

BEETLE 1X4 Series (24W & 32W)



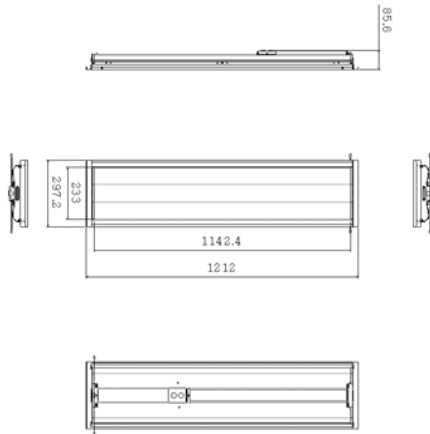
PRODUCT DESCRIPTION

Beetle Smart System is an advanced tunable office lighting system that can provide daylight simulation between 2,700K to 6,500K, while dynamically interacting with both occupancy and photo sensors. Color temperature can be pre-programmed in order to follow a strategic configuration which will empower the end user to optimize the lighting environment.

APPLICATIONS

Office	School
Hospital	Daycare
Fitness Center	Retail

DIMENSIONS



PERFORMANCE OVERVIEW

PERFORMANCE	BT14-024SKCT-USR1	BT14-032SKCT-USR1
Light Output (Lm)	2,650	3,350
Power (W)	24	32
Efficacy (Lm/W)	110	105
CCT (K)	2,700K-6,500K	2,700K-6,500K
CRI	83	83
Power Factor	0.9	0.9
Input Voltage (V)	120-277	120-277

PHYSICAL INFO

Dimension (inch)	48 (L) x 12 (W) x 3.4 (H)
Weight (lb)	14.4

INSTALLATION

Beam Angle	110°
Control	Smart Kelvin control / Smart dimming/ 0-10 dimming
Mounting	Recessed or Pendant

WARRANTY

5-Year Warranty (Terms and Conditions Apply)

CERTIFICATIONS & QUALIFICATIONS



4000K only

ORDERING INFORMATION

BT	14	024	SK	CT	USR1
Model	Light Panel Size	Wattage	Control Option	CCT	Fixture Size
Beetle Smart System	1' x 4'	024 24 watt 032 32 watt	SK Smart Kelvin control DM 0-10V Dimming	CT 2700K-6500K 40 4000K 50 5000K	USR1 1' x 4'

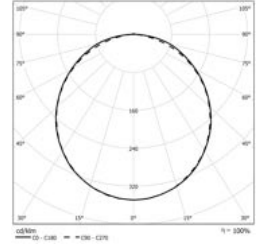


U.S. Sales Partner

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Rev. 3/17/15
Specifications subject to change without notice

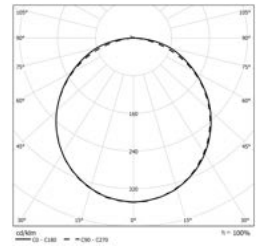
Zone	Lumens	% Lamp	Luminaire
0-30	674.8	31.0%	31.0%
0-40	1,054.2	48.5%	48.5%
0-60	1,763.7	81.1%	81.1%
60-90	400.4	18.4%	18.4%
0-90	2,164.1	99.5%	99.5%



90				70				50				0
60	50	30	10	60	50	30	10	50	30	10	0	
110	110	110	110	107	107	107	107	105	105	105	99	
99	97	93	90	96	95	91	88	92	90	87	83	
89	86	79	74	86	83	78	73	81	76	72	68	
80	76	68	62	78	74	67	61	71	66	61	57	
73	68	59	53	70	66	58	52	64	57	52	49	
66	61	52	46	64	59	51	45	57	50	45	42	
61	55	46	40	58	53	45	39	52	45	39	37	
56	50	41	35	53	48	41	35	47	40	35	32	
51	45	37	31	49	44	37	31	43	36	31	30	
47	42	34	28	46	41	33	28	40	33	28	26	
44	39	31	25	43	38	30	25	37	30	25	23	

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

Zone	Lumens	% Lamp	Luminaire
0-30	765.0	31.0%	31.0%
0-40	1,195.5	48.5%	48.5%
0-60	2,001.2	81.1%	81.1%
60-90	453.9	18.4%	18.4%
0-90	2,455.4	99.5%	99.5%



90				70				50				0
60	50	30	10	60	50	30	10	50	30	10	0	
110	110	110	110	107	107	107	107	105	105	105	99	
99	97	93	90	96	95	91	88	92	89	87	83	
89	86	79	74	86	83	78	73	81	76	72	68	
80	76	68	62	78	74	67	61	71	66	61	57	
73	68	59	53	70	66	58	52	64	57	52	49	
66	61	52	45	64	59	51	45	57	50	45	42	
61	55	46	40	58	53	45	39	52	45	39	37	
56	50	41	35	53	48	41	35	47	40	35	32	
51	45	37	31	49	44	37	31	43	36	31	29	
47	42	34	28	46	41	33	28	40	33	28	26	
44	39	31	25	43	38	30	25	37	30	25	23	

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