

KING 2 Recessed

K2E85L2S



K2E85L2S

Basic Parameters

Application	Indoor
Material	ADC12, Spray painting
Coating	Black(Frame),White(Frame)
IP Grade	IP20.Front IP54
Warranty	5 years
Working Temperature	-15℃~40℃

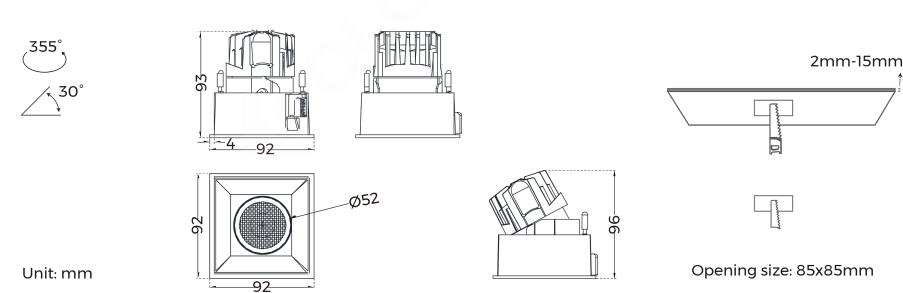
Electrical Parameters

Typ.power	6W,10W,12W,15W,20W
Control	Non-Dimming,0-10V Dimming,Triac Dimming,DALI Dimming,No Power

Optical Parameters

LED	COB Light Source >50,000h-L80-B10 (Ta 25℃)
SDCM	<3 Step
CRI	>90
CCT	2700K,3000K,3500K,4000K,2700K-6500K
Beam Angle	4°,8°,10°,15°,24°,36°,50°

Dimensions



Luminaire Parameters

Version	Type Power (W)	Input Voltage(LED) (V)	Input Current (mA)	CCT	Beam Angle	Luminaire Luminous Flux(lm)	UGR	Center Beam Candlepower (CBP)	Beam Diameter
Normal	6W	3V	1.5A	2700K	4°	150	≤3	12200	7
Normal	6W	3V	1.5A	3000K	4°	160	≤3	12900	7
Normal	6W	3V	1.5A	3500K	4°	165	≤3	13300	7
Normal	6W	3V	1.5A	4000K	4°	170	≤3	13600	7
Normal	10W	36V	0.25A	2700K	8°	235	≤3	6250	15
Normal	10W	36V	0.25A	2700K	10°	570	≤0	9050	20
Normal	10W	36V	0.25A	2700K	15°	605	≤6	6550	27
Normal	10W	36V	0.25A	2700K	24°	760	≤3	3550	42
Normal	10W	36V	0.25A	2700K	36°	825	≤3	2600	60
Normal	10W	36V	0.25A	2700K	50°	790	≤6	1400	85
Normal	10W	36V	0.25A	3000K	8°	250	≤3	6600	15
Normal	10W	36V	0.25A	3000K	10°	600	≤0	9540	20
Normal	10W	36V	0.25A	3000K	15°	640	≤6	6900	27
Normal	10W	36V	0.25A	3000K	24°	790	≤0	3750	42
Normal	10W	36V	0.25A	3000K	36°	860	≤0	2750	60
Normal	10W	36V	0.25A	3000K	50°	820	≤6	1500	85
Normal	10W	36V	0.25A	3500K	8°	260	≤3	7050	15
Normal	10W	36V	0.25A	3500K	10°	625	≤0	9950	20
Normal	10W	36V	0.25A	3500K	15°	670	≤6	7400	27
Normal	10W	36V	0.25A	3500K	24°	835	≤0	4000	42
Normal	10W	36V	0.25A	3500K	36°	905	≤0	2950	60
Normal	10W	36V	0.25A	3500K	50°	865	≤6	1600	85
Normal	10W	36V	0.25A	4000K	8°	270	≤3	7300	15

Normal	10W	36V	0.25A	4000K	10°	630	≤0	10250	20
Normal	10W	36V	0.25A	4000K	15°	670	≤6	7650	27
Normal	10W	36V	0.25A	4000K	24°	820	≤0	4150	42
Normal	10W	36V	0.25A	4000K	36°	920	≤0	3050	60
Normal	10W	36V	0.25A	4000K	50°	860	≤6	1650	85
Normal	12W	36V	0.25A	2700K	8°	250	≤3	7200	15
Normal	12W	36V	0.25A	2700K	10°	615	≤0	9700	20
Normal	12W	36V	0.25A	2700K	15°	715	≤6	7300	27
Normal	12W	36V	0.25A	2700K	24°	890	≤0	4200	42
Normal	12W	36V	0.25A	2700K	36°	970	≤0	2550	60
Normal	12W	36V	0.25A	2700K	50°	935	≤6	1550	85
Normal	12W	36V	0.25A	3000K	8°	265	≤3	7600	15
Normal	12W	36V	0.25A	3000K	10°	650	≤0	10200	20
Normal	12W	36V	0.25A	3000K	15°	755	≤6	7700	27
Normal	12W	36V	0.25A	3000K	24°	935	≤0	4400	42
Normal	12W	36V	0.25A	3000K	36°	1020	≤0	2700	60
Normal	12W	36V	0.25A	3000K	50°	985	≤6	1650	85
Normal	12W	36V	0.25A	3500K	8°	275	≤3	8200	15
Normal	12W	36V	0.25A	3500K	10°	680	≤0	10600	20
Normal	12W	36V	0.25A	3500K	15°	785	≤6	8300	27
Normal	12W	36V	0.25A	3500K	24°	975	≤0	4750	42
Normal	12W	36V	0.25A	3500K	36°	1060	≤0	2900	60
Normal	12W	36V	0.25A	3500K	50°	1030	≤6	1750	85
Normal	12W	36V	0.25A	4000K	8°	285	≤3	8450	15
Normal	12W	36V	0.25A	4000K	10°	685	≤0	11000	20
Normal	12W	36V	0.25A	4000K	15°	795	≤6	8550	27
Normal	12W	36V	0.25A	4000K	24°	985	≤0	4900	42
Normal	12W	36V	0.25A	4000K	36°	1070	≤0	3000	60
Normal	12W	36V	0.25A	4000K	50°	1035	≤6	1800	85
Normal	15W	36V	0.35A	2700K	15°	825	≤6	8650	27
Normal	15W	36V	0.35A	2700K	24°	1010	≤0	4650	42
Normal	15W	36V	0.35A	2700K	36°	1140	≤0	2850	60
Normal	15W	36V	0.35A	2700K	50°	1110	≤6	1750	85
Normal	15W	36V	0.35A	3000K	15°	870	≤6	9100	27
Normal	15W	36V	0.35A	3000K	24°	1065	≤0	4900	42
Normal	15W	36V	0.35A	3000K	36°	1200	≤0	3000	60
Normal	15W	36V	0.35A	3000K	50°	1170	≤6	1850	85
Normal	15W	36V	0.35A	3500K	15°	905	≤6	9800	27
Normal	15W	36V	0.35A	3500K	24°	1110	≤0	5300	42
Normal	15W	36V	0.35A	3500K	36°	1250	≤0	3200	60
Normal	15W	36V	0.35A	3500K	50°	1220	≤6	2000	85
Normal	15W	36V	0.35A	4000K	15°	915	≤6	10100	27
Normal	15W	36V	0.35A	4000K	24°	1120	≤0	5450	42
Normal	15W	36V	0.35A	4000K	36°	1260	≤0	3300	60
Normal	15W	36V	0.35A	4000K	50°	1230	≤6	2050	85
Normal	20W	36V	0.5A	2700K	15°	1050	≤6	10450	27
Normal	20W	36V	0.5A	2700K	24°	1300	≤0	6450	42
Normal	20W	36V	0.5A	2700K	36°	1480	≤0	3800	60
Normal	20W	36V	0.5A	2700K	50°	1425	≤6	2500	85
Normal	20W	36V	0.5A	3000K	15°	1100	≤6	11000	27
Normal	20W	36V	0.5A	3000K	24°	1360	≤0	6800	42

Normal	20W	36V	0.5A	3000K	36°	1560	≤0	4000	60
Normal	20W	36V	0.5A	3000K	50°	1500	≤6	2600	85
Normal	20W	36V	0.5A	3500K	15°	1145	≤6	11800	27
Normal	20W	36V	0.5A	3500K	24°	1415	≤0	7300	42
Normal	20W	36V	0.5A	3500K	36°	1630	≤0	4300	60
Normal	20W	36V	0.5A	3500K	50°	1560	≤6	2800	85
Normal	20W	36V	0.5A	4000K	15°	1155	≤6	12200	27
Normal	20W	36V	0.5A	4000K	24°	1430	≤0	7550	42
Normal	20W	36V	0.5A	4000K	36°	1640	≤0	4450	60
Normal	20W	36V	0.5A	4000K	50°	1580	≤6	2900	85
CCT Tunable	10W	36V	0.25A	2700K	24°	550	≤3	2700	42
CCT Tunable	10W	36V	0.25A	2700K	36°	620	≤8	1750	60
CCT Tunable	10W	36V	0.25A	2700K	50°	600	≤16	1000	85
CCT Tunable	10W	36V	0.25A	4000K	24°	660	≤3	3100	42
CCT Tunable	10W	36V	0.25A	4000K	36°	730	≤8	2000	60
CCT Tunable	10W	36V	0.25A	4000K	50°	700	≤16	1100	85
CCT Tunable	10W	36V	0.25A	6500K	24°	660	≤3	3300	42
CCT Tunable	10W	36V	0.25A	6500K	36°	730	≤8	2100	60
CCT Tunable	10W	36V	0.25A	6500K	50°	720	≤16	1200	85
CCT Tunable	12W	36V	0.3A	2700K	24°	635	≤3	3150	42
CCT Tunable	12W	36V	0.3A	2700K	36°	720	≤8	2050	60
CCT Tunable	12W	36V	0.3A	2700K	50°	700	≤16	1200	85
CCT Tunable	12W	36V	0.3A	4000K	24°	780	≤3	3700	42
CCT Tunable	12W	36V	0.3A	4000K	36°	875	≤8	2400	60
CCT Tunable	12W	36V	0.3A	4000K	50°	840	≤16	1350	85
CCT Tunable	12W	36V	0.3A	6500K	24°	780	≤3	3850	42
CCT Tunable	12W	36V	0.3A	6500K	36°	875	≤8	2500	60
CCT Tunable	12W	36V	0.3A	6500K	50°	840	≤16	1400	85
CCT Tunable	15W	36V	0.35A	2700K	24°	780	≤3	3600	42
CCT Tunable	15W	36V	0.35A	2700K	36°	870	≤8	2300	60
CCT Tunable	15W	36V	0.35A	2700K	50°	825	≤16	1300	85
CCT Tunable	15W	36V	0.35A	4000K	24°	960	≤3	4200	42
CCT Tunable	15W	36V	0.35A	4000K	36°	1080	≤8	2750	60
CCT Tunable	15W	36V	0.35A	4000K	50°	1020	≤16	1550	85
CCT Tunable	15W	36V	0.35A	6500K	24°	960	≤3	4350	42
CCT Tunable	15W	36V	0.35A	6500K	36°	1080	≤8	2800	60
CCT Tunable	15W	36V	0.35A	6500K	50°	1020	≤16	1550	85
CCT Tunable	20W	36V	0.5A	2700K	24°	1000	≤3	5000	42
CCT Tunable	20W	36V	0.5A	2700K	36°	1100	≤8	3100	60
CCT Tunable	20W	36V	0.5A	2700K	50°	1000	≤16	1700	85
CCT Tunable	20W	36V	0.5A	4000K	24°	1240	≤3	5800	42
CCT Tunable	20W	36V	0.5A	4000K	36°	1360	≤8	3650	60
CCT Tunable	20W	36V	0.5A	4000K	50°	1300	≤16	4100	85
CCT Tunable	20W	36V	0.5A	6500K	24°	1200	≤3	5700	42
CCT Tunable	20W	36V	0.5A	6500K	36°	1300	≤8	3600	60
CCT Tunable	20W	36V	0.5A	6500K	50°	1260	≤16	2100	85

Note:

1. The above parameters are tested based on the light source with Color Rendering Index Ra90 and 3000K.
2. The input voltage and input current belong to the light source.
3. The brand of the light source is CREE or CITIZEN.
4. The brand of the power supply is EAGLERISE , AIDIMMING or QUCHI.
5. Incorporation of any of the following—honeycomb filter, Linear Spread Filter, or Diffusion Filter—will reduce luminous efficacy, UGR, and beam angle.

6. luminous flux is allowed to have a ±10% tolerance.
7. The above parameters are typical values.

Light Distribution

Packing

Size (mm/box)	Quantity /box	QTY/CTN	N.WT (kg/box)	G.WT (kg/box)	G.WT (kg/ctn)	Size (mm/carton)
L156*W150*H125mm	1	18	1.4	1.41	25.38	L484*W466*H272mm

Attentions

- 1、 Non-professionals are prohibited from installing, disassembling and repairing the product.
- 2、 Avoid scratching, distortion and irregular bending of the product during installation; otherwise it may cause irreparable damage to the product.
- 3、 Please use professional cutting tools when cutting.
- 4、 Do not use any acid or alkaline adhesive to fix products.
- 5、 The product can not be used in outdoor or seaside environment.