

## Wireless Controlled SKCT - SMART Dimming "Color Tuning"



### Product Description

- System Input Power: 24W
- Efficacy: 115 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	BT22K-024SKCTSUS
Light Output (lm)	2,760
Power (W)	24
LPW (lm/W)	115
CCT (K)	"2700K ~ 6500K"
CRI (Ra)	>80
Power Factor	>0.9
Input Voltage	120 – 277

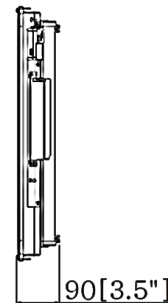
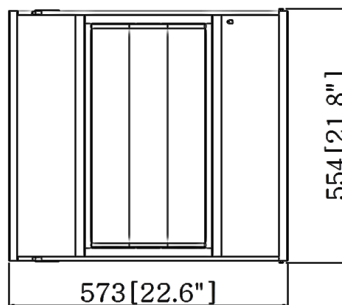
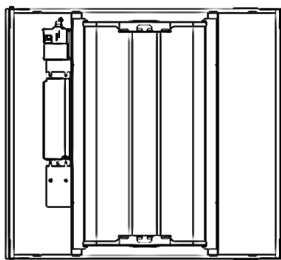
\* Tolerance Range : ± 10%

PHYSICAL INFO	L×W×H
Dimension (mm /inch)	554x573x90 / 21.8x22.6x3.5
Weight (kg /lb)	3.2 /7.1

### CERTIFICATIONS & QUALIFICATIONS



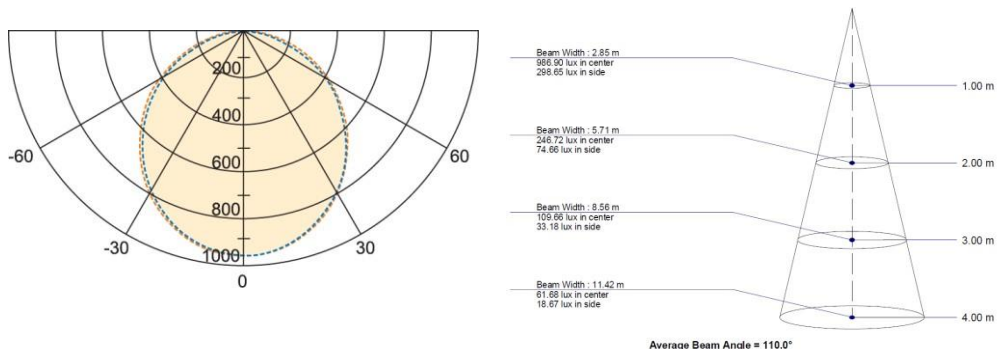
### DIMENSIONS



### ORDERING INFORMATION

BT	22K	024	SK	CT	SUS
Model	Light Panel Size	Wattage	Control Option	CCT	US Standard
BT Troffer	2' x 2' Retrofit Kit	024 - 24 Watt	SK Smart Kelvin control	CT Tunable	Recessed

**LIGHT DISTRIBUTION & DISTANCE LUMINARY**



**ZONAL LUMEN SUMMARY**

Zone	Lumens	% Lamp	Luminaire
0~30	875	32	32
30~60	1,393	50	50
60~90	493	18	18
0~90	2,760	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	0.83	
<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	0.67	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