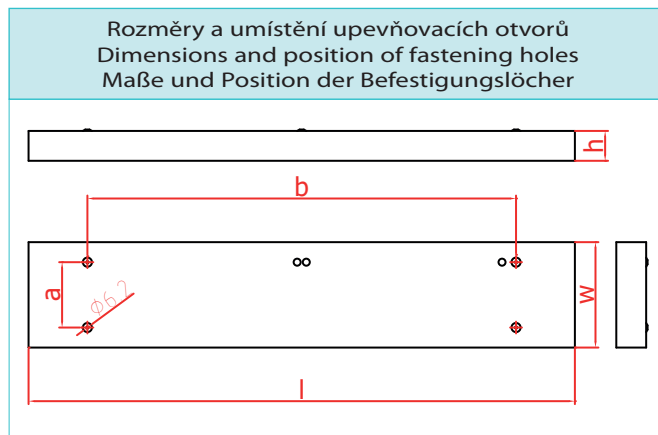
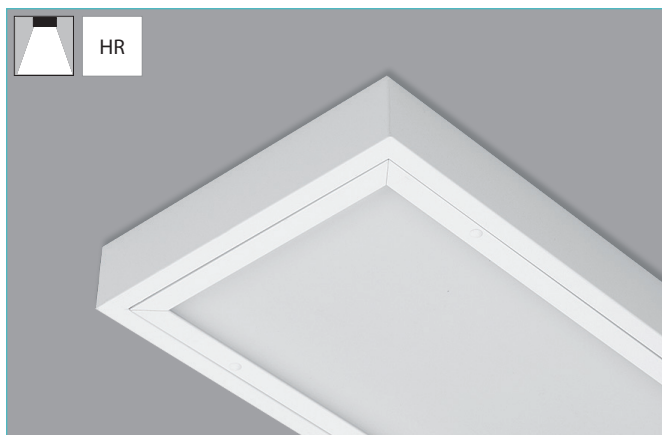


CLEAN HR

Standart pro čisté prostory / Clean room standard / Reinraum Standard

230 V 50 Hz	CRI 90+	CRI 80+	IP54	IP65	t _a 25 °C	EVG	EVG DIMM	EMERGENCY	TW	CE	21	RAL 9003	standard	RAL 9006	na přání on request			
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Svítidla jsou svou konstrukcí předurčena do čistých prostor, tedy do prostor s vysokými bezpečnostními nároky, jako jsou např. (operačních sálů, JIP, výroba léků, farmaceutické společnosti, nemocnice, výrobce elektronických součástek atd.) Svítidla jsou určena pro montáž na strop.

Při výrobě používáme kvalitní komponenty od renomovaných výrobců jako jsou OSRAM, Samsung a Helvar. Plášť svítidla je vyroben z ocelového plechu tl. 0,5 mm.

Barevné provedení: standardní odstín bílá RAL 9003 (jiné na dotaz).

Všechna svítidla je možno vyrobit ve stmívatelném provedení, popř. doplnit o nouzový zdroj.

Luminaires are by their design predetermined to clean rooms, that is to say with high rooms safety claims such as (operating theaters, ICU, drug manufacturing, pharmaceutical companies, hospitals, electronic component manufacturers, etc.)

Luminaires are designed for ceiling mounting.

We use quality components in our production from reputable manufacturers such as OSRAM, Samsung and Helvar.

The lamp housing is made of steel plate th. 0,5 mm
 Color: standard white RAL 9003 (other on request).

All luminaires can be made in dimmable design, or as required. add emergency source.

Leuchten sind konstruktionsbedingt vorbestimmt saubere zimmer, also mit hohen zimmern Sicherheitsansprüche wie (Operations-säle, Intensivstation, Arzneimittelherstellung, Pharmaunternehmen, Krankenhäuser, Hersteller von elektronischen Bauteilen usw.) Das Lampengehäuse besteht aus Stahlplatte th. 0,5 mm.

Leuchten sind für die Deckenmontage ausgelegt. Wir verwenden Qualitätskomponenten in unserer Produktion von namhaften Herstellern wie OSRAM, Samsung und Helvar.

Farbe: Standardweiß RAL 9003 (andere auf Anfrage).


Alle Leuchten können dimmbar ausgeführt oder mit einer Notlichtquelle ausgestattet werden.

Luminaire Opal opal diffuser	Luminaire Glass opal diffuser glass	Luminaire Glass-MK microprisma glass	Luminaire Glass-MK-LASER microprisma LASER glass	Luminaire LOS+SKLO glass	Luminaire Mikro microprisma
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	Na přání nabízíme možnost Tunable White (DALI type 8)/ On request we offer Tunable White (DALI type 8)
	TW - možnost plynulé změny teploty chromatičnosti (barvy) světla od 2700 do 6500 K (zlepšení pozornosti a charakteru prostředí) TW-possibility of continuous color temperature change from 2700 to 6500 K (improves attention and character of the environment)

IP	IP54 - standard
	IP65 - na přání / on request / auf Anfrage

Doba životnosti LED: 50.000h L90B20 - 100.000 h L80B50	Lifetime LED: 50.000h L90B20 - 100.000 h L80B50
Typ zdroje: LED MacAdam 3 step	Source type: LED MacAdam 3 step
Doba životnosti driveru 100.000 h @ t _c < 65 °C	Lifetime of driver 100.000 h @ t _c < 65 °C
Teplota chromatičnosti (K): 2700, 3000, 4000, 5700, 6500	CCT (K): 2700, 3000, 4000, 5700, 6500
Index podání barev: 80-89, 90-100	CRI: 80-89, 90-100
NZ - nouzové osvětlení: +NZ	NZ - emergency lighting: +NZ
Stmívání možno DALI nebo 1-10V: +DimDALI nebo +Dim1-10V	Dimming available DALI or 1-10V: +DimDALI or +Dim1-10V
Napájecí napětí 198..264 AC/ 176..280 DC	Voltage range 198..264 AC/ 176..280 DC

HR - Přisazená/ Surface mounted												
Ra > 80, 4000 K, IP54				IP65		na přání on request		Ra > 90, 4000 K				
Typ Type		Light output	Výkon Power			Light output		Výkon Power		Rozměry Size	Position of mounting holes	
Opal												
ZCLED4G17L840/HR300-OPAL-IP54		1995	17	ZCLED4G17L940/HR300-OPAL-IP54		1696	17	300x705x60	200x475	7		
ZCLED4G39Q840/HR595-OPAL-IP54		4655	39	ZCLED4G39Q940/HR595-OPAL-IP54		3957	39	595x595x60	498x475	9		
ZCLED4G54Q840/HR595-OPAL-IP54		6270	54	ZCLED4G54Q940/HR595-OPAL-IP54		5330	54	300x1245x60	200x760	9		
ZCLED4G39L840/HR300-OPAL-IP54		4655	39	ZCLED4G39L940/HR300-OPAL-IP54		3957	39					
ZCLED4G54L840/HR300-OPAL-IP54		6270	54	ZCLED4G54L940/HR300-OPAL-IP54		5330	54	595x1265x60	498x760	17		
ZCLED4G79L840/HR595-OPAL-IP54		9310	79	ZCLED4G79L940/HR595-OPAL-IP54		7914	79					
ZCLED4G113L840/HR595-OPAL-IP54		13205	113	ZCLED4G113L940/HR595-OPAL-IP54		11224	113	300x1545x60	200x1120	10		
ZCLED4G49L840/HR300-OPAL-IP54		5795	49	ZCLED4G49L940/HR300-OPAL-IP54		4926	49					
ZCLED4G99L840/HR300-OPAL-IP54		10925	99	ZCLED4G99L940/HR300-OPAL-IP54		9286	99					
Security Glass + Opal												
ZCLED4G17L840/HR300-GLASS-IP54		1855	17	ZCLED4G17L940/HR300-GLASS-IP54		1577	17	300x705x60	200x475	7		
ZCLED4G39Q840/HR595-GLASS-IP54		4329	39	ZCLED4G39Q940/HR595-GLASS-IP54		3680	39	595x595x60	498x475	9		
ZCLED4G54Q840/HR595-GLASS-IP54		5831	54	ZCLED4G54Q940/HR595-GLASS-IP54		4956	54	300x1245x60	200x760	9		
ZCLED4G39L840/HR300-GLASS-IP54		4329	39	ZCLED4G39L940/HR300-GLASS-IP54		3680	39					
ZCLED4G54L840/HR300-GLASS-IP54		5831	54	ZCLED4G54L940/HR300-GLASS-IP54		4956	54	595x1265x60	498x760	17		
ZCLED4G79L840/HR595-GLASS-IP54		8658	79	ZCLED4G79L940/HR595-GLASS-IP54		7360	79					
ZCLED4G113L840/HR595-GLASS-IP54		12281	113	ZCLED4G113L940/HR595-GLASS-IP54		10439	113	300x1545x60	200x1120	10		
ZCLED4G49L840/HR300-GLASS-IP54		5389	49	ZCLED4G49L940/HR300-GLASS-IP54		4581	49					
ZCLED4G99L840/HR300-GLASS-IP54		10160	99	ZCLED4G99L940/HR300-GLASS-IP54		8636	99					
Security Glass + Mikro UGR <19												
ZCLED4G17L840/HR300-GLASS-MK-IP54		1815	17	ZCLED4G17L940/HR300-GLASS-MK-IP54		1543	17	300x705x60	200x475	7		
ZCLED4G39Q840/HR595-GLASS-MK-IP54		4236	39	ZCLED4G39Q940/HR595-GLASS-MK-IP54		3601	39	595x595x60	498x475	9		
ZCLED4G54Q840/HR595-GLASS-MK-IP54		5706	54	ZCLED4G54Q940/HR595-GLASS-MK-IP54		4850	54	300x1245x60	200x760	9		
ZCLED4G39L840/HR300-GLASS-MK-IP54		4236	39	ZCLED4G39L940/HR300-GLASS-MK-IP54		3601	39					
ZCLED4G54L840/HR300-GLASS-MK-IP54		5706	54	ZCLED4G54L940/HR300-GLASS-MK-IP54		4850	54	595x1265x60	498x760	17		
ZCLED4G79L840/HR595-GLASS-MK-IP54		8472	79	ZCLED4G79L940/HR595-GLASS-MK-IP54		7201	79					
ZCLED4G113L840/HR595-GLASS-MK-IP54		12017	113	ZCLED4G113L940/HR595-GLASS-MK-IP54		10214	113	300x1545x60	200x1120	10		
ZCLED4G49L840/HR300-GLASS-MK-IP54		5273	49	ZCLED4G49L940/HR300-GLASS-MK-IP54		4482	49					
ZCLED4G99L840/HR300-GLASS-MK-IP54		9942	99	ZCLED4G99L940/HR300-GLASS-MK-IP54		8450	99					
Laser Glass + Mikro UGR <19												
ZCLED4G17L840/HR300-GLASS-MK-LASER-IP54		1716	17	ZCLED4G17L940/HR300-GLASS-MK-LASER-IP54		1458	17	300x705x60	200x475	7		
ZCLED4G39Q840/HR595-GLASS-MK-LASER-IP54		4003	39	ZCLED4G39Q940/HR595-GLASS-MK-LASER-IP54		3403	39	595x595x60	498x475	9		
ZCLED4G54Q840/HR595-GLASS-MK-LASER-IP54		5392	54	ZCLED4G54Q940/HR595-GLASS-MK-LASER-IP54		4583	54	300x1245x60	200x760	9		
ZCLED4G39L840/HR300-GLASS-MK-LASER-IP54		4003	39	ZCLED4G39L940/HR300-GLASS-MK-LASER-IP54		3403	39					
ZCLED4G54L840/HR300-GLASS-MK-LASER-IP54		5392	54	ZCLED4G54L940/HR300-GLASS-MK-LASER-IP54		4583	54	595x1265x60	498x760	17		
ZCLED4G79L840/HR595-GLASS-MK-LASER-IP54		8007	79	ZCLED4G79L940/HR595-GLASS-MK-LASER-IP54		6806	79					
ZCLED4G113L840/HR595-GLASS-MK-LASER-IP54		11356	113	ZCLED4G113L940/HR595-GLASS-MK-LASER-IP54		9653	113	300x1545x60	200x1120	10		
ZCLED4G49L840/HR300-GLASS-MK-LASER-IP54		4984	49	ZCLED4G49L940/HR300-GLASS-MK-LASER-IP54		4236	49					
ZCLED4G99L840/HR300-GLASS-MK-LASER-IP54		9396	99	ZCLED4G99L940/HR300-GLASS-MK-LASER-IP54		7986	99					
LOS + Glass												
ZCLED4G2-15L840/HR-LOS+SKLO-IP54		1655	15	ZCLED4G2-15L940/HR-LOS+SKLO-IP54		1401	15	310x635x60	210x445	6		
ZCLED4G4-38Q840/HR-LOS+SKLO-IP54		4190	38	ZCLED4G4-38Q940/HR-LOS+SKLO-IP54		3562	38	635x635x60	505x445	11		
ZCLED4G4-57Q840/HR-LOS+SKLO-IP54		6035	57	ZCLED4G4-57Q940/HR-LOS+SKLO-IP54		5130	57	310x1235x60	210x760	11		
ZCLED4G2-38L840/HR-LOS+SKLO-IP54		4190	38	ZCLED4G2-38L940/HR-LOS+SKLO-IP54		3562	38					
ZCLED4G2-57L840/HR-LOS+SKLO-IP54		6035	57	ZCLED4G2-57L940/HR-LOS+SKLO-IP54		5130	57	635x1235x60	505x104	19		
ZCLED4G2-55L840/HR-LOS+SKLO-IP54		5990	55	ZCLED4G2-55L940/HR-LOS+SKLO-IP54		5092	55					
ZCLED4G2-75L840/HR-LOS+SKLO-IP54		7940	75	ZCLED4G2-75L940/HR-LOS+SKLO-IP54		6749	75	310x1535x60	210x1220	13		
ZCLED4G4-78L840/HR-LOS+SKLO-IP54		8570	78	ZCLED4G4-78L940/HR-LOS+SKLO-IP54		7285	78					
ZCLED4G4-98L840/HR-LOS+SKLO-IP54		10480	98	ZCLED4G4-98L940/HR-LOS+SKLO-IP54		8908	98					
Mikro												
ZCLED4G17L840/HR300-MIKRO-IP54		1935	17	ZCLED4G17L940/HR300-MIKRO-IP54		1645	17	300x705x60	200x475	7		
ZCLED4G39Q840/HR595-MIKRO-IP54		4515	39	ZCLED4G39Q940/HR595-MIKRO-IP54		3838	39	595x595x60	498x475	9		
ZCLED4G54Q840/HR595-MIKRO-IP54		6082	54	ZCLED4G54Q940/HR595-MIKRO-IP54		5170	54	300x1245x60	200x760	9		
ZCLED4G39L840/HR300-MIKRO-IP54		4515	39	ZCLED4G39L940/HR300-MIKRO-IP54		3838	39					
ZCLED4G54L840/HR300-MIKRO-IP54		6082	54	ZCLED4G54L940/HR300-MIKRO-IP54		5170	54	595x1265x60	498x760	17		
ZCLED4G79L840/HR595-MIKRO-IP54		9031	79	ZCLED4G79L940/HR595-MIKRO-IP54		7676	79					
ZCLED4G113L840/HR595-MIKRO-IP54		12809	113	ZCLED4G113L940/HR595-MIKRO-IP54		10888	113	300x1545x60	200x1120	10		
ZCLED4G49L840/HR300-MIKRO-IP54		5621	49	ZCLED4G49L940/HR300-MIKRO-IP54		4778	49					
ZCLED4G99L840/HR300-MIKRO-IP54		10597	99	ZCLED4G99L940/HR300-MIKRO-IP54		9008	99					

Uvedené údaje mohou být během platnosti tohoto katalogu bez upozornění změněny. Odchyłka světelného toku a příkonu +/- 10 % není důvodem k reklamaci.
These data may change without notice during the validity of this catalog. Deviation of light flux and power +/- 10 % is not a reason for complaint.