

## SBL 13WB E - WHITE

- high efficacy level
- exceptionally uniform light distribution
- low glare - UGR < 15
- high UF figures

**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 600x600 and 625x625 mm grid ceilings as well as plaster & clip-in system ceilings and pendant, surface & 90° - 270° axis rotatable rail track mounting. *Low glare levels (UGR <15)* coupled with precise light distribution control through SBL system, ensuring average conveyance of ± 85% of the generated light to target working plane, make **LIBUS SBL13WB E-WHITE** luminaire family an optimal composition for *energy efficiency, comfort and performance*.

ITEM	UNDERLAY	IP	LOR %	UGR	EFFICACY lm/w (25w)	ST. POWER OPTIONS		
						DipSwitch		
LWS BL	blank	20	87,6	13,0	137,8	3.8	11	20
LWS CT	clear PC-pm	40	86,3	14,1	136,1	5.0	15	25
LWP BL	blank	20	87,6	13,6	149,4	6.3	19	27
LWP CT	clear PC-pm	40	86,3	14,7	147,2	7.6	21	30
LWP MC	micro prism	40	85,1	15,6	141,3	w	w	w
						a	a	a
						t	t	t

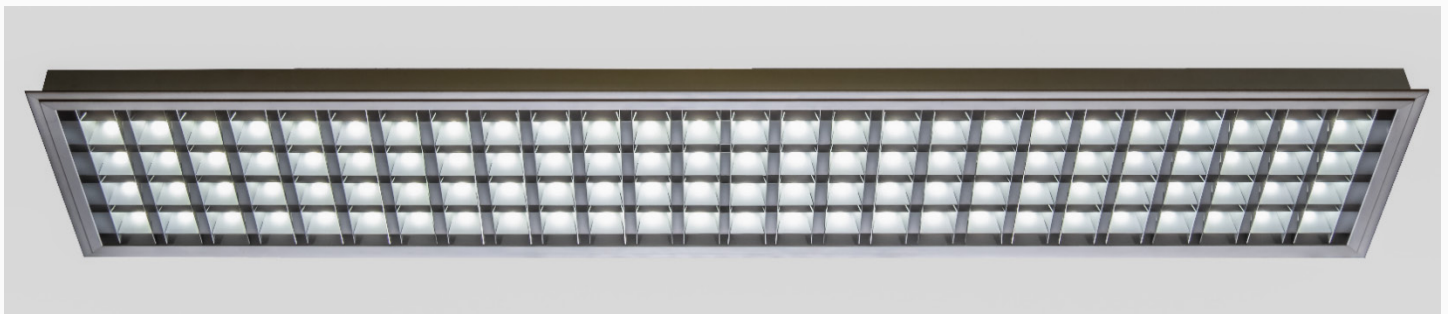
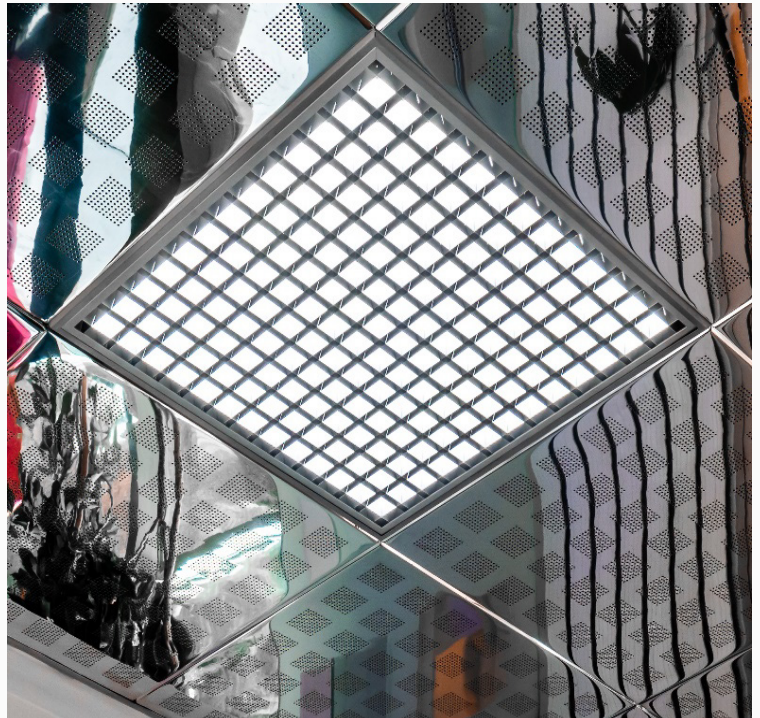
\* given indicative **average** values belong to 25w versions

**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-WHITE LUMINAIRE PROPERTIES *		LWS BL	LWS CT	LWP BL	LWP CT	LWP 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	3310	3260	3586	3532	3391
	glare level - UGR (4Hx8H - R:70-50-20)	13.0	13.7	13.5	14.7	15.8
	luminaire L.O.R.	88%	86%	88%	86%	85%
	efficacy - lm/w	138	136	149	147	141
	light beam spread	2 x 42.0° - <b>84.0°</b>	2 x 42.5° - <b>85.0°</b>	2 x 42.0° - <b>84.0°</b>	2 x 42.5° - <b>85.0°</b>	2 x 33.7° - <b>67.4°</b>
	initial chromaticity	3-steps MacAdam				
	CRI - color rendering index	<b>standard</b> : > 80 - <b>optional</b> : > 90				
	CCT - light color temperature	2700 - 3000 - <b>4000</b> - <b>5000</b> - 6500K				
ELECTRICAL	power control	<b>standard</b> : CE   flickerfree   PF>0,95-98   Eff.>0,86-89   MTBF:25 °C >50.000hr.   DIPswitch <b>optional</b> : DALI - tunable white - HCL - remote dimming - WF & BT control				
	output	ripple current (100 Hz) < 5 %	PSTLM ≤1		SVM ≤0.4	
	system power	3 standard options	3 - 8 W nominal 90 / 120 / 150 / 180 mA	11 - 21 W nominal 250 / 350 / 450 / 500 mA	21 - 30 W nominal 500 / 600 / 650 / 700 mA	
	input voltage	220 - 240 V				
	input frequency	50 / 60 Hz				
	connection	push-in connector and pull relief				
	HOUSING & MECHANICAL	housing material	10 µm anodized aluminum			
housing finish & colors		<b>standard</b> : silver (nature) satin anodized <b>optional</b> : anodized mirror - brushed - other colors   painted				
luminaire weight (1x13 - 60x60 BL)		3.16 kgs				see luminaire <i>weight</i> <i>dimension</i> & <i>power options</i> data sheet for other sizes
luminaire dimensions (1x13)		595 x 595 x 33 mm   620 x 620 x 33 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.