

KUBIK PLUS 6W

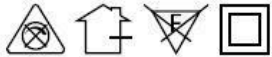
KUBIK PLUS HD BATTEN

Indoor Luminaire

Product Code:

LKBP01S006XC / LKBP01S006XN / LKBP01S006XW

6W - 570lm - 6500K - CRI>80 - Beam Angle 135°



Technical Specifications

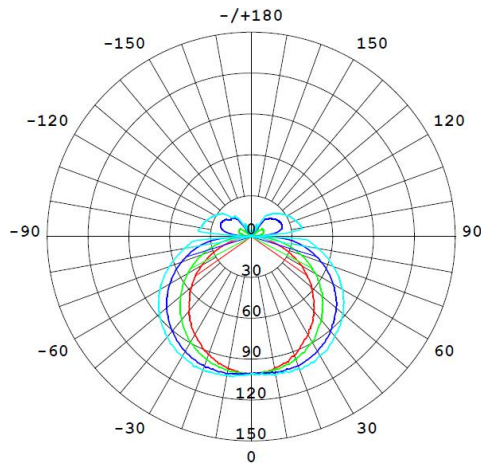
Operating Temperature	-10°C to 40°C
Rated Input Voltage & Frequency	230 VAC, 50Hz
Rated Input Wattage	6W ± 10%
Rated Input Current	0.028 Amp (Nominal)
Power Factor	≥0.90
THD	<15%
Rated Luminous Flux	570 lm / 540 lm / 510 lm (tolerance as per BIS)
Rated Luminaire Efficacy	95 lm/W / 90 lm/W / 85 lm/W (tolerance as per BIS)
Correlated Color Temperature (CCT)	6500 K / 4000 K / 3000 K (tolerance as per ANSI)
Color Rendering Index (CRI)	>80
Beam Angle	135°
Driver Efficiency	≥85%
LED Life Span	>50000 Hrs (Ta=25°C @L70)
Housing	PC. Housing
Lens / Reflector	PC. Diffuser
Mounting	Wall Mount

Protections

Over Voltage Protection	Withstand upto 440V/AC for 4 Hrs.
Surge Protection	±4.0KV
Protection Class	Class II
Ingress Protection (IP Rating)	IP20
Impact Protection (IK Rating)	IK02
Short Circuit Protection	Provided
Open Circuit Protection (No Load)	Provided
Reverse Polarity Protection	Provided

All technical data is subject to industry-standard tolerances.

Light Distribution

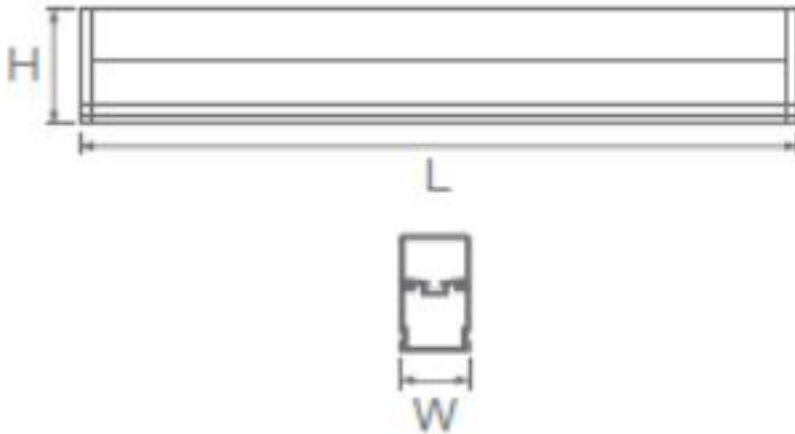


UGR Table

ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3	
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3	
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
Room dimensions	Viewed crosswise					Viewed endwise					
x = 2H y = 2H	14.1	15.4	14.5	15.9	16.4	16.5	17.9	17.0	18.4	18.9	
3H	15.4	16.7	15.9	17.2	17.8	19.0	20.3	19.5	20.8	21.4	
4H	15.9	17.1	16.4	17.6	18.2	20.3	21.6	20.9	22.1	22.7	
6H	16.2	17.3	16.7	17.9	18.5	21.7	22.9	22.3	23.4	24.0	
8H	16.2	17.3	16.8	17.9	18.5	22.5	23.6	23.1	24.1	24.8	
12H	16.2	17.3	16.8	17.8	18.5	23.4	24.4	23.9	25.0	25.6	
4H	2H	15.2	16.5	15.8	17.0	17.6	17.0	18.2	17.6	18.8	19.3
3H	16.9	17.9	17.4	18.5	19.1	19.7	20.8	20.3	21.4	22.0	
4H	17.5	18.5	18.1	19.0	19.7	21.2	22.2	21.8	22.8	23.5	
6H	17.9	18.7	18.5	19.4	20.1	22.8	23.7	23.5	24.3	25.0	
8H	18.0	18.8	18.6	19.4	20.1	23.7	24.5	24.4	25.1	25.9	
12H	18.0	18.7	18.6	19.4	20.1	24.7	25.5	25.4	26.1	26.8	
8H	4H	18.4	19.2	19.0	19.8	20.6	21.5	22.3	22.1	22.9	23.6
6H	19.1	19.8	19.8	20.4	21.2	23.3	24.0	24.0	24.6	25.4	
8H	19.3	19.9	20.0	20.6	21.4	24.4	25.0	25.1	25.7	26.4	
12H	19.4	19.9	20.1	20.6	21.4	25.6	26.1	26.3	26.8	27.6	
12H	4H	18.7	19.4	19.3	20.0	20.8	21.5	22.2	22.1	22.8	23.6
6H	19.5	20.1	20.2	20.8	21.6	23.4	24.0	24.1	24.6	25.4	
8H	19.9	20.4	20.6	21.1	21.9	24.5	25.0	25.2	25.7	26.5	
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1					
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					
2.0H	+ 0.2 / - 0.4					+ 0.2 / - 0.4					

Product Dimensions (L x W x H)

Ø300 X 22 X 37mm



Applications

Residences, Offices, Small Retail Shops, Hotels, Coffee Shops, Restaurants, Hospitals, area lighting and for other indoor applications.