

BT24K (2x4) 32W RETROFIT Series



Wireless Controlled
SKCT - SMART Dimming "Color Tuning"



Product Description

- System Input Power: 32W
- Efficacy: 120 lm/W
- Input Frequency: 50/60Hz
- CCT: 2700K ~ 6500K

Wireless controls w/SMART Dimming & Color tunable

BT Smart System is an advanced color tunable office lighting system that can provide daylight simulation between 2,700K to 6,500K, while dynamically interacting with both occupancy and photo sensors.

Control:
SKCT - SMART Dimming "Color Tuning"

PERFORMANCE	BT24K-032SKCTSUS
Light Output (lm)	3,840
Power (W)	32
LPW (lm/W)	120
CCT (K)	"2700K ~ 6500K"
CRI (Ra)	>84
Power Factor	>0.9
Input Voltage	120 - 277

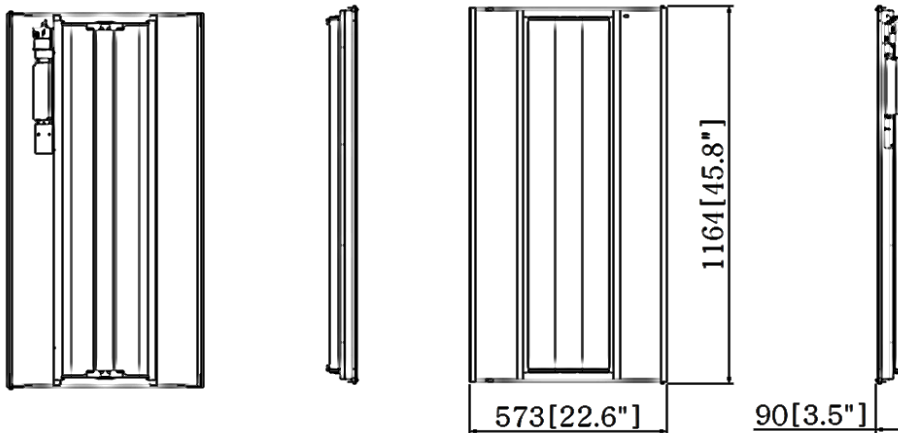
* Tolerance Range : ± 10%

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

CERTIFICATIONS & QUALIFICATIONS



DIMENSIONS



ORDERING INFORMATION

BT	24K	032	SK	CT	SUS
Model	Light Panel Size	Wattage	Control Option	CCT	US Standard
BT Troffer	2' x 4' Retrofit Kit	032 - 32 Watt	SK Smart Kelvin Control	CT Tunable	Recessed

U.S. Sales Partner ~
Controlled Lighting Corp.

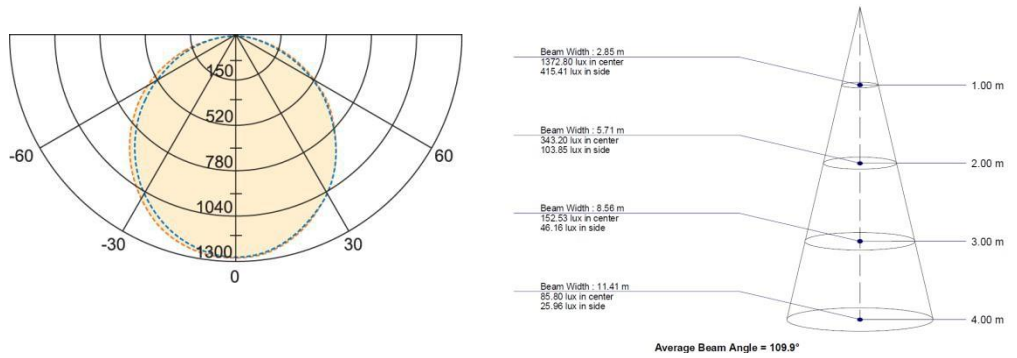
NY - 914-806-6684 ~ CA - 415-935-1346
sales@controlledlighting.net

SAMJIN LED Inc.

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Rev. 3/1/18
Specifications subject to change without notice.

LIGHT DISTRIBUTION & DISTANCE LUMINARY



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
RW	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