

SBL 13WB E - SILVER

- high efficacy level
- uniform light distribution
- no glare - UGR < 9
- very high UF figures - perfect beam control

DESCRIPTION : Libus® wide beam ceiling luminaire *high-efficiency configuration* with five subgroups of varied optics and efficacy levels, each in 13 different sizes, meeting main lighting standards and *efficacy - recyclability - lamp replacement* requirements of *ecodesign*. Suitable for recessing in T24 600 x 600 and 625 x 625 mm grid ceilings as well as plaster & clip-in system ceilings and pendant, surface & 90° - 270° axis rotatable rail track mounting. Excellent *low glare levels (UGR < 9)* coupled with precise light distribution control through SBL system, ensuring conveyance of average 88 - 97% of the generated light to target working plane, make **LIBUS SBL13WB E-SILVER** luminaire family an optimal composition for *energy efficiency, visual comfort and optical performance*.

ITEM	UNDERLAY	IP	LOR %	UGR	EFFICACY lm/w (25W)	ST. POWER OPTIONS		
						DIPswitch		
LES BL	blank	20	86,8	8,14	137,1	3.8	11	20
LES CT	clear PC-pm	40	85,5	8,69	135,1	5.0	15	25
LEP BL	blank	20	86,8	8,14	147,5	6.3	19	27
LEP CT	clear PC-pm	40	85,5	8,69	145,3	7.6	21	30
LEP MC	micro-prism	40	84,3	8,86	139,4	w	w	w
						a	a	a
						t	t	t

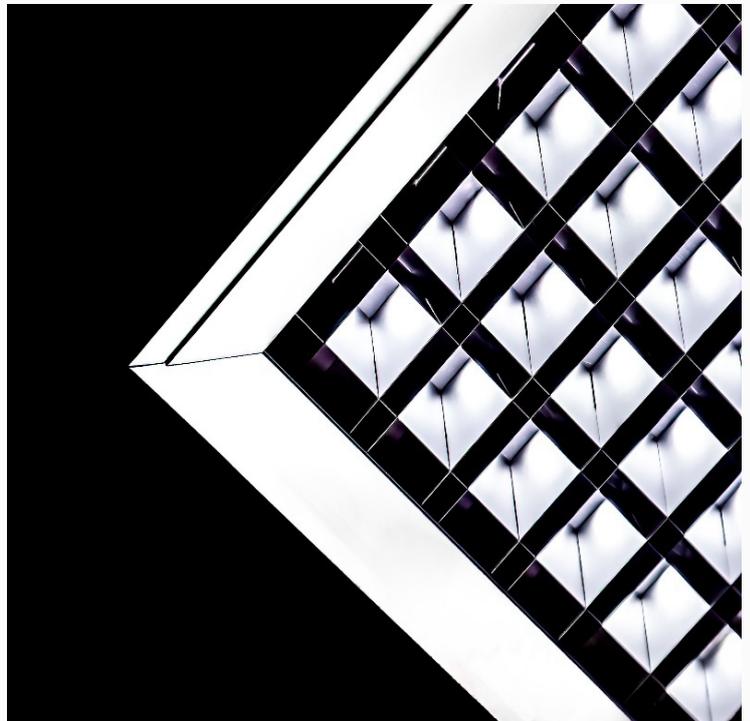
* given indicative **average** values belong to 25w versions

photometric data : PDF - IES - LDT

power control standard : 3 - 8 | 11 - 21 | 21 - 30W DIPswitch
optional : DALI - tunable white - HCL - remote dimming

body / housing standard : aluminum 10 µm anodized satin silver
optional : bronze - black | brushed - mirror & painted

mounting options : T24 | pendant | plaster | surface | rail track



APPLICATIONS :

- offices
- conference halls
- health care
- shop & retail
- education
- lowbay commercial areas
- technical working areas
- assembly lines
- ancillary areas
 - entrance areas
 - stairways
 - corridors
- museum & galleries

SBL 13WB E-SILVER LUMINAIRE PROPERTIES *		LES BL	LES CT	LEP BL	LEP CT	LEP MC
given performance values are based on 25w power versions / 4h x 8h room index / 70 - 50 - 20 room cavity reflectances detail performance values are available luminaire individual data sheets						
OPTICAL	luminous flux - lumens	3291	3242	3565	3512	3371
	glare level - UGR (4Hx8H - R:70-50-20)	7.2	7.9	7.7	8.4	9.1
	luminaire L.O.R.	86,8%	85,5%	86,8%	85,5%	84,3%
	efficacy - lm/w	137	135	148	145	139
	light beam spread	2 x 40.6° - 81.2°	2 x 41.1° - 82.2°	2 x 40.6° - 81.2°	2 x 41.1° - 82.2°	2 x 32,6° - 65.2°
	initial chromaticity	3-steps MacAdam				
	CRI - color rendering index	standard : > 80 - optional : > 90				
	CCT - light color temperature	2700 - 3000 - 4000 - 5000 - 6500K				
ELECTRICAL	power control	standard : CE flickerfree PF>0,95-98 Eff.>0,86-89 MTBF:25 °C >50.000hr. DIPswitch optional : DALI - tunable white - HCL - remote dimming - WF & BT control				
	output	ripple current (100 Hz)	PSTLM		SVM	
		< 5 %	≤1		≤0.4	
	system power	3 standard options	3 - 8W nominal	11 - 21W nominal	21 - 30W nominal	
			90 / 120 / 150 / 180 mA	250 / 350 / 450 / 500 mA	500 / 600 / 650 / 700 mA	
	input voltage	220 - 240V				
	input frequency	50 / 60 Hz				
connection	push-in connector and pull relief					
HOUSING & MECHANICAL	housing material	10 µm anodized aluminum				
	housing finish & colors	standard : silver (naturel) satin anodized optional : anodized mirror - brushed - other colors painted				
	luminaire weight (1x13 - 60x60 BL)	3.16 kgs				see luminaire weight dimension & power options data sheet for other sizes
	luminaire dimensions (1x13)	595x595x33 mm 620x620x33 mm				
MISCELLANEOUS	ambient temperature range	-10 to +50 °C				
	performance ambient temp.	25°C				
	mean rated service life L80B10 (tq25°C)	> 50,000 hours				
	mounting options	T24 600 x 600 T24 625 x 625 clip-in ceiling surface mount pendant plaster ceiling rail track				

* : Due to material properties and processing condition tolerances, photometric data may vary in different production batches within EU directive.