

# **SATURN**

Street Light, Floodlight, and  
Tunnel luminaire



**Primax**

# SATURN

**SATURN** street/ floodlight and tunnel luminaire is Megalite state of the art design suitable for street, floodlight, and tunnel lighting applications. Well-controlled light distribution with appropriate choice of lenses, high pressure die-cast aluminum body, and high ingress protection (IP66) are among the highlights of this luminaire.

**SATURN** is designed and manufactured under Megalite precise quality control in accordance with European norms: IEC 60598 and IEC 62722-2-1.

## Application

Suitable for streets, highways, tunnel lighting, and floodlight applications where aesthetics, durability, and directed light distribution are required.

## Technical Data

### Body:

- Gray powder coated sturdy high pressure die-cast aluminum body
- Galvanized steel bracket for mounting the luminaire on the middle cable trays of tunnels (M313MT...)
- Galvanized steel bracket for mounting the luminaire on the corner cable trays of tunnels (M313CT...)
- Sturdy steel handle with dacromet coated screws and graduated 5-degree scales for well controlled angle adjustment and reliable safety (M313U...)
- Dacromet coated exterior screws and galvanized interior screws
- High quality specially designed gasket with durability against heat and pressure
- Ingress protection: IP66

### Light distribution:

- Clear polycarbonate lens with 95% efficacy
- Color temperature 3000K & 4000K & 5000K
- CRI > 70

### Diffuser:

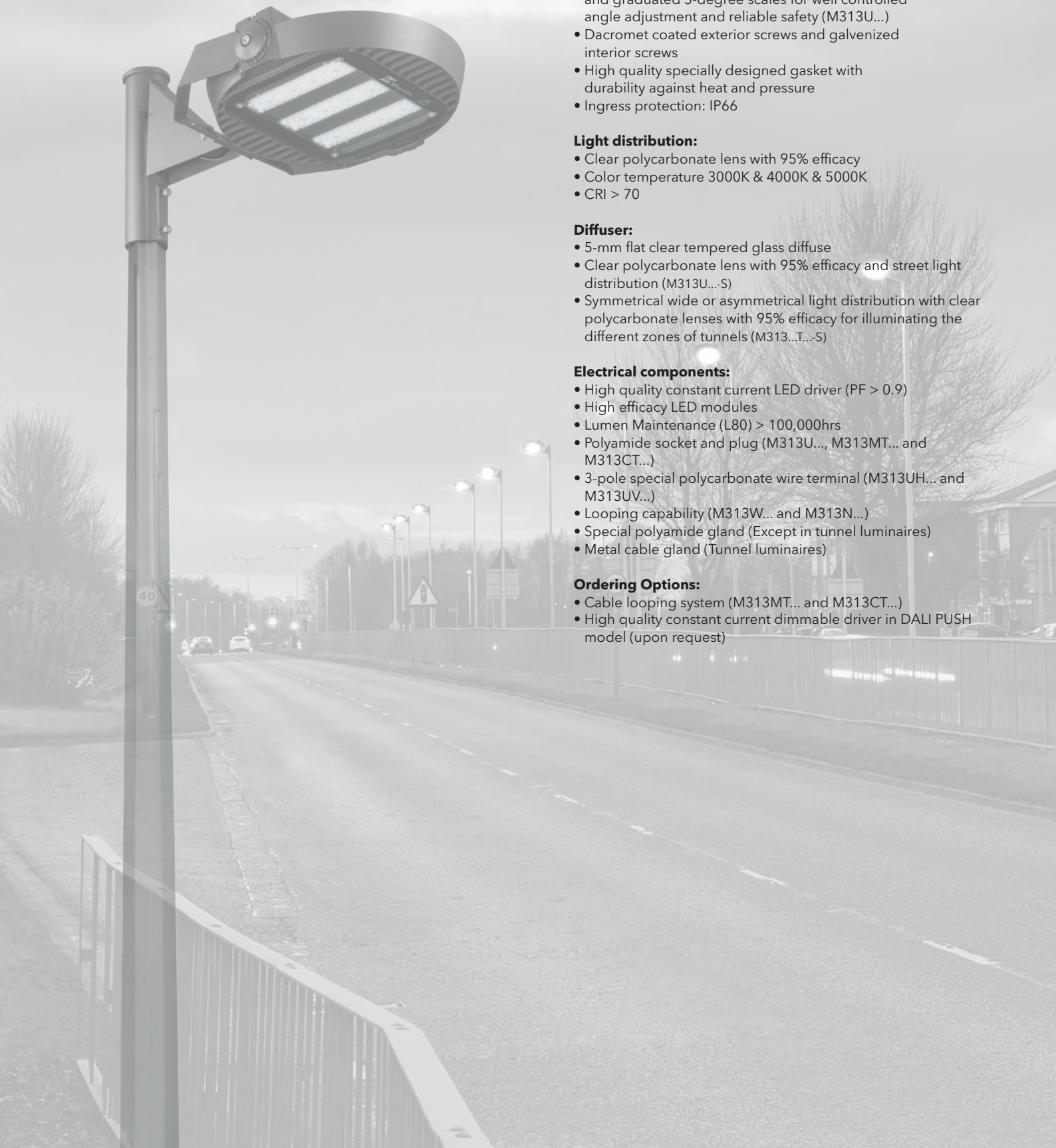
- 5-mm flat clear tempered glass diffuse
- Clear polycarbonate lens with 95% efficacy and street light distribution (M313U...S)
- Symmetrical wide or asymmetrical light distribution with clear polycarbonate lenses with 95% efficacy for illuminating the different zones of tunnels (M313...T...S)

### Electrical components:

- High quality constant current LED driver (PF > 0.9)
- High efficacy LED modules
- Lumen Maintenance (L80) > 100,000hrs
- Polyamide socket and plug (M313U..., M313MT... and M313CT...)
- 3-pole special polycarbonate wire terminal (M313UH... and M313UV...)
- Looping capability (M313W... and M313N...)
- Special polyamide gland (Except in tunnel luminaires)
- Metal cable gland (Tunnel luminaires)

### Ordering Options:

- Cable looping system (M313MT... and M313CT...)
- High quality constant current dimmable driver in DALI PUSH model (upon request)



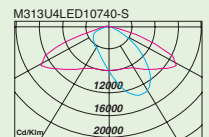
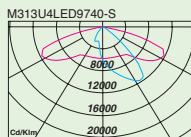
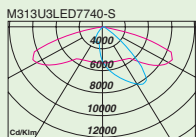
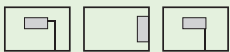
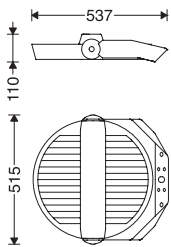


M313U4LED9...-S  
M313U4LED10...-S



M313U3LED7...-S

Cat. No.	Power Consumption (W)	Luminance Flux (lm)	Efficacy (lm/W)	Color Temperature (k)	W (kg)
M313U3LED7730-S	150	21000	140	3000	9.0
M313U3LED7740-S	150	22000	147	4000	9.0
M313U3LED7765-S	150	22000	147	6500	9.0
M313U4LED9730-S	200	28000	140	3000	9.0
M313U4LED9740-S	200	30000	150	4000	9.0
M313U4LED9765-S	200	30000	150	6500	9.0
M313U4LED10730-S	240	32000	133	3000	9.2
M313U4LED10740-S	240	35000	146	4000	9.2
M313U4LED10765-S	240	35000	146	6500	9.2



Bubble level feature to precisely align luminaire with horizontal plane

# SATURN Street Light

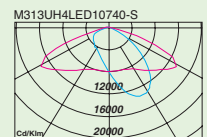
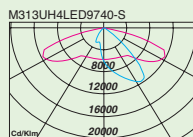
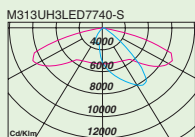
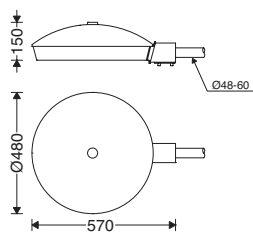


M313UH4LED9...-S  
M313UH4LED10...-S



M313UH3LED7...-S

Cat. No.	Power Consumption (W)	Luminance Flux (lm)	Efficacy (lm/W)	Color Temperature (k)	W (kg)
M313UH3LED7730-S	150	21000	140	3000	8.6
M313UH3LED7740-S	150	22000	147	4000	8.6
M313UH3LED7765-S	150	22000	147	6500	8.6
M313UH4LED9730-S	200	28000	140	3000	8.8
M313UH4LED9740-S	200	30000	150	4000	8.8
M313UH4LED9765-S	200	30000	150	6500	8.8
M313UH4LED10730-S	240	32000	133	3000	8.8
M313UH4LED10740-S	240	35000	146	4000	8.8
M313UH4LED10765-S	240	35000	146	6500	8.8



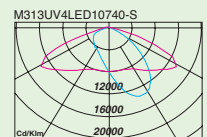
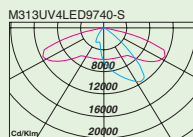
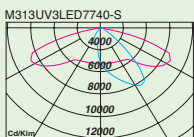
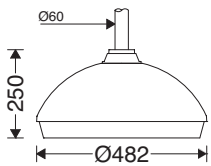


M313UV4LED9...S  
M313UV4LED10...S



M313UV3LED7...S

Cat. No.	Power Consumption (W)	Luminance Flux (lm)	Efficacy (lm/W)	Color Temperature (k)	W (kg)
M313UV3LED7730-S	150	21000	140	3000	8.8
M313UV3LED7740-S	150	22000	147	4000	8.8
M313UV3LED7765-S	150	22000	147	6500	8.8
M313UV4LED9730-S	200	28000	140	3000	9.0
M313UV4LED9740-S	200	30000	150	4000	9.0
M313UV4LED9765-S	200	30000	150	6500	9.0
M313UV4LED10730-S	240	32000	133	3000	9.0
M313UV4LED10740-S	240	35000	146	4000	9.0
M313UV4LED10765-S	240	35000	146	6500	9.0



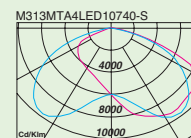
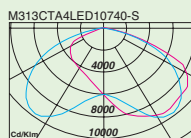
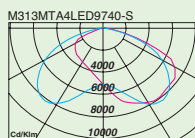
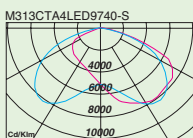
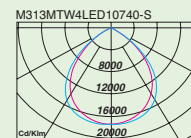
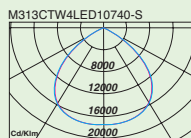
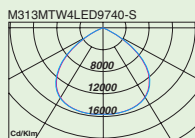
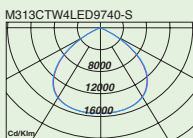
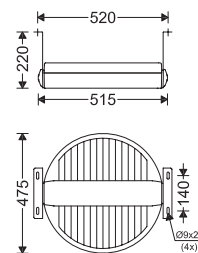
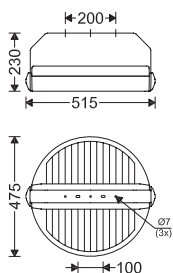


M313CT...4LED9...-S  
M313CT...4LED10...-S



M313MT...4LED9...-S  
M313MT...4LED10...-S

Cat. No.	Power Consumption (W)	Luminance Flux (lm)	Efficacy (lm/W)	Color Temperature (k)	W (kg)
M313MTA4LED9740-S	200	28000	140	4000	8.3
M313MTW4LED9740-S	200	32000	160	4000	8.3
M313CTA4LED9740-S	200	28000	140	4000	8.0
M313CTW4LED9740-S	200	32000	160	4000	8.0
M313MTA4LED10740-S	240	32000	133	4000	8.3
M313MTW4LED10740-S	240	36000	150	4000	8.3
M313CTA4LED10740-S	240	32000	133	4000	8.0
M313CTW4LED10740-S	240	36000	150	4000	8.0

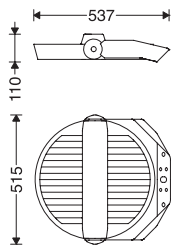


# SATURN Floodlight



M313N4LED...-S  
M313W4LED...-S

Cat. No.	Power Consumption (W)	Luminance Flux (lm)	Efficacy (lm/W)	Color Temperature (k)	W (kg)
M313N4LED9730-S	200	29000	145	3000	9.2
M313N4LED9740-S	200	31000	155	4000	9.0
M313N4LED9765-S	200	31000	155	6500	9.0
M313W4LED9730-S	200	30000	150	3000	9.2
M313W4LED9740-S	200	32000	160	4000	9.0
M313W4LED9765-S	200	32000	160	6500	9.0
M313N4LED10730-S	240	33000	138	3000	9.2
M313N4LED10740-S	240	36000	150	4000	9.2
M313N4LED10765-S	240	36000	150	6500	9.2
M313W4LED10730-S	240	34000	142	3000	9.2
M313W4LED10740-S	240	36000	150	4000	9.2
M313W4LED10765-S	240	36000	150	6500	9.2



GPTV2C-Bracket

2-way (180°) mounting bracket with the connection parts

## Mounting Symbols



Horizontal pole mounting



Surface mounting



Vertical pole top mounting



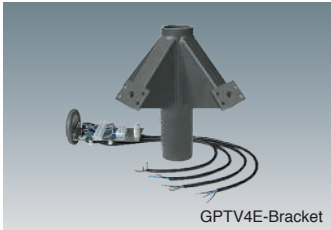
Wall mounting



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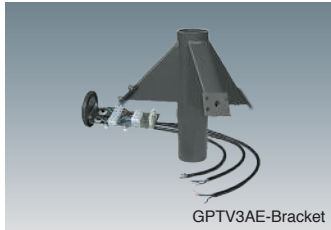
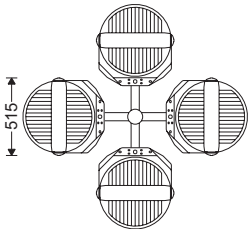
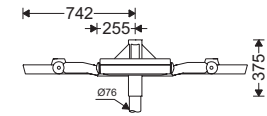






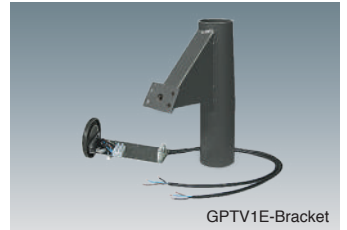
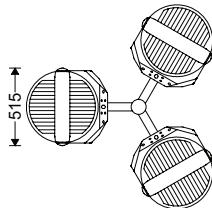
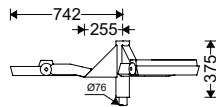
GPTV4E-Bracket

4-way (90°) mounting bracket with the connection parts



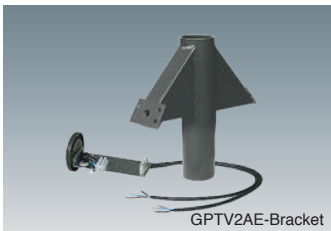
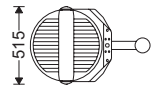
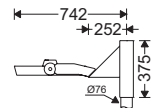
GPTV3AE-Bracket

3-way (120°) mounting bracket with the connection parts



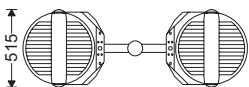
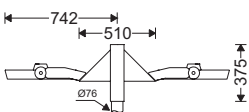
GPTV1E-Bracket

1-way mounting bracket with the connection parts



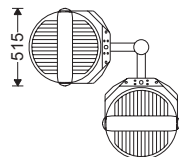
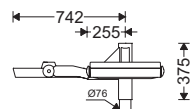
GPTV2AE-Bracket

2-way (180°) mounting bracket with the connection parts



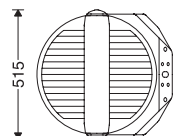
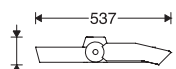
GPTV2BE-Bracket

2-way (90°) mounting bracket with the connection parts



GPDS5- Bracket  
GPDS6- Bracket

Pole mounting aluminium brackets for mounting on poles with 5 or 6 diameters







**Megalite**

**Crafted for Brilliance**

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