



System luminaires

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 - White PCB, Waterproof
Glowing Wire Test - 850°
Temperature - $t_a = -40\text{ °C} \sim t_a \text{ max} = 55\text{ °C}$
Class - III

Model ----- **K77**



A - 300 X 35mm

Default Available

6K77-ALU-30-12-0-A



Product Assistant Chart

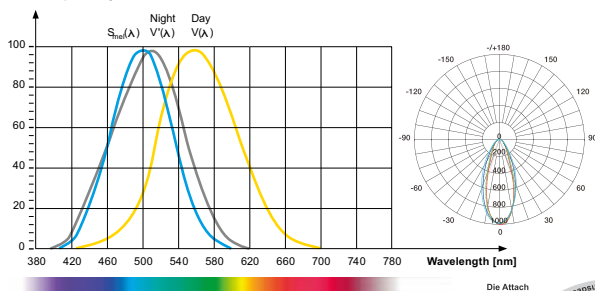
K77 X X X X X				
Size	A			[]
Driver	0 On/Off			[]
Beam Angle	12°	24°	38°	[]
Kelvin	30	40	60	[]
	3000K	4000K	6000K	
Finishing	B			[]
	Black			
Wattage	6	8	12	14

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

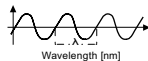
IP 44 IK 08 LED McA Step 4 DC 24V

Relative spectral perception of brightness and melanopic effect

Effect as a percentage



Explanation of the three curves:
 $V(\lambda)$ = Perception of brightness, daytime seeing with the cones
 $V(\lambda)$ = Night-time seeing with the rods
 $S_{mel}(\lambda)$ = 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

CR> 90

series wiring



CE

