



**LED**



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



### PRODUCT DESCRIPTION

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

**Mounting:** Surface/Suspended.

**Light Distribution:** Direct.

**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



LAMP	UGR	W	lm	lm/W	η(%)	AxBxC (mm)	K1	K3	kg	HF	DALI
LED	≤19	30	3870	86	67	848x90x98	-	-	3,8	9YCZ.130.6V.F4	9YCZ.130.6V.E4
	≤19	39	5160	86	65	1128x90x98	•	•	4,3	9YCZ.140.6V.F4	9YCZ.140.6V.E4
	≤19	47	6450	86	63	1408x90x98	•	•	5,3	9YCZ.150.6V.F4	9YCZ.150.6V.E4
	≤19	56	7740	93	67	1688x90x98	•	•	7,6	9YCZ.160.6V.F4	9YCZ.160.6V.E4
	-	64	9030	93	66	1970x90x98	•	•	8,1	9YCZ.170.6V.F4	9YCZ.170.6V.E4
	-	77	10320	87	65	2250x90x98	•	•	8,6	9YCZ.180.6V.F4	9YCZ.180.6V.E4
	-	86	11610	86	64	2530x90x98	•	•	9,6	9YCZ.190.6V.F4	9YCZ.190.6V.E4
	-	94	12900	86	63	2810x90x98	•	•	10,6	9YCZ.100.6V.F4	9YCZ.100.6V.E4

#### bLINE - Difusor de policarbonato opal

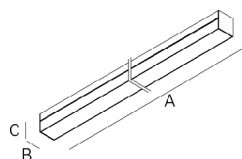


LAMP	UGR	W	lm	lm/W	η(%)	AxBxC (mm)	K1	K3	kg	HF	DALI
LED	≤22	30	3870	85	66	848x90x98	-	-	3,8	9YCZ.130.20.F4	9YCZ.130.20.E4
	≤22	39	5160	87	66	1128x90x98	•	•	4,3	9YCZ.140.20.F4	9YCZ.140.20.E4
	≤25	47	6450	86	63	1408x90x98	•	•	5,3	9YCZ.150.20.F4	9YCZ.150.20.E4
	≤22	56	7740	91	66	1688x90x98	•	•	7,6	9YCZ.160.20.F4	9YCZ.160.20.E4
	-	64	9030	93	66	1970x90x98	•	•	8,1	9YCZ.170.20.F4	9YCZ.170.20.E4
	-	77	10320	87	65	2250x90x98	•	•	8,6	9YCZ.180.20.F4	9YCZ.180.20.E4
	-	86	11610	88	65	2530x90x98	•	•	9,6	9YCZ.190.20.F4	9YCZ.190.20.E4
	-	94	12900	86	63	2810x90x98	•	•	10,6	9YCZ.100.20.F4	9YCZ.100.20.E4

#### COLOUR / FINISH

Code	Description
□ W	White
■ B	Black

#### DIMENSIONS



Example code for order: 9YCZ.100.20.F4 (HF) + 3000 + 971400 + 940100 + 910501 + K3 (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 mm<sup>2</sup>  
3 x 0,75 mm<sup>2</sup>  
5 x 0,75 mm<sup>2</sup>  
1,5 m transparent cable 1,5 mm<sup>2</sup>  
3 x 1,5 mm<sup>2</sup>  
5 x 1,5 mm<sup>2</sup>  
7 x 1,5 mm<sup>2</sup>  
9 x 1,5 mm<sup>2</sup>

Order code  
**940400**  
**940500**  
**940300**  
**940000**  
**940100**  
**941200**

#### Suspension



Suspension Type "I" (x2)

Order code  
**910501**

#### Emergency unit



Emergency unit 3 hours  
Emergency unit 1 hour

Order code  
**K3**  
**K1**

• Test function by telecommand signal.

#### Low power version



Option supplied under request.

### DETAILS

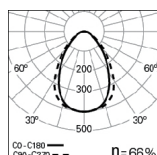


Clip-in diffuser system

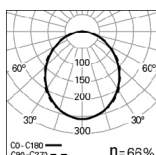


Suspended version

### PHOTOMETRY

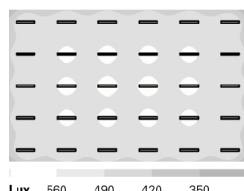


**TCH LED 30W**  
**DAM 4000K**



**TCH LED 30W**  
**bLINE 4000K**

### PERFORMANCE



#### TCH LED DAM

LED: 39W  
DIMENSIONS: 15m x 10m  
HEIGHT: 3,5m  
MAINTENANCE: 0,8  
REFLECTANCE: 70/50/20  
WORKING PLACE: 0,8m  
ILLUMINANCE E<sub>int</sub>: 500 lux  
UGR: ≤19

### TO SPECIFY:

Linear surface or 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, TunableWhite technology and 1 or 3 hours emergency unit. Suspension kit, current supply cable and ceiling rose as accessories. – as Indelague TCH LED.

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