

### HERMETIC R LED

#### Waterproof and Cleanroom Luminaires



**Description:** Recessed mounted cleanroom LED luminaire  
 Light distribution type: direct  
 Optical system: opal acrylic diffuser, good chemical resistance  
 Housing: steel  
 Colour: white (RAL9003)

**General data:** Mains voltage: 220-240V, 0/50-60Hz  
 LED lifetime, h: 75000/L80B50  
 SDCM: 3  
 Protection class IEC: I  
 Ingress protection code: IP65  
 Mechanical impact resistance: IK05  
 Operating temperature range, °C: ta -10...+35

**Installation:** In modular suspended ceilings (600/625), in ceilings with cut-out openings (mounting 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* (Ra)	CCT*, K	Weight, kg
Hermetic R LED3x1100 D149 T830 OP LT80	595	595	85	3151	25,9	122	80+	3000	4,5
Hermetic R LED3x1500 D150 T830 OP LT80	595	595	85	4110	32,2	127	80+	3000	4,5
Hermetic R LED4x1100 D151 T830 OP LT80	595	595	85	4202	33,8	124	80+	3000	4,5
Hermetic R LED4x1500 D152 T830 OP LT80	595	595	85	5480	42,5	129	80+	3000	4,5
Hermetic R LED1x3800 D163 T830 OP LT80	595	595	75	3886	32,5	120	80+	3000	4,4
Hermetic R LED1x4400 D164 T830 OP LT80	595	595	75	4490	38,4	117	80+	3000	4,4
Hermetic R LED1x6000 D165 T830 OP LT80	595	595	75	6207	56,6	110	80+	3000	4,4
Hermetic R LED2x2200 D153 T830 OP LT80	1195	295	85	4202	33,8	124	80+	3000	4,5
Hermetic R LED2x3000 D154 T830 OP LT80	1195	295	85	5822	48,5	120	80+	3000	4,5
Hermetic R LED2x4300 D155 T830 OP LT80	1195	295	85	8733	68,3	128	80+	3000	4,5
Hermetic R LED3x2200 D156 T830 OP LT80	1195	595	85	6303	49,4	127	80+	3000	9,0
Hermetic R LED3x3000 D157 T830 OP LT80	1195	595	85	8778	72	122	80+	3000	9,0
Hermetic R LED4x2200 D158 T830 OP LT80	1195	595	85	8404	65,4	128	80+	3000	9,0
Hermetic R LED4x3000 D159 T830 OP LT80	1195	595	85	11644	94,9	123	80+	3000	9,0
Hermetic R LED2x2700 D160 T830 OP LT80	1495	295	85	5253	41,8	126	80+	3000	6,0
Hermetic R LED2x3800 D161 T830 OP LT80	1495	295	85	7277	60	121	80+	3000	6,0
Hermetic R LED2x5500 D162 T830 OP LT80	1495	295	85	10917	89	123	80+	3000	6,0
Hermetic R LED3x1100 D149 T840 OP LT80	595	595	85	3322	25,9	128	80+	4000	4,5
Hermetic R LED3x1500 D150 T840 OP LT80	595	595	85	4332	32,4	134	80+	4000	4,5
Hermetic R LED4x1100 D151 T840 OP LT80	595	595	85	4429	33,8	131	80+	4000	4,5
Hermetic R LED4x1500 D152 T840 OP LT80	595	595	85	5776	42,8	135	80+	4000	4,5
Hermetic R LED1x3800 D163 T840 OP LT80	595	595	75	4060	32,5	125	80+	4000	4,4
Hermetic R LED1x4400 D164 T840 OP LT80	595	595	75	4691	38,4	122	80+	4000	4,4

Product	Length, mm	Width, mm	Height, mm	Luminaire output*, lm	System power*, W	System efficacy*, lm/W	CRI* (Ra)	CCT*, K	Weight, kg
Hermetic R LED1x6000 D165 T840 OP LT80	595	595	75	6485	56,6	115	80+	4000	4,4
Hermetic R LED2x2200 D153 T840 OP LT80	1195	295	85	4429	33,8	131	80+	4000	4,5
Hermetic R LED2x3000 D154 T840 OP LT80	1195	295	85	6137	48,5	127	80+	4000	4,5
Hermetic R LED2x4300 D155 T840 OP LT80	1195	295	85	9205	72	128	80+	4000	4,5
Hermetic R LED3x2200 D156 T840 OP LT80	1195	595	85	6644	49,6	134	80+	4000	9,0
Hermetic R LED3x3000 D157 T840 OP LT80	1195	595	85	9205	72	128	80+	4000	9,0
Hermetic R LED4x2200 D158 T840 OP LT80	1195	595	85	8858	65,4	135	80+	4000	9,0
Hermetic R LED4x3000 D159 T840 OP LT80	1195	595	85	12273	94,9	129	80+	4000	9,0
Hermetic R LED2x2700 D160 T840 OP LT80	1495	295	85	5537	41,8	133	80+	4000	6,0
Hermetic R LED2x3800 D161 T840 OP LT80	1495	295	85	7671	60	128	80+	4000	6,0
Hermetic R LED2x5500 D162 T840 OP LT80	1495	295	85	11506	89	129	80+	4000	6,0

\*Tolerance range for optical and electrical data:  $\pm 10\%$ . Values apply to an ambient temperature of 25°C. NORTHCLIFFE LIGHTING is constantly developing and improving its products. The right is reserved to change any product specifications without prior notification

#### Available options:

T830	Colour temperature 3000K, CRI 80+	EM3D	Emergency version 3 hours with DALI interface
T840	Colour temperature 4000K, CRI 80+	*note - Operating temperature range for Luminaires with EM option, C: ta 0...+35	
DALI	Driver with DALI interface and switch-control dimming	5TB	5-pole terminal block in middle of luminaire for easy through wiring
EM3	Emergency version 3 hours	SB	Support brackets for installation into a plasterboard ceiling
EM3B	Emergency version 3 hours (best available technology)		
EM3A	Emergency version equipped with an autonomous testing system, 3 hours		

