

Downlight Specification

K2R95L2

— KING 2 series



【Basic Parameters】

- Material: ADC12, spraying surface
- Driver Installation: Remote
- IP grade: IP20/IP54
- CCT: 2700/3000/3500/4000K/2700-6500K optional
- CRI: 90
- SDCM(Light source): <3 Step
- Beam angle: 10°/15°/24°/36°/50° optional
- UGR(X=4H,Y=8H): ≤1(10°/15°/24°), ≤6(36°), ≤10(50°)
- Lighting direction: downward
- Dimming method: Non/0-10V/Traic/DALI optional
- Input voltage: AC220-240V
- Working temperature: -15°C-40°C
- Application: Indoor
- Installation: Trimless Recessed
- Certification: CE, UKCA, ROHS, Reach
- Warranty: 5 years



【Frame Color】



White

【Reflector type】



Round

【Reflector Color】



Matte black



Matte white



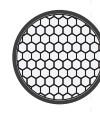
Champagne Gold



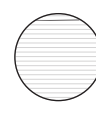
Mirror



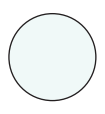
Black chrome



Honeycomb



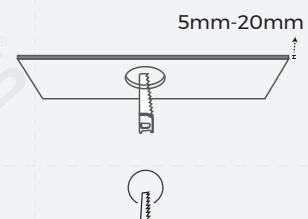
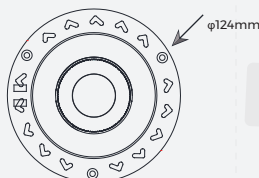
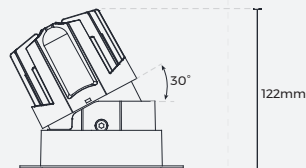
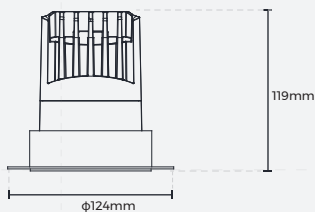
Linear Spread Filter



Diffusion Filter

【Optical Accessory】

【Product mechanical data】



Opening size: φ95mm

[Luminaire Parameters]

Version	Model	Opening Size (mm)	Input Voltage (V)	Input Current (mA)	Type Power (W)	CRI	Beam Angle	CCT	Lumen (LM)
Normal	K2R95L2	φ95	DC36	500	20	>90	10°	3000K	1120
							15°	3000K	1320
							24°	3000K	1640
							36°	3000K	1860
							50°	3000K	1780
				600	25		15°	3000K	1600
							24°	3000K	1950
							36°	3000K	2200
				750	30		15°	3000K	1800
							24°	3000K	2280
							36°	3000K	2580
							50°	3000K	2520
850	35	15°	3000K	1960					
		24°	3000K	2625					
		36°	3000K	2940					
		50°	3000K	2870					
CCT Tunable	K2R95L2	φ95	DC36	500	20	>90	24°	2700K	1140
							36°		1280
							50°		1260
							24°	4000K	1360
							36°		1520
							50°		1520
							24°	6500K	1360
							36°		1500
							50°		1500

CCT Tunable	K2R95L2	φ95	DC36	600	25	>90	24°	2700K	1375
							36°		1550
							50°		1525
							24°	4000K	1650
							36°		1850
							50°		1850
				24°	6500K		1650		
				36°			1825		
				50°			1825		
				750	30		24°	2700K	1530
							36°		1710
							50°		1650
	24°	4000K	1950						
	36°		2190						
	50°		2190						
	24°	6500K	1830						
	36°		2100						
	50°		2100						
	850	35	24°			2700K	1680		
			36°				1890		
			50°				1855		
			24°	4000K	2240				
			36°		2485				
			50°		2485				
24°			6500K	2030					
36°				2310					
50°				2310					

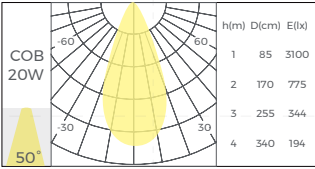
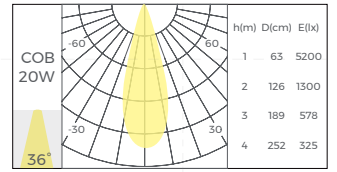
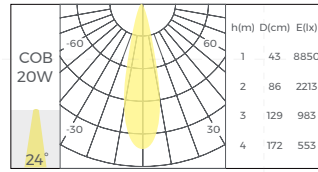
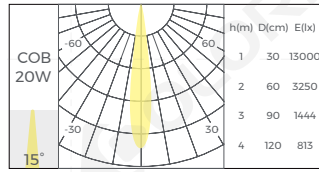
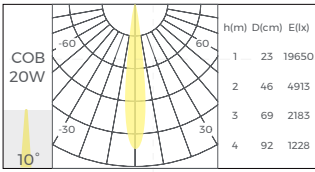
Note:

- The above parameters are tested based on the light source with Color Rendering Index Ra90 and 3000K for the Normal version;
Luminous efficiency & luminous flux at 2700K = 3000K value × 0.95
Luminous efficiency & luminous flux at 3500K = 3000K value × 1.03
Luminous efficiency & luminous flux at 4000K = 3000K value × 1.05
- The input voltage and input current belong to the light source.
- The brand of the light source is CREE.
- The power supply brand used is either Egret or Adim.
- Assembling either honeycomb, Linear Spread Filter and Diffusion Filter will reduce luminous efficacy, UGR and beam angle.
- Luminous flux is allowed to have a ±10% error range;
- The above parameters are typical values.

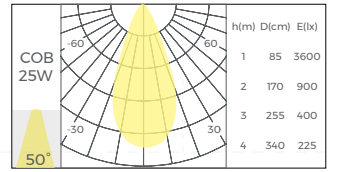
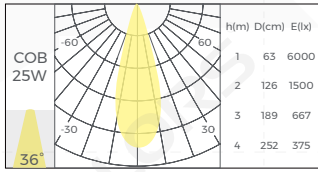
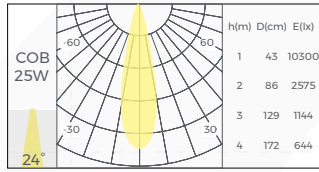
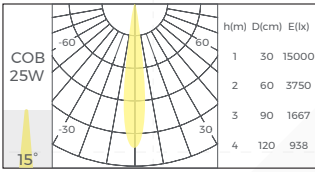
[Optical Parameter]

- Normal

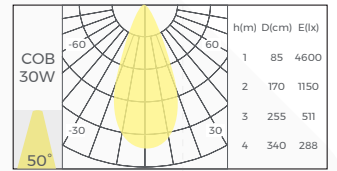
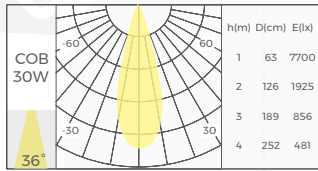
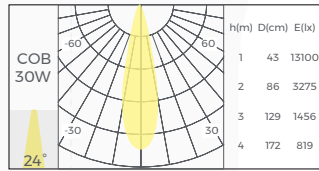
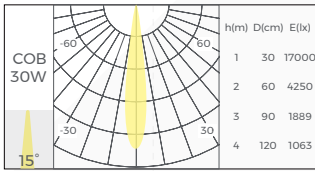
· Type Power: 20W



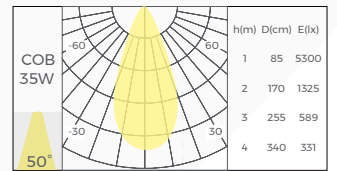
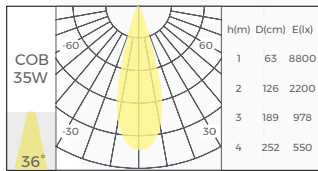
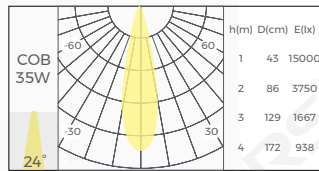
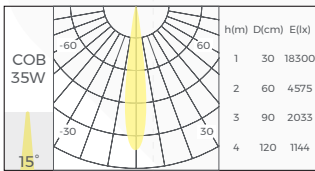
· Type Power: 25W



· Type Power: 30W

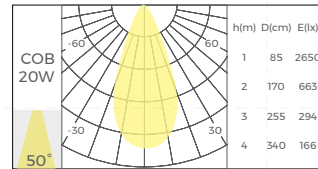
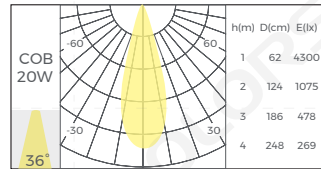
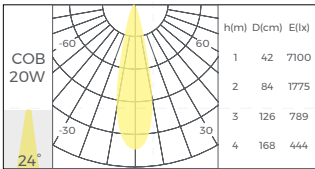


· Type Power: 35W

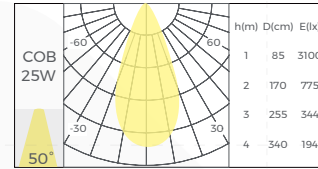
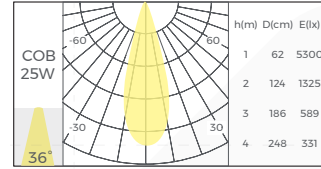
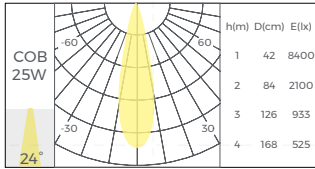


- CCT Tunable

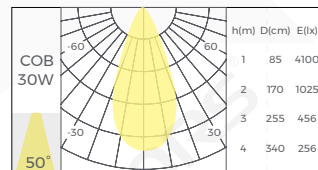
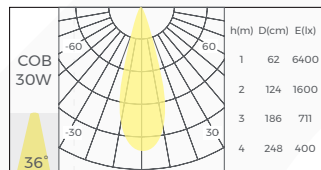
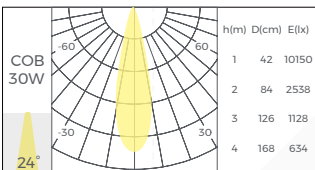
· Type Power:20W



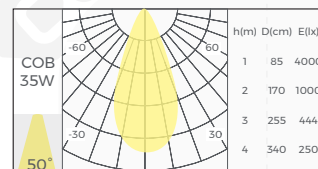
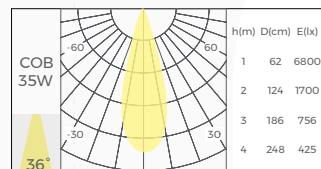
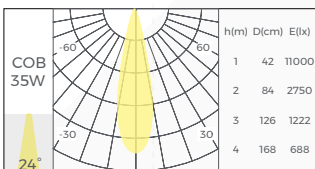
· Type Power:25W



· Type Power:30W



· Type Power:35W



Note:

1. Central light intensity value = 1 meter maximum luminous intensity value;

1. N meter maximum luminous intensity value = Central light intensity value/N²;

For example: 2 meter maximum luminous intensity value = Central light intensity value/2²;

[Packing]

Model	Size (mm/box)	Quantity /box	Quantity /carton	NW (kg/box)	NW (kg/carton)	CW (kg)	Size (mm/carton)
DL-K2R95L2-XXX	166*126*150	1	20	0.84	16.8	20.3	643*345*315

[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 is only suitable for indoor dry places, can not be used in outdoor, seaside or wet environment.