

## KS76 & KS101

DESCRIPTION : SURFACE MOUNT DOWNLIGHT

CODES :

KS76 : 4386

KS101 : 4385

COLOURS : COPPER, STAINLESS STEEL, BRASS, BLACK, WHITE

COLOUR TEMPERATURE : 2700K, 3000K

CRI : 92

LUMENS : 580lm

INPUT VOLTAGE : 220-250V\_AC

WATTAGE : 9.5W

BEAM ANGLE : 60°, 38°, 24°, 15°, 7°

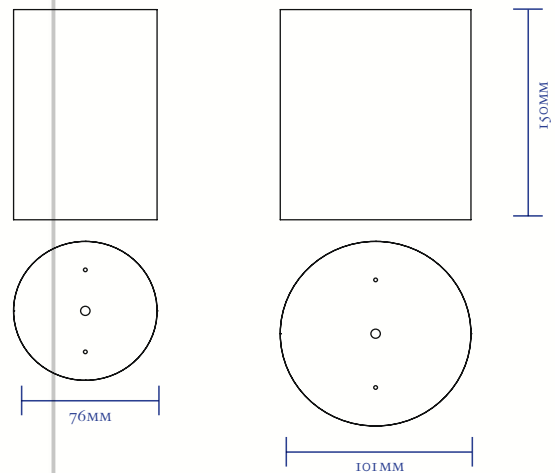
DIMMABLE : YES

PHASE, AUTOMATION, DALI

DRIVER : REMOTE

IP RATING : IP20

CUT OUT : N.A



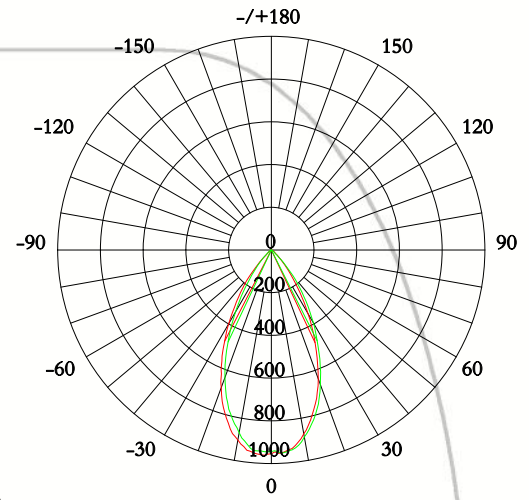
# PHOTOMETRY

MODEL **KS76 & KS101 DOWNLIGHT WITH BT LED v6.8 LAMP**

NOMINAL POWER	9.5W	LIGHT OUTPUT RATIO	100%
RATED VOLTAGE	240V	CIE CLASS	DIRECT
NOMINAL FLUX	762.63 LM	UP	0.1%
LAMPS INSIDE	1	DOWN	99.9%
IMAX	961.2 CD	EFFICIENCY	80.20 LM/W

## CANDELA DISTRIBUTION

VERTICAL ANGLE	HORIZONTAL ANGLE									ZONAL LUMENS
	0°	45°	90°	135°	180°	225°	270°	315°		
10	874.6	869.8	889.0	910.6	903.4	880.9	868.1	873.3	88.14	
20	642.0	651.6	670.3	688.0	685.9	664.4	636.9	623.0	306.3	
30	344.5	372.7	396.5	402.9	400.5	371.4	337.4	323.5	539.3	
40	119.1	143.3	158.9	137.0	157.9	138.2	114.9	109.8	690.0	
50	28.31	23.87	22.48	21.02	21.31	21.61	25.16	27.12	740.1	
60	12.20	9.888	8.162	6.467	6.803	8.035	9.791	10.81	753.8	
70	5.147	3.866	2.539	2.309	1.503	2.602	3.876	5.090	759.1	
80	2.693	1.743	0.8730	0.9571	0.0791	0.6308	1.661	2.543	761.7	
90	0.0007	0	0	0	0	0	0	0	762.2	
100	0	0	0	0	0	0	0	0	762.2	
110	0	0	0	0	0	0	0	0	762.2	
120	0	0	0	0	0	0	0	0	762.2	
130	0	0	0	0	0	0	0	0	762.2	
140	0	0	0	0	0	0	0	0	762.2	
150	0	0	0	0	0.3966	0.3158	0.3955	0.3978	762.3	
160	0.1583	0.2353	0.1582	0.1577	0.6331	0.7098	0.7118	0.6365	762.4	
170	0.6297	0.6255	0.5518	0.4799	0.6331	0.7098	0.7118	0.6365	762.6	
180	0.7122	0.7912	0.8700	0.7161	0.6331	0.7098	0.7118	0.6365	762.6	



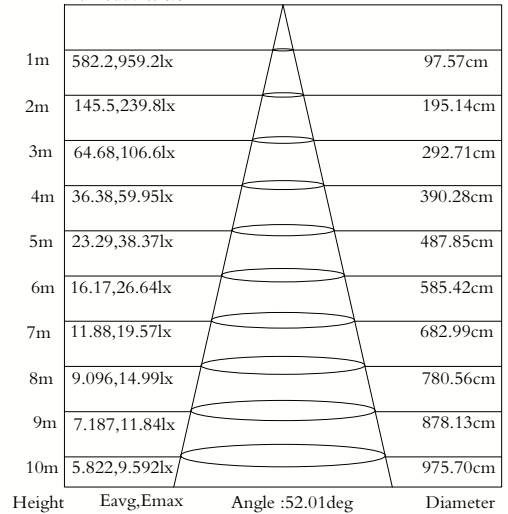
AVERAGE BEAM ANGLE UNIT: CD  
 (50%): 52.2°  
 — C0 180°, 52.4°  
 — C90 270°, 52.1°

VERTICAL ANGLE	HORIZONTAL ANGLE	
	0	90
85	573	37
80	610	198
75	626	265
70	592	292
65	671	318
60	959	642
55	1270	949
50	1732	1375
45	3441	3736

## COEFFICIENTS OF UTILISATION (%)

CEILING	80%			70%			50%			30%			10%			0	
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%		
WALL	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
FLOOR	20%			20%			20%			20%			20%			0	
RCR	0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	.00
1	1.11	1.08	1.06	1.08	1.06	1.04	1.04	1.03	1.01	1.01	1.01	.99	.98	.97	.96	.95	.93
2	1.03	.99	.95	1.01	.97	.94	.98	.95	.92	.92	.92	.90	.92	.90	.88	.87	.87
3	.96	.91	.87	.94	.90	.86	.92	.88	.85	.89	.86	.83	.87	.84	.82	.81	.81
4	.90	.84	.80	.88	.83	.79	.86	.82	.78	.84	.80	.77	.82	.79	.76	.75	.75
5	.84	.78	.74	.83	.77	.73	.81	.76	.73	.79	.75	.72	.78	.74	.71	.70	.70
6	.79	.73	.68	.78	.72	.68	.76	.71	.68	.75	.71	.67	.74	.70	.67	.65	.65
7	.74	.68	.64	.73	.68	.64	.72	.67	.63	.71	.66	.63	.70	.66	.63	.61	.61
8	.70	.64	.60	.69	.64	.60	.68	.63	.59	.67	.63	.59	.66	.62	.59	.58	.58
9	.66	.60	.56	.66	.60	.56	.65	.59	.56	.64	.59	.56	.63	.59	.55	.54	.54
10	.63	.57	.53	.62	.57	.53	.61	.56	.53	.60	.56	.53	.60	.55	.52	.51	.51

Flux out : 474.8 lm



### BODY

THIS IS A TWO PIECE ALUMINIUM DOWNLIGHT WITH A SIMPLE AND EFFECTIVE INSTALLATION. THE BACKPLATE IS REMOVEABLE FROM THE MAIN BODY SO IT IS ABLE TO BE INSTALLED ONTO THE CEILING WITH THE SCREWS, THE LAMP HOLDER WITH LAMP IS THEN ATTACHED. THE CYLINDRICAL BODY HAS THREAD AT THE TOP, WHICH IS THEN SCREWED ONTO THE BACKPLATE IN THE CEILING

### LAMP

BRIGHTTEK LED LAMP WITH DIMMABLE A 36V 250n LED DRIVER. THE BT LAMP IS AVAILABLE IN A WARM WHITE 2700K AND 3000K. 4000K IS AVAILABLE ON CUSTOM REQUEST.

### INSTALLATION

RECESSED DOWNLIGHT.

### POWER SUPPLY

24V LED FLEX & PLUG DRIVE

