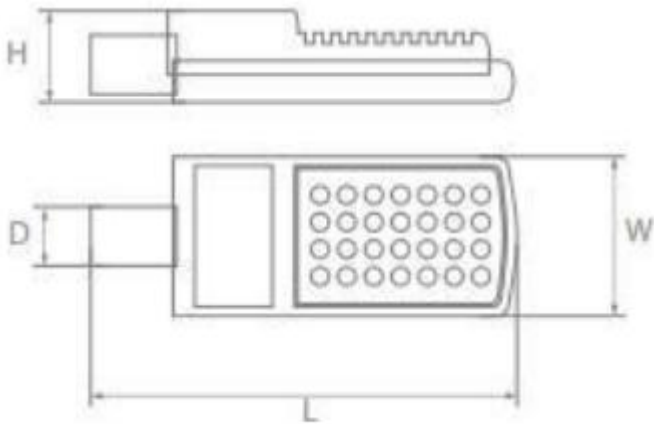
UL - Uplight-Low(90-100)	0	0.0
UH - Uplight-High(100-180)	0	0.0
Total Up Light	0	0.0

BUG(Back,Up,Glare) Rating	B1-U0-G1
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	1437.4	0	1437.4
Street Side	2468	0	2468

Product Dimensions (L x W x H)

330 X 117 X 67mm (Tol. ± 5 mm)



Applications

NH Street Lighting, Road Lighting, Campus Lighting