



RECESSED



RECESSED LIGHT

The Construct line offers flexible lighting solutions across all specifications to meet various demands. With surface, pendant, and recessed mounting options, this lighting system allows for specific customization, from residential applications like kitchens, foyers, and offices to commercial applications like art galleries, retail stores, and reception areas. An effortless approach, this perfect solution maximizes lighting creativity.

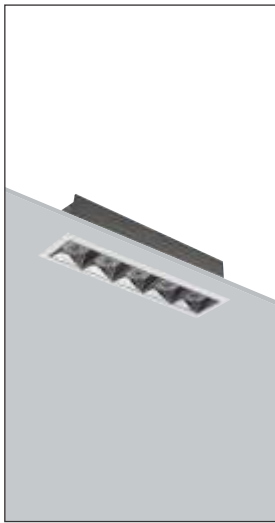
**FIELDS OF APPLICATION**

Office & Education, offices, open-plan offices, conference rooms, conference rooms, reception areas, counters, galleries, hotels, restaurants, living spaces

IEC 62717 LED-modules for general lighting – Performance requirements  
IEC 62722-2-1 Particular requirements for LED luminaires

High Lumen Efficacy 100lm/W  
Body - Die cast aluminum  
Reflector - PMMA Optical lens  
Glowing Wire Test - 650°  
Temperature - ta=20 °C ~ ta max=50 °C  
Class - III

Model ----- **K90**

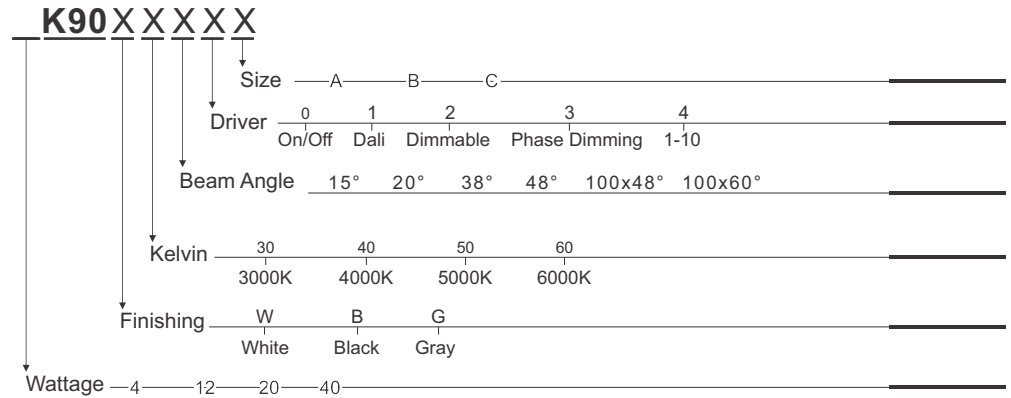


Default Available

**4K90-W-30-24-0-A**



Product Assistant Chart



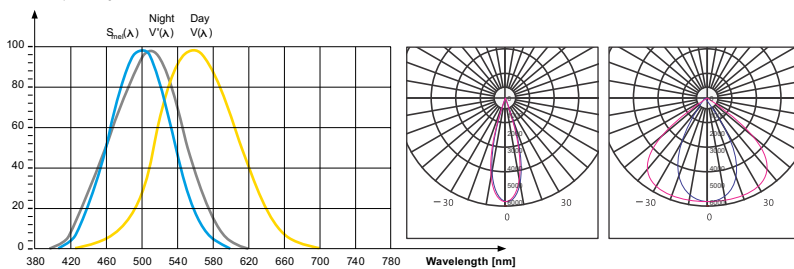
- A** - 54 X 54 X 50mm Cutout 49 X 49
- B** - 130 X 54 X 52mm Cutout 125 X 49
- C** - 206 X 54 X 52mm Cutout 201 X 49
- D** - 396 X 54 X 52mm Cutout 390 X 49

Lighting Customization Solution can offer you modifications for environment with higher options as a customized product.

IP 54      IK 06      COB      McA Step 3      UGR 90>      220-240V

**Relative spectral perception of brightness and melanopic effect**

Effect as a percentage



Explanation of the three curves:  
V(A) = Perception of brightness, daytime seeing with the cones  
V(A) = Night-time seeing with the rods  
S<sub>m</sub>(A) = Melatonin suppression with the photosensitive ganglion cells



LED life time		Operating time 1.000 h										
Lamp Lumen Maintenance Factor	Lamp Survival Factor	1	10	20	30	40	50	60	70	80	90	100
L80	50.000 h	LLMF	1	0.96	0.92	0.88	0.84	0.80	0.76	0.72	0.68	0.64
		LSF	1	1	1	1	1	1	0.99	0.99	0.99	0.98
L80	100.000 h	LLMF	1	0.98	0.96	0.94	0.92	0.90	0.88	0.86	0.84	0.82
		LSF	1	1	1	1	1	1	1	0.99	0.99	0.99



LED

CR> 90

series wiring



CE



LM-80

