

Surface Box

SB

Product Description

The SB fixture is an aesthetically pleasing surface box that provides an efficient alternative to High Intensity Discharge fixtures. A wide offering of reflector, lens and louver options allow end users to customize the SB to meet their exact requirements. Optimum Lighting recommends the coupling of our D23 High dispersion lens with an Enhanced Specular reflector (E) to maximize efficiency. Popular applications include: retail, hotels, gymnasiums, cold storage and warehousing.

The SB fixture is manufactured with all the knockouts necessary for standard surface or pendant mounting.



SB with D23 Lens

General Construction

The SB fixture's housing is die formed from heavy gauge cold rolled steel, and is permanently welded for rigidity.

The optical reflector system is precision brake formed of the selected aluminum material.

Compact fluorescent lampholders are standard 2G11 base snap-in type. Polycarbonate rotary style locking lampholders are utilized for F32T8 and F54T5HO systems to ensure positive lamp retention and long life in high temperature applications.

All fixtures utilize U.L approved components, are U.L approved and will bear U.L labels.

FIXTURE ORDERING INFORMATION

FIXTURE SERIES	LENS/LOUVER	SIZE(FT)	#LAMPS*	LAMP TYPE	VOLTAGE	#BALLASTS	BALLAST TYPE	REFLECTOR	OPTIONS	LAMP COLOR
SB	D23	22	2	17	12	1	HI	E	OS	835
	D12	14	3	24	27	2	LI	A	E (#)	841
	D125	24	4	32	34	3	SI	W	F	850
	D156		5	U32	UV		PS		NYC	865
	DL1		6	40	HV		PD		C ()	
	DL2			50					D ()	
	W18			54					TL ()	
	L9C									

*2x2 fixture available with up to 6 – F17T8 & F24T5HO, up to 2 – F32T8/U/6” and up to 4 – FT40W/2G11 & FT50W/2G11

**1x4 fixture available with up to 2 – F54T5HO and up to 3 – F32T8

***2x4 fixture available with up to 4 – F54T5HO and up to 6 – F32T8, F40W/2G11 & FT50W/2G11

Lens/Louder:

D23 – High Dispersion 23 Pattern
 D12 – Clear Prismatic Acrylic
 D125 – 0.125 Clear Prismatic
 D156 – 0.156 Spec. Grade Prismatic
 DL1 – 0.118 Clear Lexan
 DL2 – 0.220 Clear Lexan
 W18 – 2x4 18 cell 1.5” Parabolic
 L9C – 2x2 9 cell 1.5” Parabolic

Lamp Type:

17 – F17T8
 24 – F24T5HO
 32 – F32T8
 U32 – F32T8/U/6”
 40 – FT40W/2G11
 50 – FT50W/2G11
 54 – F54T5HO

Voltage Selections:

12 – 120V
 27 – 277V
 34 – 347V
 UV – 120-277V
 HV – 347-480V (T5HO Only)

Ballast Selections:

HI – High BF Electronic Instant Start
 LI – Low BF Electronic Instant Start
 SI – Standard BF Electronic Instant Start
 PS – Programmed Start Electronic
 PD – Programmed Start Dimming

Reflector Selections:

E - Enhanced Aluminum
 A – Polished Aluminum
 W – Highly Reflective White

Option Selections:

OS – Occupancy Sensor
 E (#) – Emergency Pack (Specify # of Required Lumens)
 F – Inline Fuse
 NYC – 20 Gauge NYC Approved
 C () – 16/3 Cord (Specify Length)
 D () – 16/4 Cord (Specify Length)
 TL () – Locking Cord End (Specify Nema Configuration)

Size/Dimensions:

22 – 2’ x 2’
 14 – 1’ x 4’
 24 – 2’ x 4’



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TYPE :

CAT# :

PROJECT :