

2x4 BEETLE RETROFIT KIT(32W)

SAMJIN®



PRODUCT SPECIFICATION

PERFORMANCE	BT24K-032
Light Output (lm)	3,840
Power (W)	32
LPW (lm/W)	120
CCT (K)	4000K
CRI (Ra)	>80
Power Factor	> 0.9
Input Voltage	120 – 277

※ Tolerance Range : ± 10%

PHYSICAL INFO	L×W×H
Dimension (mm / inch)	1164x573x90 / 45.8x22.6x3.5
Weight (kg / lb)	6.5 / 14.3

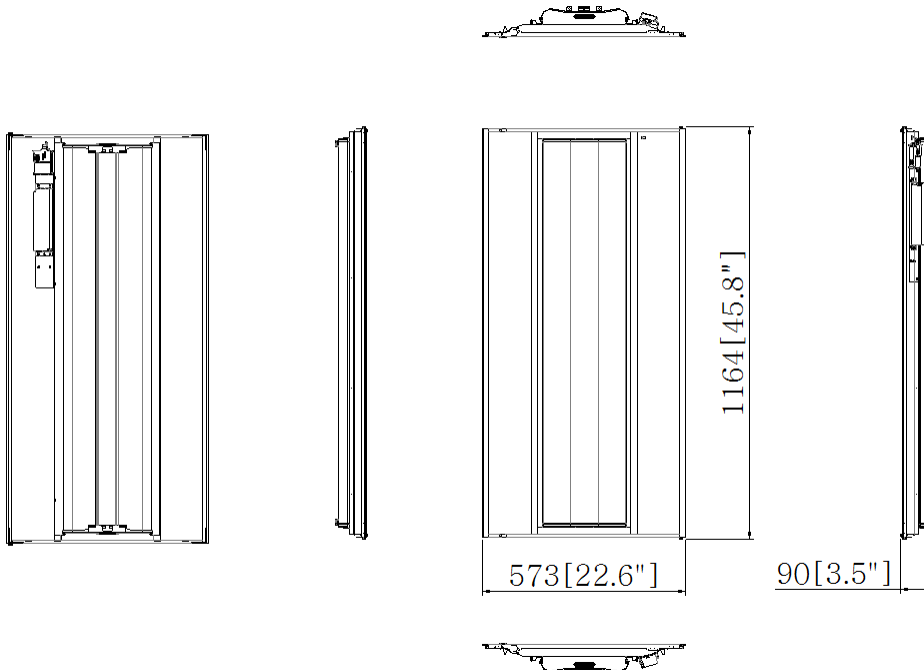
PRODUCT DESCRIPTION

- System Input Power: 32W
- Efficacy: 120 lm/W
- Input Frequency: 50/60Hz

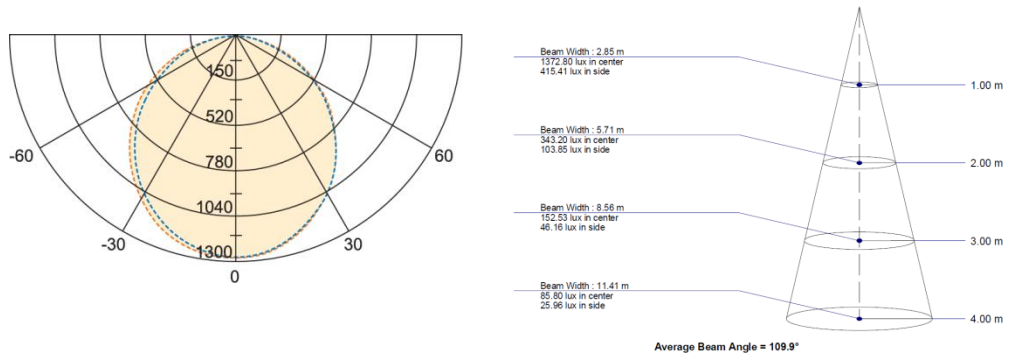
CERTIFICATIONS & QUALIFICATIONS



DIMENSIONS



LIGHT DISTRIBUTION & DISTANCE LUMINARY – BT24K-032



ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	Luminaire
0~30	1,217	32	32
30~60	1,937	50	50
60~90	685	18	18
0~90	3,840	100	100

COEFFICIENTS OF UTILIZATION

RC	90				70				50			0
	60	50	30	10	60	50	30	10	50	30	10	0
RCR (0)	1.10	1.10	1.10	1.10	1.08	1.08	1.08	1.08	1.05	1.05	1.05	1.00
1	1.00	0.98	0.94	0.91	0.97	0.95	0.92	0.89	0.93	0.90	0.88	0.84
2	0.90	0.86	0.80	0.75	0.87	0.84	0.78	0.74	0.82	0.77	0.73	0.69
3	0.81	0.76	0.69	0.63	0.78	0.74	0.68	0.62	0.72	0.66	0.61	0.58
4	0.73	0.68	0.60	0.53	0.71	0.66	0.59	0.53	0.64	0.58	0.52	0.50
5	0.67	0.61	0.53	0.46	0.64	0.59	0.52	0.46	0.58	0.51	0.45	0.43
6	0.61	0.55	0.47	0.40	0.59	0.54	0.46	0.40	0.52	0.45	0.40	0.37
7	0.56	0.50	0.42	0.36	0.54	0.49	0.41	0.35	0.48	0.40	0.35	0.33
8	0.52	0.46	0.38	0.32	0.50	0.45	0.37	0.32	0.44	0.37	0.31	0.29
9	0.48	0.42	0.34	0.29	0.46	0.41	0.34	0.28	0.40	0.33	0.28	0.26
10	0.45	0.39	0.31	0.26	0.43	0.38	0.31	0.26	0.37	0.30	0.26	0.24

CR = Room Cavity Ratio
 RC = Effective Ceiling Cavity Reflectance
 RW = Wall Reflectance

ORDERING INFORMATION

BT	24K	-	032
Model	Lighting Area	-	Wattage
BEETLE	2x4 RETROFIT	-	32W