

**LED**

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



230V/50Hz

### PRODUCT DESCRIPTION

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

**Mounting:** Recessed.

**Light Distribution:** Direct.

**Light Source:** LED 4000K, RG1, CRI>80, MacAdam Step <3, 80.000h lifetime (@L90, B10, Ta 25 C).

**Optical System:** Diffuser: Polycarbonate.

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

**Materials:** Body: Extruded aluminium profile.

**Surface Finish:** Powder coated.

**Fixing system:** Trimless mounting frame (included in the outer profile).

### Outer profile



L(mm)	f	kg	Order code
598	600	1,7	90519.L002.0
878	880	2,2	90519.L003.0
1158	1160	2,8	90519.L004.0
1438	1440	3,3	90519.L005.0
1718	1720	3,9	90519.L006.0
2000	2002	4,4	90519.L007.0
2280	2282	5,0	90519.L008.0
2560	2562	5,5	90519.L009.0
2840	2842	6,1	90519.L010.0

### Inner profile - Symmetric - bGLARE - Microprismatic diffuser (included)




LED	W	Lm Output	lm/W	L(mm)	K3	kg	HF	DALI
	15	1534	102	562	-	0,8	90498.L002.E	90498.L002.H
	22	2266	103	842	-	1,1	90498.L003.E	90498.L003.H
	29	2926	101	1122	•	1,4	90498.L004.E	90498.L004.H
	37	3776	102	1402	•	1,8	90498.L005.E	90498.L005.H
	44	4460	101	1682	•	2,1	90498.L006.E	90498.L006.H
	51	5121	100	1964	•	2,7	90498.L007.E	90498.L007.H
	58	5853	101	2244	•	3,0	90498.L008.E	90498.L008.H
	66	6584	100	2524	•	3,3	90498.L009.E	90498.L009.H
	74	7552	102	2804	•	3,7	90498.L010.E	90498.L010.H


Order example: 90519.L004.0 + W (COLOUR/FINISH) + 90497.L004.E(HF) + 3000 + 955000 (OPTIONS)

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




Inner profile - Symmetric - bLINE - Opal diffuser (included)

LED	W	Lm Output	lm/W	L(mm)	K3	kg	HF	DALI
	15	1487	99	562	-	0,8	90497.L002.E	90497.L002.H
	22	2230	101	842	-	1,1	90497.L003.E	90497.L003.H
	29	2974	103	1122	•	1,4	90497.L004.E	90497.L004.H
	37	3717	100	1402	•	1,7	90497.L005.E	90497.L005.H
	44	4460	101	1682	•	2,0	90497.L006.E	90497.L006.H
	51	5204	102	1964	•	2,7	90497.L007.E	90497.L007.H
	58	5947	103	2244	•	3,0	90497.L008.E	90497.L008.H
	66	6691	101	2524	•	3,3	90497.L009.E	90497.L009.H
	74	7434	100	2804	•	3,6	90497.L010.E	90497.L010.H

Inner profile - Asymmetric - ASYM - Diffuser (included)

LED	W	Lm Output	lm/W	L(mm)	K3	kg	HF	DALI
	17	1496	88	562	-	0,9	90500.L002.E	90500.L002.H
	25	2207	88	842	-	1,2	90500.L003.E	90500.L003.H
	32	2843	89	1122	•	1,6	90500.L004.E	90500.L004.H
	40	3679	92	1402	•	1,9	90500.L005.E	90500.L005.H
	47	4265	91	1682	•	2,3	90500.L006.E	90500.L006.H
	57	4976	87	1964	•	3,0	90500.L007.E	90500.L007.H
	64	5686	89	2244	•	3,3	90500.L008.E	90500.L008.H
	72	6397	89	2524	•	3,7	90500.L009.E	90500.L009.H
	80	7357	92	2804	•	4,0	90500.L010.E	90500.L010.H

COLOUR / FINISH

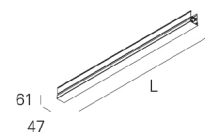
Code	Description
 W	White
 G	Grey
 B	Black

DIMENSIONS

OUTER PROFILE (EXT)

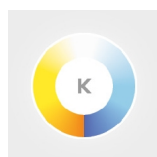


INNER PROFILE (INT)



OPTIONS

Colour temperature



3000K  
Tunable White

Order code  
**3000**  
**T000**

SwitchDIM Tunable White



SwitchDIM Tunable White

• Each SwitchDIM Tunable White allows the control of at most 20 luminaires of L<=1682mm and at most 10 luminaires of L>=1964mm.

Order code  
**926600**

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### Safety cable

Order code  
**955000**



Steel safety cable

### Emergency unit

Order code  
**K3**



Emergency unit 3 hours

- Prepared for Remote-control

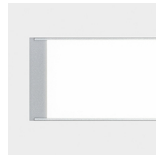
### DETAILS



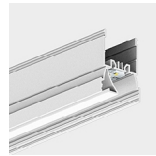
bGLARE diffuser



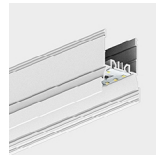
bLINE diffuser



Light uniformity



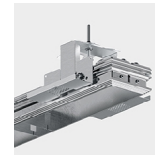
Asymmetric inner profile



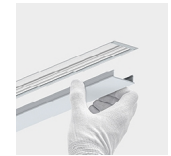
Symmetric inner profile



Recessed

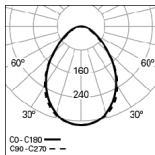


Trimless mounting frame

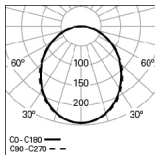


Clip-in diffuser

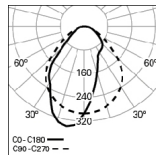
### PHOTOMETRY



REBA 50  
bGLARE



REBA 50  
bLINE



REBA 50  
ASYM

### TO SPECIFY:

Individual trimless recessed LED luminaire. Aluminium profile of 70mm width, epoxy polyester painted. ABS screwless end caps and bGLARE microprismatic diffuser or bLINE opal diffuser. Standard version with LED 4000K, RG1 (Photobiological Risk Group 1, according to IEC 62471), CRI>80, MacAdam Step<3 and 80.000 lifetime (@L90, B10, Ta 25 C). Luminaire efficiency above 100Lm/W. Optional dimmable DALI driver, 3000K, Tunable White, 3 hours emergency unit and steel safety cable. - as Roxo Lighting REBA 50 /T.

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