

SITA

DATASHEET | SPECIFICATIONS



CHARACTERISTIC

Asymmetric LED lamp designed to illuminate blackboards.

USE

- interior
- office
- classrooms
- commercial premises
- Corridors
- representative spaces



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

A++
A+
A
C
D

LED

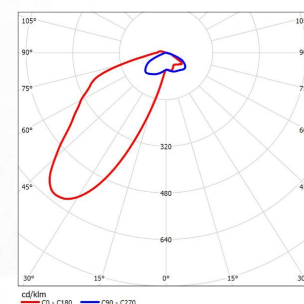
ELEKTRO-LUMEN SITA 874/2012

TECHNICAL SPECIFICATIONS

ELECTRICAL PARAMETERS	
Light source	» LED
AC voltage	» AC 230 V / 50 Hz
Connection	» terminal block
Driver	» electronic driver
Dimming	» non-dimmable (not labeled) » DALI (DALI)
LIGHT PARAMETERS	
Optical system	» asymmetric (no marking)
Light distribution	» straight » asymmetric
Color rendering index	» Ra > 80
Color temperature	» 3 000 K » 4 000 K
Service life	» > 50 000 hours (L80B50)
CONSTRUCTION	
Housing	» painted steel sheet
Color	» RAL 9003 » other RAL (on order)
Surface	» mat
Cover	» PMMA optics
SAFETY	
Protection class	» I
Ambient operating temperature	» +5 / +35 °C
Ingress protection	» IP 20
Impact protection	» IP 40
Mounting on normally flammable materials	» YES
MOUNTING	
Type	» hanging (Z) » sitting
Recommended height	» 50 cm above the top edge of the board » 1.0 m from the board
ACCESSORIES	
Buckles	» NO
Mounting accessories	» according to the variant

LUMINAIRE DIMENSIONS

SITA Z 12 5k9 840



VARIANTS

DATASHEET SITA

TYPE	POWER	LUMINOUS FLUX		COLOR TEMPERATURE	SERVICE LIFE
Name	Watt (W)		Lumen (lm)	Kelvin (K)	L80B10 (Std.)
attached version / suspended version (Z)					
SITA 12 ... 3k8 840	24	3 800	4 000	> 50 000	3,7
SITA 12 ... 4k8 840	32	4 800	4 000	> 50 000	3,7
SITA 12 ... 5k9 840	42	5 900	4 000	> 50 000	3,7
SITA 15 ... 3k9 840	26	3 900	4 000	> 50 000	4,7
SITA 15 ... 5k1 840	34	5 100	4 000	> 50 000	4,7
SITA 15 ... 6k0 840	40	6 000	4 000	> 50 000	4,7

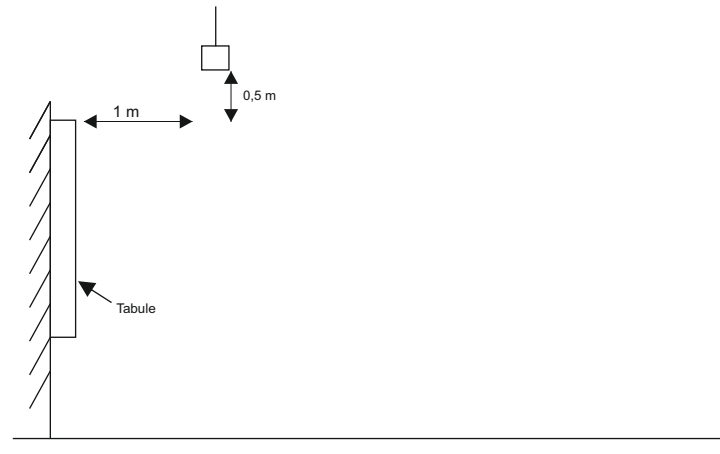
LEGEND

SITA Z 15 5k5 840 DALI

name
suspended variant (Z), attached variant
length 1,420 mm
luminous flux 5,500 lm
color rendering index Ra > 80, color temperature 4000K
DALI (DALI)

Optical and electrical parameters tolerance $\pm 10\%$.

RECOMMENDED LOCATION



LUMINAIRE DIMENSIONS

SITA 12/SITA 15

