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SmartBright

LED Streetlight

SmartBright Street BRP13x

BRP130 70W

BRP131 100W

BRP132 140W



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SmartBright Road

Sleek, reliable and cost-efficient

- Basic LED luminaire to target non-tender road lighting segment
- Three housing size to retrofit 100W to 250W HPSV conventional luminaire.



Key Features;

- One to one replacement of conventional SON or HPL luminaire
- Replaceable 10kV surge protection device 
- 30K L70 35C Ta rated lifetime
- Around 100+lm/w luminous efficacy
- Operating temperature range - 40°C < Ta < 50°C
- Housing in dark grey (RAL7043)
- One optic option (DM)
- Light weight (max 4.2 KG)
- Fly wire for easy installation



Key Features

Fully IP66 & IK08

Polycarbonate
optical front
cover



slim, sleek and light weight design

Internal

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Key Features



10kV SPD 



ADC1 aluminum diecast housing with finless design

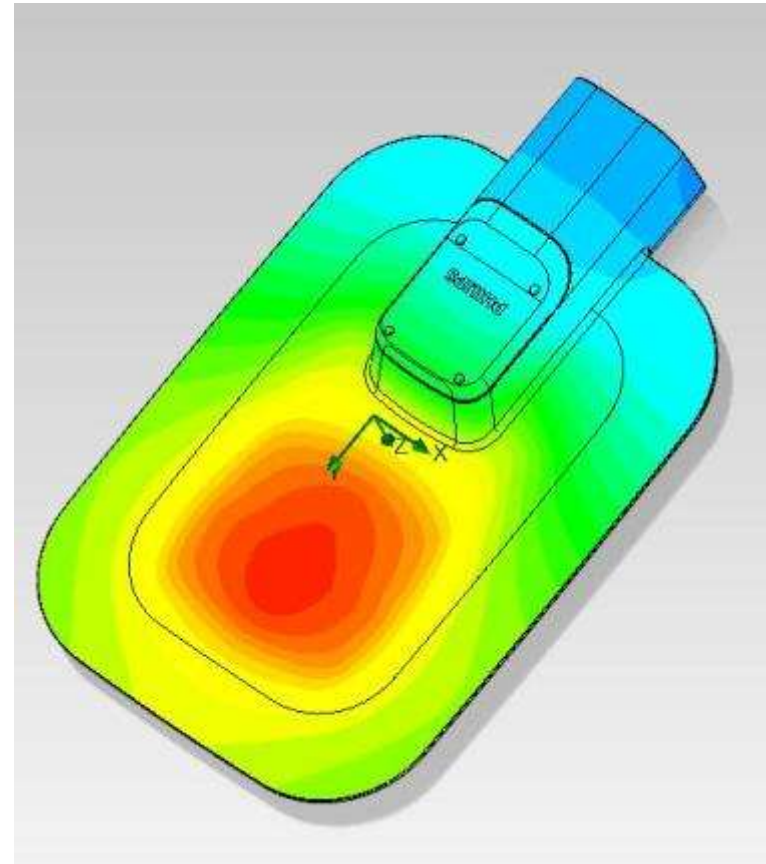
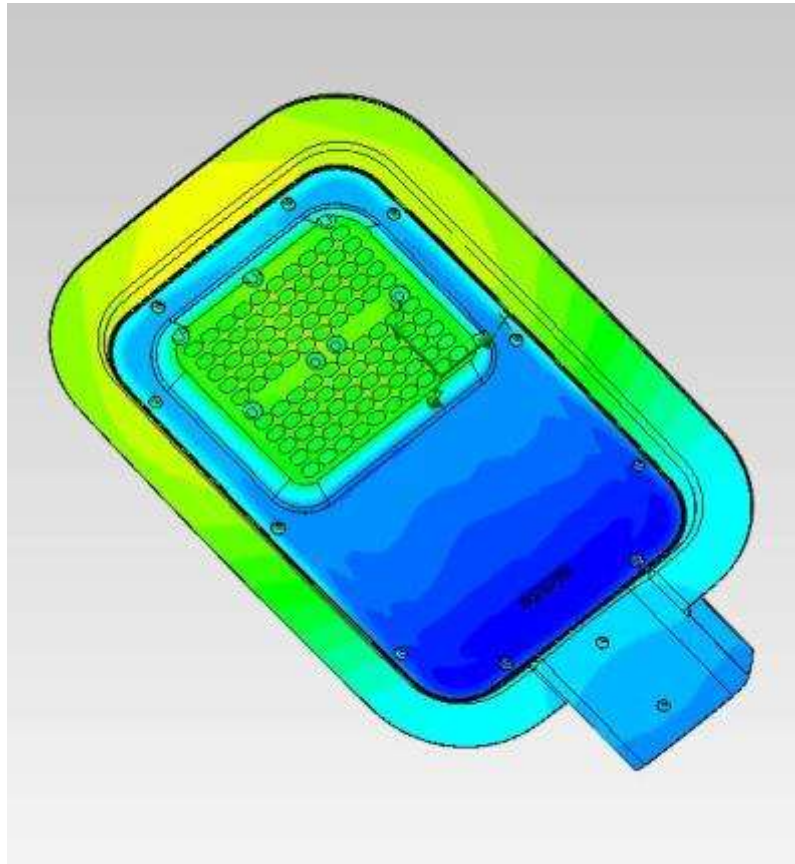
Internal

42-60mm spigot

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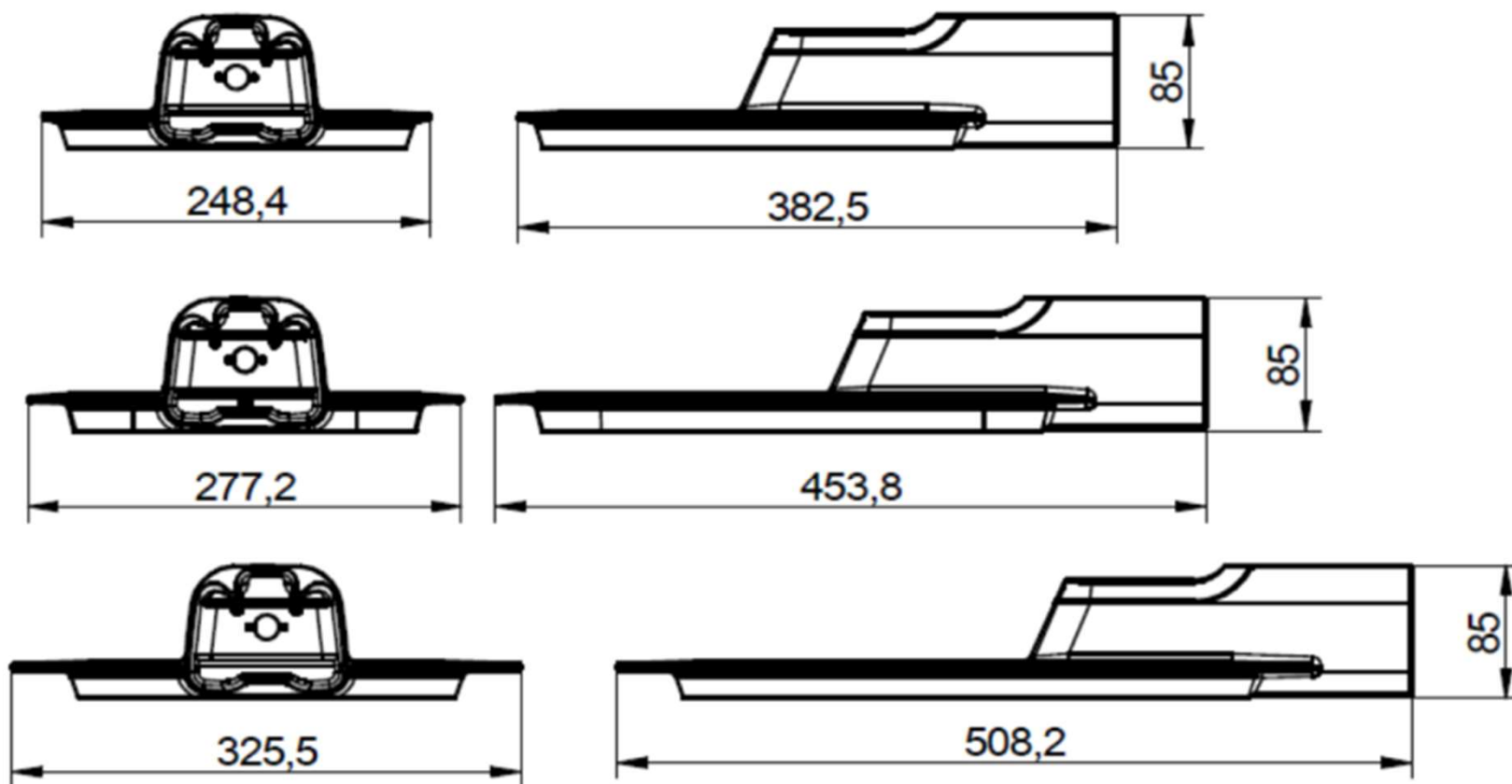
Wide operating temperature range

$$-40^{\circ}\text{C} < T_a < 50^{\circ}\text{C}$$



Dimension

Type	Weight(kg)	L×W×H(mm)	Wind force area(m ²)
BRPI30	2.6	382.5×248.4×85	0.08
BRPI31	3.2	453.8×277.2×85	0.11
BRPI32	4	508.2×325.5×85	0.14



Internal

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Specifications

Target Specification		SmartBright Road		
System	Flux packages (lm)	6650 - 7000	9500-10000	13300-15000
	CCT/color	4000K	4000K	4000K
	CRI	70 (typ.)	70 (typ.)	70 (typ.)
	System efficiency(typical)	100+ lm/W Typical	100+ lm/W Typical	100+ lm/W Typical
	System wattage	70W	100W	140W
	CCT option if any	3000K/5700K	3000K/5700K	3000K/5700K
	SDCM	6	6	6
Optics	Target light distribution	DM	DM	DM
	Lens	PC	PC	PC
Electrical	Input voltage	220-240V,50/60hz,	220-240V,50/60hz,	220-240V,50/60hz,
	Power Factor	0.9	0.9	0.9
	surge protection	Replaceable 10KV	Replaceable 10KV	Replaceable 10KV
	Interface to main	fly wire	fly wire	fly wire
	Connection (push-in, quick disconnect...) if any to specify	NA	NA	NA
	Serviceability Electrical	SPD	SPD	SPD
	Specify components require toolless replacement	None	None	None
Lifetime	Driver life time	follow luminaire lifetime requirement	follow luminaire lifetime requirement	follow luminaire lifetime requirement
	Luminaire life time	30k hours L70B50 @35C Ta outdoor	30k hours L70B50 @35C Ta outdoor	30k hours L70B50 @35C Ta outdoor
	Warranty	3 years	3 years	3 years
Environment	Operating temperature	- 40°C < Ta< 50°C	- 40°C < Ta< 50°C	- 40°C < Ta< 50°C
	IP	IP66	IP66	IP66
	IK	IK08	IK08	IK08
	Salty spray	500 hours	500 hours	500 hours
Mechanical	Mounting	Side entry (42~60mm)	Side entry (42~60mm)	Side entry (42~60mm)
	Tilt angle	NA	NA	NA
	Material &finishing	Aluminum / Dark grey color	Aluminum / Dark grey color	Aluminum / Dark grey color
	Look & feel	Refer to product image	Refer to product image	Refer to product image
Approbation / Norms	Min. approbation	CB/CQC/As/NZS 60598/CE	CB/CQC/As/NZS 60598/CE	CB/CQC/As/NZS 60598/CE
	Sustainability (RoHS, REACH, E*...)	RoHS/REACH	RoHS/REACH	RoHS/REACH
Package information	Industrial package or color package; how many pcs in one box	Color package with GS1 barcode complied	Color package with GS1 barcode complied	Color package with GS1 barcode complied

Configuration



12nc	Product Description	Barcode/ EAN1	Voltage	Frequency	Ta	Class	IP	IK	Color
911401635404	BRP130 LED70/NW 70W 220-240V DM GM	8710163319353	220-240	50/60	35	I	66	8	RAL7043
911401635504	BRP130 LED70/WW 70W 220-240V DM GM	8710163319360	220-240	50/60	35	I	66	8	RAL7043
911401635604	BRP130 LED70/CW 70W 220-240V DM GM	8710163319377	220-240	50/60	35	I	66	8	RAL7043
911401697004	BRP131 LED100/CW 100W 220-240V DM GM	8710163322018	220-240	50/60	35	I	66	8	RAL7043
911401697104	BRP131 LED100/WW 100W 220-240V DM GM	8710163321998	220-240	50/60	35	I	66	8	RAL7043
911401697404	BRP131 LED100/NW 100W 220-240V DM GM	8710163322001	220-240	50/60	35	I	66	8	RAL7043
911401635704	BRP132 LED140/WW 140W 220-240V DM GM	8710163319384	220-240	50/60	35	I	66	8	RAL7043
911401636104	BRP132 LED140/NW 140W 220-240V DM GM	8710163319391	220-240	50/60	35	I	66	8	RAL7043
911401635904	BRP132 LED140/CW 140W 220-240V DM GM	8710163319407	220-240	50/60	35	I	66	8	RAL7043