

# 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

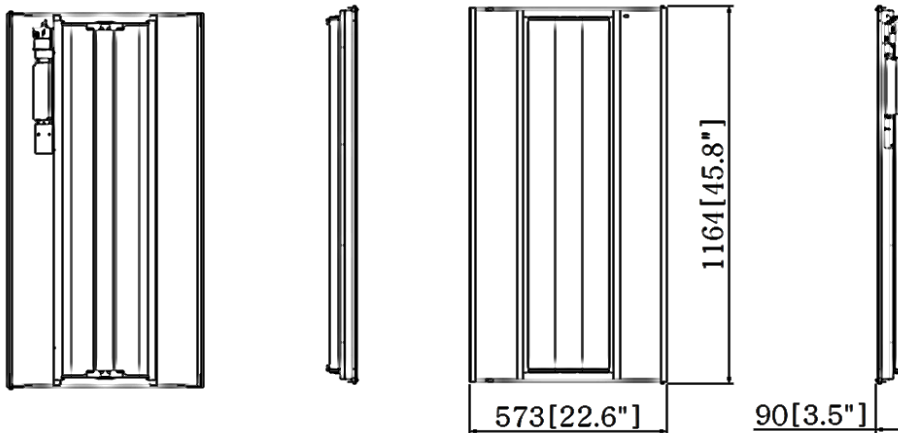
\* Tolerance Range : ± 10%

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.

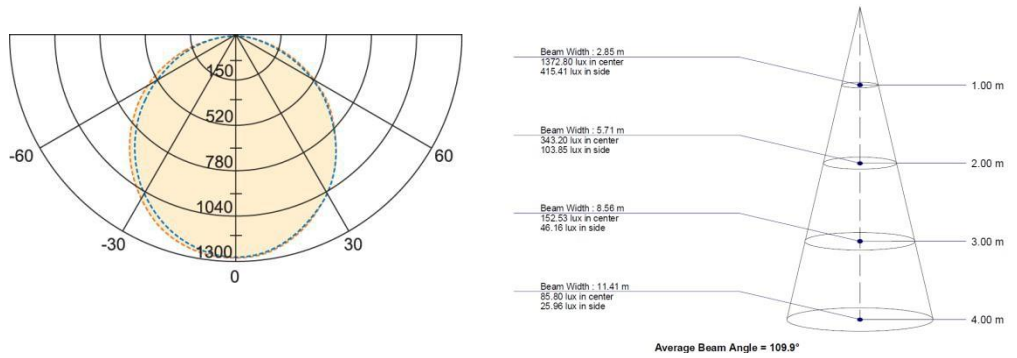
NY - 914-806-6684 ~ CA - 415-935-1346  
[sales@controlledlighting.net](mailto:sales@controlledlighting.net)

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