



Track Light



Track Light

**FIELDS OF APPLICATION**

1. Retail Lighting Solutions
2. Museum and Art Gallery Illumination
3. Accent Lighting for Residential Spaces
4. Restaurant and Hospitality Lighting
5. Office and Workspace Illumination
6. Exhibition and Trade Show Displays
7. Display Cases and Shelving Lighting
8. Track Lighting for Boutiques
9. Track Lighting for Galleries
10. Showroom Lighting Design
11. Track Lighting for Jewelry Stores
12. Track Lighting in Commercial Spaces
13. Customizable Recessed Track Lights
14. Track Lighting for Interior Design
15. LED Track Lighting for Retail Displays

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

Body - Die cast aluminum  
Glowing Wire Test - 650°  
Temperature - ta=20 °C ~ ta max=50 °C  
Class - III

Model ----- **K86**



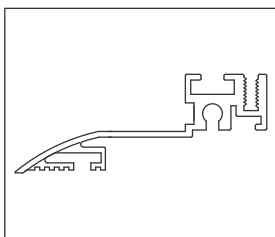
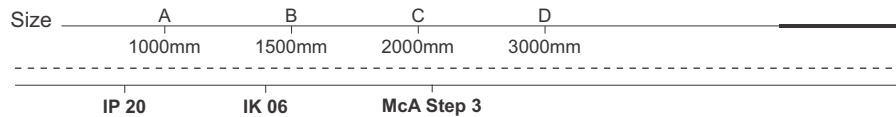
Default Available

**K86-ALU-A**

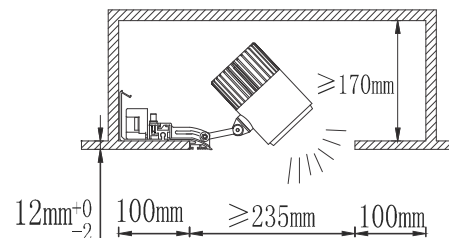
[www.lcslight.de](http://www.lcslight.de)

Product Assistant Chart

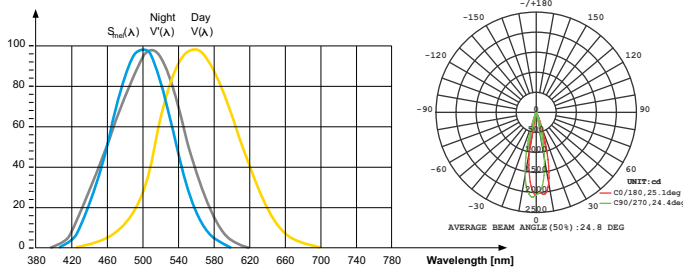
**K86 X**



Size As stated in the drawing



**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>mel</sub>(A) = Melatonin suppression with the photosensitive ganglion cells



LED life time		Operating time 1.000 h										
Lamp Lumen Maintenance Factor		1	10	20	30	40	50	60	70	80	90	100
Lamp Survival Factor		1	1	1	1	1	1	1	1	0.99	0.99	0.99
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



series wiring

