

SBL 13WB STANDARD

- **ecodesign** efficacy level
- uniform light distribution
- no glare - UGR < 10
- high UF figures - perfect beam control

DESCRIPTION : Libus® wide beam ceiling luminaire *basic 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. Excellent *low glare levels (UGR<10)* coupled with precise light distribution control through SBL system, ensuring average conveyance of 87 - 92% of the generated light to target working plane, make **LIBUS SBL13WB STANDARD** luminaire family an optimal composition for *cost , comfort and performance*.

ITEM	UNDERLAY	IP	LOR %	UGR (ave.)	EFFIC. lm/w (25w)	ST. POWER OPTIONS		
						DIPswitch		
LSS BL	blank	20	73,8	8,93	117,2	3.8	11	21
LSS CT	clear PC-pm	40	72,7	9,63	115,4	5.0	15	25
						6.3	19	27
LSP BL	blank	20	73,8	9,45	125,8	7.6	21	30
LSP CT	clear PC-pm	40	72,7	10,20	123,9	w	w	w
LSP MC	micro prism	40	72,2	10,58	120,8	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
- education
- ancillary areas
- conference halls
- lowbay commercial areas
- entrance areas
- health care
- technical working areas
- stairways
- shop & retail
- assembly lines
- corridors
- museum & galleries

SBL 13WB STANDARD LUMINAIRE PROPERTIES *		LSS BL	LSS CT	LSP BL	LSP CT	LSP 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 at luminaire individual data sheets				
OPTICAL	luminous flux - lumens	2800	2758	3033	2988	2868
	glare level – UGR <small>(4Hx8H - R:70-50-20)</small>	8.1	8.9	8.6	9.4	10.2
	luminaire L.O.R.	74%	73%	74%	73%	72%
	efficacy - lm/w	117	115	126	124	121
	light beam spread	2 x 42.1° - 84.2°	2 x 41.5° - 83.0°	2 x 42.1° - 84.2°	2 x 41.5° - 83.0°	2 x 32,7° - 65.4°
	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 - 8 W 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 (60x60 BL)	3.16 kgs				see luminaire weight dimension & power options data sheet for other sizes
	luminaire dimensions	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.