



KINGSTON CAST DOWNLIGHT – 76MM – 101MM

DESCRIPTION : TRIMLESS DOWNLIGHT IDEAL FOR OFF FORM CONCRETE

CODE :

KC76 : 4252

KC101 : 4251

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

COLOUR TEMPERATURE : 2700K, 3000K

CRI : 92

LUMENS : 580lm

INPUT VOLTAGE : 220-250V_AC

WATTAGE : 9.5W

BEAM ANGLE : 60°, 38°, 24°, 15°, 7°

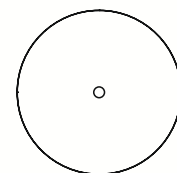
DIMMABLE : YES

PHASE, AUTOMATION, DALI

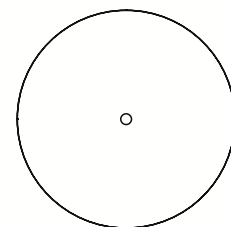
DRIVER : REMOTE

IP RATING : IP20

CUT OUT : N.A



76MM



101MM



MODEL KINGSTON CAST 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

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																	
FLOOR																	
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	.99	.98	.97	.96	.95	.93
2		1.03	.99	.95	1.01	.97	.94	.98	.95	.92	.95	.92	.90	.92	.90	.88	.87
3		.96	.91	.87	.94	.90	.86	.92	.88	.85	.89	.86	.83	.87	.84	.82	.81
4		.90	.84	.80	.88	.83	.79	.86	.82	.78	.84	.80	.77	.82	.79	.76	.75
5		.84	.78	.74	.83	.77	.73	.81	.76	.73	.79	.75	.72	.78	.74	.71	.70
6		.79	.73	.68	.78	.72	.68	.76	.71	.68	.75	.71	.67	.74	.70	.67	.65
7		.74	.68	.64	.73	.68	.64	.72	.67	.63	.71	.66	.63	.70	.66	.63	.61
8		.70	.64	.60	.69	.64	.60	.68	.63	.59	.67	.63	.59	.66	.62	.59	.58
9		.66	.60	.56	.66	.60	.56	.65	.59	.56	.64	.59	.56	.63	.59	.55	.54
10		.63	.57	.53	.62	.57	.53	.61	.56	.53	.60	.56	.53	.60	.55	.52	.51

BODY

THE CYLINDRICAL BODY AND CONCRETE CAN IN ONE, MADE FROM 316 STAINLESS STEEL OR COPPER, PROVIDE A NEW AND INNOVATIVE WAY OF INCORPORATING LIGHTING INTO OFF FORM CONCRETE CEILINGS. THE BODY IS FIXED TO THE FORM WORK WITH A DISPOSABLE BOLT, ONCE CABLING HAS BEEN RUN TO THE FITTINGS AND THE CONCRETE IS Poured AROUND IT, LEAVING A TRIMLESS AND SEAMLESS FITTING. THE LAMP HOLDER WITH OUT BT LED LAMP IS THEN INSERTED.

LAMP

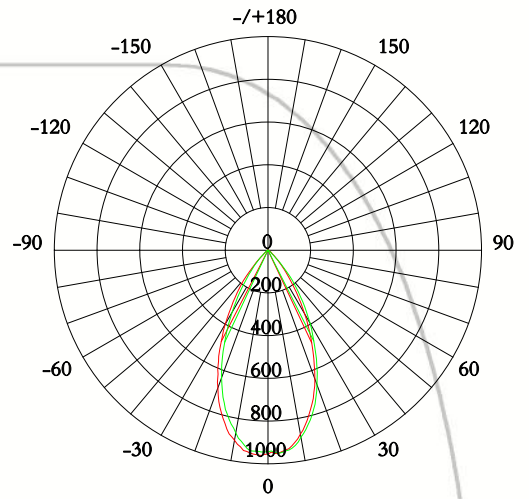
BRIGHTTEK LED LAMP WITH DIMMABLE A 36V 250h LED DRIVER. THE BT LAMP IS AVAILABLE IN A WARM WHITE 2700K AND 3000K. 4000K IS AVAILABLE ON CUSTOM REQUEST.

INSTALLATION

RECESSED DOWNLIGHT.

POWER SUPPLY

24V LED FLEX & PLUG DRIVE



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

Flux out : 474.8 lm

