

# Saturn 7

## 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 7                                                                                                             | D4i     | Basic E1 | Light E2 |
|----------------------------------------------------------------------------------------------------------------------|---------|----------|----------|
| Power consumption                                                                                                    | 1-560W  | 60-560W  | 60-560W  |
| Luminous flux                                                                                                        | 85k lm  | 85k lm   | 85k lm   |
| System performance                                                                                                   | 151lm/W | 151lm/W  | 151lm/W  |
| <b>Power control options   Dimming</b>                                                                               |         |          |          |
| manually via 10-step coding switch                                                                                   |         | •        | •        |
| Phase controlled night-time light reducing (half-night switch, 230VAC)<br>Dimming manually via 10-step coding switch |         |          | •        |
| AstroDimm - programmable dimming levels (optional)                                                                   | •       | •        | •        |
| 1-10V Interface                                                                                                      | •       |          |          |
| DALI Interface                                                                                                       |         |          |          |
| <b>Light color</b>                                                                                                   |         |          |          |
| 3000 K warmwhite                                                                                                     | •       | •        | •        |
| 4000 K neutralwhite                                                                                                  | •       | •        | •        |
| 5000 K coolwhite                                                                                                     | •       | •        | •        |
| <b>Application - Light Distribution</b>                                                                              |         |          |          |
| 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.

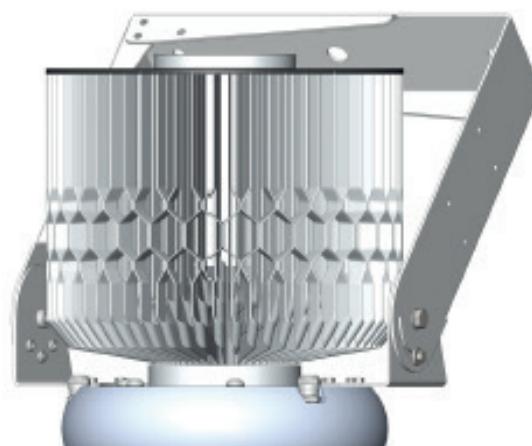
BRAUN Lighting Solutions e.K.  
Nunsdorfer Ring 2-10  
12277 Berlin  
Germany

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 7                                             |                                                                                                  |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| Power consumption                                    | 560 watts                                                                                        |
| Light colour                                         | 3000 K   4000 K   5000 K                                                                         |
| Luminous flux                                        | 85000 lm up to 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  | Ø255 mm   Ø330 mm                                                                                |
| Height   Weight (V01.1/V01.2)   Weight (V02.1/V02.2) | 370 mm   ca. 14,5 kg   ca. 11 kg                                                                 |

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