



LED



Norms: EN 60598-1, EN 60598-2-1



IP 20

DAM 650°C

bLINE 960°C

230V/50Hz

PRODUCT DESCRIPTION

Areas of Application: Commercial and Business areas, Public buildings, Housing, Offices, Hotel and Restaurant services, Art and Culture spaces.

Mounting: Suspended.

Light Distribution: Direct / Indirect.

Light Source: LED 4000K, CRI>80, 50.000h life (@L80, B10, Ta 25 C).

Control Gear: LED driver, 220-240VAC-50/60Hz.

Materials: Body: Extruded aluminium profile.

Surface Finish: Anodised in natural colour.

DAM - Microprismatic difusor | 80% (Direct) + 20% (Indirect)

LAMP	UGR	W	lm	lm/W	η(%)	AxBxC (mm)	kg	HF	DALI
LED	≤19	54	7212	88	66	1128x90x98	5,4	9Y7H.140.6V.F4	9Y7H.140.6V.E4
	≤19	67	9186	90	66	1408x90x98	6,6	9Y7H.150.6V.F4	9Y7H.150.6V.E4
	≤19	80	11160	93	67	1688x90x98	7,8	9Y7H.160.6V.F4	9Y7H.160.6V.E4
	-	108	14428	88	66	2250x90x98	10,3	9Y7H.180.6V.F4	9Y7H.180.6V.E4
	-	121	16398	89	66	2530x90x98	11,5	9Y7H.190.6V.F4	9Y7H.190.6V.E4
	-	134	18372	91	66	2810x90x98	12,6	9Y7H.100.6V.F4	9Y7H.100.6V.E4

bLINE - Opal polycarbonate difusor | 80% (Direct) + 20% (Indirect)

LAMP	UGR	W	lm	lm/W	η(%)	AxBxC (mm)	Kg	HF	DALI
LED	≤22	54	7212	85	64	1128x90x98	5,4	9Y7H.140.20.F4	9Y7H.140.20.E4
	≤22	67	9186	88	64	1408x90x98	6,6	9Y7H.150.20.F4	9Y7H.150.20.E4
	≤22	80	11160	91	65	1688x90x98	7,8	9Y7H.160.20.F4	9Y7H.160.20.E4
	-	108	14424	86	64	2250x90x98	10,3	9Y7H.180.20.F4	9Y7H.180.20.E4
	-	121	16398	87	64	2530x90x98	11,5	9Y7H.190.20.F4	9Y7H.190.20.E4
	-	134	18372	88	64	2810x90x98	12,6	9Y7H.100.20.F4	9Y7H.100.20.E4

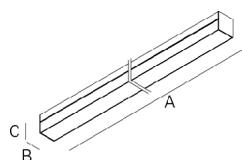
DAM | bLINE:

• To complete the product add suspension, current supply cable and ceiling rose. Please order separately.

COLOUR / FINISH

Code	Description
□ W	White
■ B	Black

DIMENSIONS



Example code for order: 9Y7H.100.20.F4 (HF) + 3000 + 971400 + 940400 + 910501 (OPTIONS)

We reserve the right to make technical changes without prior notice. Electrical/Optical data are subjected to a tolerance of +/-10%.

OPTIONS

Colour temperature



3000K
Tunable white

Order code
3000
T000

Ceiling rose



Recessed
Grey
White
Black
Surface
Grey
White
Black

Order code
971402
971400
971401
971702
971700
971701

Current supply cable



1,5 m transparent cable 0,75 mm2
3 x 0,75 mm2
5 x 0,75 mm2
1,5 m transparent cable 1,5 mm2
3 x 1,5 mm2
5 x 1,5 mm2

Order code
940400
940500
940300
940000

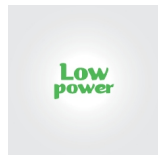
Suspension



Suspension Type "I" (x2)

Order code
910501

Low power version



Option supplied under request.

DETAILS

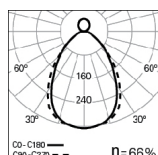


Clip-in diffuser system

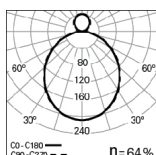


Suspension detail

PHOTOMETRY

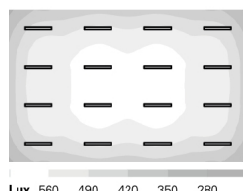


TCH D/I LED 54W
DAM 4000K



TCH D/I LED 54W
bLINE 4000K

PERFORMANCE



TCH D/I LED DAM

LED: 80W
DIMENSIONS: 15,5m x 10m
HEIGHT: 5m
MAINTENANCE: 0,8
REFLECTANCE: 70/50/20
WORKING PLACE: 0,8m
ILLUMINANCE E_{min} : 496 lux
UGR: ≤ 18

TO SPECIFY:

Linear direct/indirect suspended LED luminaire, individually mounted and 90 mm width. Extruded aluminium profile, anodised in natural colour. Aluminium end caps without visible screws and polycarbonate bLINE or DAM diffuser. Standard version with 4000K, CRI>80 and 50.000h lifetime (@L80, B10, Ta 25 C). Optional 3000K, DALI dimmable driver and TunableWhite technology. Suspension kit, current supply cable and ceiling rose as accessories. – as Roxo Lighting TCH D/I LED.

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