



RECESSED LED TRIMLESS LIGHT

KARO Series

KARO recessed LED fixture series have a wide range of lumen output, color temperature and color rendering index.

They are adjustable, offering flexibility.

They are trimless. The exterior frame is installed and plastered within the ceiling. The interior main body of the fixture is installed easily with a snap-in mechanism.

KARO provide highly comfortable lighting with low UGR.

The models in the series provide lighting with a color temperature range of 2700K (warm) - 6500K (cold), and there is a choice color rendering index up to 97 CRI.

Upon selection they are produced with DALI, 1-10V or PWM dimming, bluetooth control and emergency operation up to 3h.

KARO are produced with 5 years warranty.

DALI

0-10V

Em 3h

BLUE TOOTH

DIM to WARM

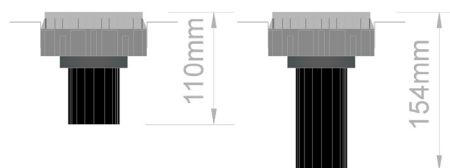
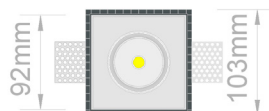
TUNABLE CCT



Dimensions

6W - 9W

12W - 17W



Pros

- Low working temperature
- It produces little heat compared to other types of lighting
- Requires no maintenance
- Long life - 5 years warranty
- Easy installation
- High reliability
- Excellent performance with low power consumption
- High brightness
- High color rendering up to 90 CRI
- Instant start - immediate termination
- It does not emit UV or IR radiation
- Does not contain mercury
- Resistance to shock and vibration

Εφαρμογές

- Shops
- Exhibitions
- Gyms
- Bakeries
- Hotels

Manufactured in Greece



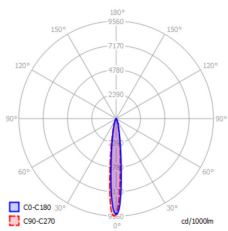
Type	KARO Series
Luminous Flux	590 lm - 4510 lm
Power	6W - 25W
Ambient Temperature	-30 °C - + 50 °C
Efficacy	95 - 189 lm/W
Power Factor	0,95
CRI	70 - 90
CTT	2700K - 6500K
IP Rating	IP20
Body	Aluminium
Finishing	Any RAL
Dimensions	92mm X 92mm
Cut-out	92mm X 92mm
Weight	0.9 Kg
Warranty	5 years
Compliances	CE EN 60598-1:2021+A11:2022 EN 60598-2-1:2022 IEC 60598-2-2:2023 EN IEC 61000-3-2:2019+A1:2021 EN 61000-3-3:2013+A2:2021 EN 61547:2020 EN 55015:2019+A11:2020 EN 62471:2008 IEC/TR 62778:2014 EN 62493:2015+A1:2022 EN 63000:2018 Directive (LVD) Directive (EMC) 2014/30/EU Directive (RoHS) 2011/65/EC Directive (REACH) 2006/1907/EC Directive (EuP) Directive (GPS)

KARO Versions						
Watt	Code	CCT	CRI	Lumen	Lm/W	
6 W	KARO-927-6	2700	90	590	95	
	KARO-827-6	2700	80	740	119	
	KARO-930-6	3000	90	625	100	
	KARO-830-6	3000	80	785	126	
	KARO-940-6	4000	90	670	108	
	KARO-840-6	4000	80	820	132	
	KARO-850-6	5000	80	820	132	
	KARO-750-6	5000	70	865	139	
	KARO-827-9	2700	80	1332	146	
	KARO-927-9	2700	90	1111	122	
9W	KARO-927F-9	2700	90	1540	171	
	KARO-830-9	3000	80	1388	153	
	KARO-930-9	3000	90	1152	127	
	KARO-930F-9	3000	90	1570	174	
	KARO-835-9	3500	80	1430	157	
	KARO-935-9	3500	90	1194	131	
	KARO-935F-9	3500	90	1580	175	
	KARO-840-9	4000	80	1444	159	
	KARO-940-9	4000	90	1236	136	
	KARO-940F-9	4000	90	1600	177	
12W	KARO-750-9	5000	70	1580	174	
	KARO-850-9	5000	80	1486	163	
	KARO-950-9	5000	90	1264	139	
	KARO-950F-9	5000	90	1550	172	
	KARO-757-9	5700	70	1525	168	
	KARO-857-9	5700	80	1511	166	
	KARO-765-9	6500	70	1553	171	
	KARO-865-9	6500	80	1538	169	
	KARO-827-12	2700	80	1768	145	
	KARO-927-12	2700	90	1473	121	
17W	KARO-927F-12	2700	90	2120	176	
	KARO-830-12	3000	80	1841	151	
	KARO-930-12	3000	90	1529	125	
	KARO-930F-12	3000	90	2160	180	
	KARO-835-12	3500	80	1896	156	
	KARO-935-12	3500	90	1584	130	
	KARO-935F-12	3500	90	2185	182	
	KARO-840-12	4000	80	1915	157	
	KARO-940-12	4000	90	1639	134	
	KARO-940F-12	4000	90	2200	183	
25W	KARO-750-12	5000	70	2096	172	
	KARO-850-12	5000	80	1970	162	
	KARO-950-12	5000	90	1676	137	
	KARO-950F-12	5000	90	2140	178	
	KARO-757-12	5700	70	2022	166	
	KARO-857-12	5700	80	2003	164	
	KARO-765-12	6500	70	2059	169	
	KARO-865-12	6500	80	2041	167	

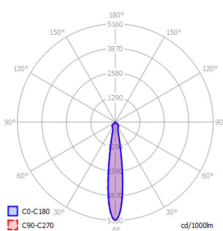
KARO Versions						
Watt	Code	CCT	CRI	Lumen	Lm/W	
17W	KARO-827-17	2700	80	2620	154	
	KARO-927-17	2700	90	2183	128	
	KARO-927F-17	2700	90	3080	181	
	KARO-830-17	3000	80	2729	160	
	KARO-930-17	3000	90	2265	133	
	KARO-930F-17	3000	90	3150	185	
	KARO-835-17	3500	80	2811	165	
	KARO-935-17	3500	90	2347	138	
	KARO-935F-17	3500	90	3185	187	
	KARO-840-17	4000	80	2838	166	
25W	KARO-940-17	4000	90	2429	142	
	KARO-940F-17	4000	90	3210	189	
	KARO-750-17	5000	70	3106	182	
	KARO-850-17	5000	80	2920	171	
	KARO-950-17	5000	90	2485	146	
	KARO-950F-17	5000	90	3180	187	
	KARO-757-17	5700	70	2997	176	
	KARO-857-17	5700	80	2908	166	
	KARO-765-17	6500	70	2989	171	
	KARO-865-17	6500	80	2989	171	
25W	KARO-827-25	2700	80	3565	145	
	KARO-927-25	2700	90	2971	121	
	KARO-927F-25	2700	90	4330	173	
	KARO-830-25	3000	80	3714	151	
	KARO-930-25	3000	90	3083	126	
	KARO-930F-25	3000	90	4420	177	
	KARO-835-25	3500	80	3825	156	
	KARO-935-25	3500	90	3194	130	
	KARO-935F-25	3500	90	4470	179	
	KARO-840-25	4000	80	3862	157	
25W	KARO-940-25	4000	90	3305	135	
	KARO-940F-25	4000	90	4510	180	
	KARO-750-25	5000	70	4227	172	
	KARO-850-25	5000	80	3973	162	
	KARO-950-25	5000	90	3382	138	
	KARO-950F-25	5000	90	4380	175	
	KARO-757-25	5700	70	4078	166	
	KARO-857-25	5700	80	4042	165	
	KARO-765-25	6500	70	4153	169	
	KARO-865-25	6500	80	4116	168	

Polar Intensity Diagram

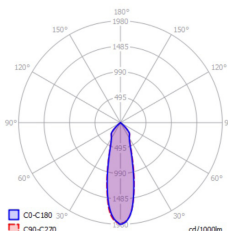
12°



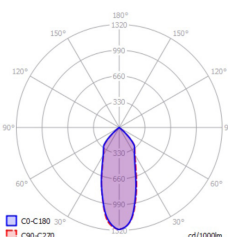
16°



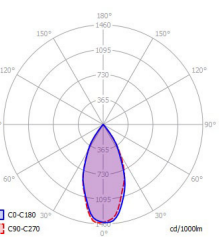
30°



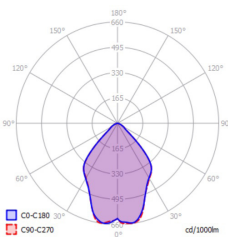
41°



49°



86°



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