

Saturn 13

Industrial and Building Lighting



TECHNICAL DESCRIPTION

- FuturePROOF > All components can be replaced independently
- Ready for connection and easy to install and maintain
- Easy integration into existing pole-mounted systems
- Lightweight and low wind load
- Large light-emitting surface and extremely high light output
- Maximum efficiency of all system components—LongLIFE
- Various light distributions available
- Optical cover made of safety glass
- Vibration-resistant
- ThermoProtect system to protect LEDs from overheating
- L80 service life: 60,000–100,000 hours
- 10 kA surge protection
- Optional: Wireless control extension

Saturn 13	D4i	Basic E1	Light E2
Power consumption	1040W	100-1040W	100-1040W
Luminous flux	158k lm	158k lm	158k lm
System performance	151lm/W	151lm/W	151lm/W
Power control options Dimming			
manually via 10-step coding switch		•	•
Phase controlled night-time light reducing (half-night switch, 230VAC) Dimming manually via 10-step coding switch			•
AstroDimm - programmable dimming levels (optional)	•	•	•
1-10V Interface	•		
DALI Interface			
Light color			
3000 K warmwhite	•	•	•
4000 K neutralwhite	•	•	•
5000 K coolwhite	•	•	•
Application - Light Distribution			
01: Light distribution symmetrical 88°	•	•	•
02: Light distribution symmetrical 54°	•	•	•
03: Light distribution symmetrical 42°	•	•	•
04: Light distribution symmetrical 29°	•	•	•

BRAUN Lighting Solutions e. K. is a participant in the export initiative "Energie Effizienz – made in Germany", initiated by the Federal Ministry for the Economy and Technology. Due to the complexity of the many possible combinations of drivers and LED modules, the values shown for technical LED parameters, including performance parameters, are typical. Actual values of specific products in specific configurations may vary from these typical values. The information and diagrams contained in this document do not constitute an offer or contractual obligation. Product parameters may change as a result of technical innovation and will be undertaken without prior notice. Our manufacturing conforms to DIN EN and VDE regulations; the product conforms to European EMC regulations.

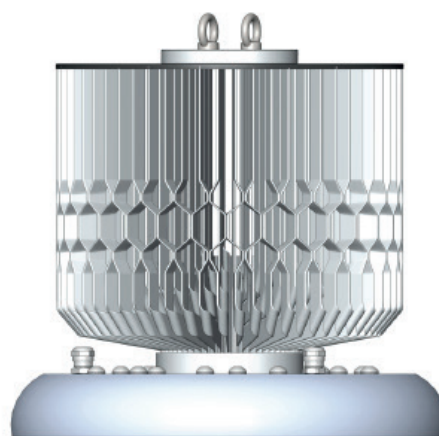
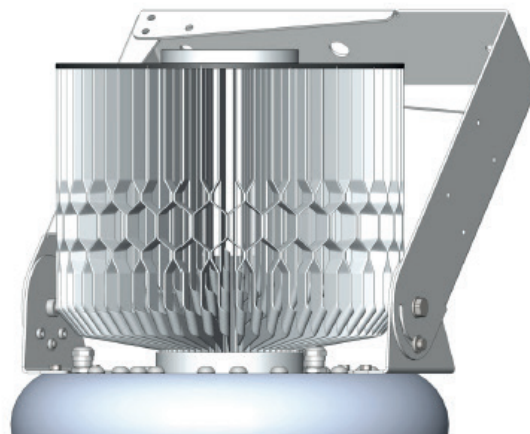
BRAUN Lighting Solutions e.K.
Nunsdorfer Ring 2-10
12277 Berlin
Germany

www.braun.lighting
info@braun-lighting.com
+49 (0)30 7 007 763 100
+49 (0)30 7 007 763 101



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Saturn 13	
Power consumption	1040 watts
Light colour	3000 K 4000 K 5000 K
Luminous flux	158000 lm at 5000 K
Switching function	Eco (on/off) Basic E1 Light E2
LED-control gear	IP67 ENEC TÜV CE DALI 0-10 1-10V (Dim-to-off)
Permissible operating voltage	100-240V AC, 50/60Hz
Permissible ambient temperature	-40°C up to 50°C
Degree of protection Protection class	IP64 SKI
Optical cover	Safety glass
Mounting bracket V01.1 stainless steel	Adjustment range: 90° (45° forward/backward) Center distance: 320 mm (2x Ø12 mm Cable hole Ø2)
Mounting bracket V01.2 stainless steel	Adjustment range 0–45°, stroke length: 320 mm (2x Ø12 mm cable hole Ø20)
Fastening for chain suspension V02.1/V02.2	V02.1: built-in power supply / V02.2: external power supply
Light-Emitting Surface High-Performance Heat Sink	Ø379 mm Ø330 mm
Height Weight (V01.1/V01.2) Weight (V02.1/V02.2)	370 mm ca. 21,5 kg ca. 17,5 kg

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