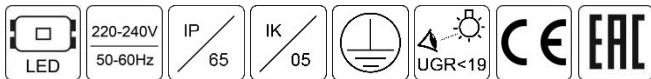


# ARCTIC R LED

## Product Group: Waterproof and Cleanroom Luminaires



**Description:** A recessed IP65 LED cleanroom luminaire with double parabolic reflector provides an ideal solution for pharmaceutical, medical or other sterile areas  
 Louver: double parabolic, UGR<19 glare protection  
 Diffuser: clear acrylic, UV stable, chemically resistant  
 Body: steel sheet, white finish  
 The frame is fitted into the body with four stainless steel screws to provide reliable IP protection

**General data:** Mains voltage: 220-240V, 50-60Hz  
 Power factor: >0,95  
 Light source: LED  
 Light source included: Yes  
 Light distribution type: Direct  
 LED lifetime, h: 75000/L80B50  
 Operating temperature range, °C: ta -10...+35 (0...+35°C emergency version)  
 Protection class IEC: I  
 Ingress protection code: IP65  
 Mechanical impact resistance: IK05  
 EEC: A++

**Installation:** Fits 15-24mm exposed T-Bar and/or plasterboard ceiling. When the luminaire is fitted into a plasterboard ceiling, it is recommended to use support brackets (to be ordered separately). Push-in terminal, 3x2x2.5mm2

**Environment:** Indoor

**Application:** Healthcare, laboratory, industry

Product	Length, mm	Width, mm	Height, mm	Luminaire output*, lm	System power*, W	System efficacy*, lm/W	CRI	CCT*, K	Weight, kg
Arctic R LED2x1750 D835 T830	595	595	60	3327	28,9	115	80+	3000	4,00
Arctic R LED3x1550 D836 T830	595	595	60	4436	38,6	115	80+	3000	4,10
Arctic R LED3x1650 D837 T830	595	595	60	4912	42,7	115	80+	3000	4,10
Arctic R LED1x2400 D838 T830	1195	295	60	2311	19,1	121	80+	3000	4,00
Arctic R LED1x3450 D839 T830	1195	295	60	3327	28,9	115	80+	3000	4,00
Arctic R LED2x1750 D835 T840	595	595	60	3430	28,9	119	80+	4000	4,00
Arctic R LED3x1550 D836 T840	595	595	60	4573	38,6	119	80+	4000	4,10
Arctic R LED3x1650 D837 T840	595	595	60	4912	42,7	115	80+	4000	4,10
Arctic R LED1x2400 D838 T840	1195	295	60	2382	19,1	125	80+	3000	4,00
Arctic R LED1x3450 D839 T840	1195	295	60	3430	28,9	119	80+	4000	4,00

\* tolerance range for optical and electrical data: ±10%. Values apply to an ambient temperature of 25°C

**Available options:**

- SDIM Driver with switch-control dimming
- DALI Driver with DALI interface
- EM3 Emergency version 3 hours
- EM3B Emergency version 3 hours (best available technology)
- EM3A Emergency version equipped with an autonomous testing system, 3 hours
- EM3D Emergency version 3 hours with DALI interface
- 5TB 5-pole terminal block in middle of luminaire for easy through wiring
- 1G Strain relief for power supply cable
- SB Support brackets for installation into a plasterboard ceiling
- W625 Designed for the German market to fit 625x625 suspended ceiling (subject to minimum quantity)
- WID Wide beam reflector
- T830 Colour temperature 3000K, CRI 80+
- T840 Colour temperature 4000K, CRI 80+

