SKU#: _____ PROJECT NAME: _____ DATE: _____

TRULY GREEN SOLUTIONS

ALP™ G2 Area Light

DESCRIPTION

Offering up to 80,000 lumens, ALP™ G2 can replace 100W to 1000W metal halide luminaires, making it one of the most versatile fixtures currently available. Standard features include a pressure release valve, 10kV surge protection, and redesigned tool-less entry for easy maintenance. Multiple NEMA beams patterns are available, which deliver light at a maximum efficiency of 160 LpW. An extensive selection of accessories, including photocell receptacles, motion sensor, shields, finish colors, mounts, and backlight control louvers make ALP G2™ the ideal choice for superior illumination of outdoor areas.

APPLICATIONS

Commercial Parking Lots, Pedestrian Pathways, Street Lighting

c ETL us Intertek FC 5 YEAR WARRANTY RADIANT™ WIRELESS CONTROL SYSTEM

FEATURES

Construction
Rugged die-cast aluminum housing.
Modular lighting engine: IP67 Rating

Finish
Dark Bronze (Standard), White, Grey, Black

EPA Rating/Enclosure Rating
EPA: See Page 4.
Enclosure: IP66 Rating

Operating Temperature
-40°F~104°F

Electrical
Input Voltage: 120-277V or 277-480V (Optional)
Projected L70> 140,000 hrs
Surge Protection:
- 10kV Standard
- 20kV Optional

Power Factor
>0.9

Controls
1-10V Dimming standard.
Bi-level Occupancy/Daylight Harvesting Sensor available.
Photocell options available.
Radiant Wireless Control System available.

Optical System
Available in distribution:
Type II, Type III, Type IV, and Type V

CCT
3000K, 4000K, 5000K, 5700K

CRI
≥70

Installation/Mounting
See Page 3.

Warranty
5 Year Warranty.
See warranty documentation for more information.

IP66 Fixture

Dark Sky Friendly (Zero Uplight/ 3000K)

Photocell Option

Bi-Level Occupancy/ Daylight Harvesting Sensor Option

Ordering Information

EXAMPLE: ALP2-200-50-3-U-SLA-D-D0

Series	Wattage	CCT	Distribution	Input Voltage	Mount	Finish	Control
ALP2	80 - 80W 100 - 100W 120 - 120W 150 - 150W 200 - 200W 240 - 240W 320 - 320W 400 - 400W 500 - 500W	30 - 3000K 40 - 4000K 50 - 5000K 57 - 5700K	2 - Type II 3 - Type III 4 - Type IV 5 - Type V	U - 120-277VAC H - 277-480VAC	SLA (For 2.36" Round Tenon) SLB (For 1.57" Round Tenon) SLC (For 1.97" Round Tenon) SLD (For Square Pole) SLE (For Round Pole)	D - Dark Bronze *G - Gray *B - Black *W - White	D0 (Without Control Sensors) D1-5SC (5 Pin Receptacle W/Shortcap) D1-5PC (5 Pin Receptacle W/On/Off Photocell) D1-7SC (7 Pin Receptacle W/Shortcap) D1-7PC (7 Pin Receptacle W//On/Off Photocell) D1 (Radiant Wireless Control System) D4 (Bi-level Occupancy/Daylight Harvesting Sensor)

Accessories

***Note: Back Light Control sold as individual units:**
- **ALP2-S-BLC [2 units (80W~200W)]**
- **ALP2-S-BLC [3 units (240W~320W)]**
- **ALP2-M-BLC [3 units (400W~500W)]**

Please note how many units you require when ordering.

ALP2-TRU (Trunnion)
ALP2-TEN (Wall Mount Tenon)
ALP2-FS (Field Adjustable Lumen Switch)
SP-U-20kV (20kV/10kA Surge Protection [120-277V])
SP-H-20kV (20kV/10kA Surge Protection [277-480V])
DSF (Dark Sky Friendly [3000K])

ALP2-S-BLS (Back Light Shield [80W~200W])
ALP2-M-BLS (Back Light Shield [240W-500W])
ALP2-S-FLS (Full Light Spill Shield [80W~200W])
ALP2-M-FLS (Full Light Spill Shield [240W-500W])
*ALP2-S-BLC (Back Light Control [80W~320W])
*ALP2-M-BLC (Back Light Control [400W~500W])

Specifications and Dimensions subject to change without notice.

***MOQ and longer lead times may apply, please contact customer service for more information.**

9601 Variel Ave I Chatsworth, CA 91311 I Ph: (818) 206-4404 I trulygreensolutions.com
© 2020 Truly Green Solutions. All rights reserved.

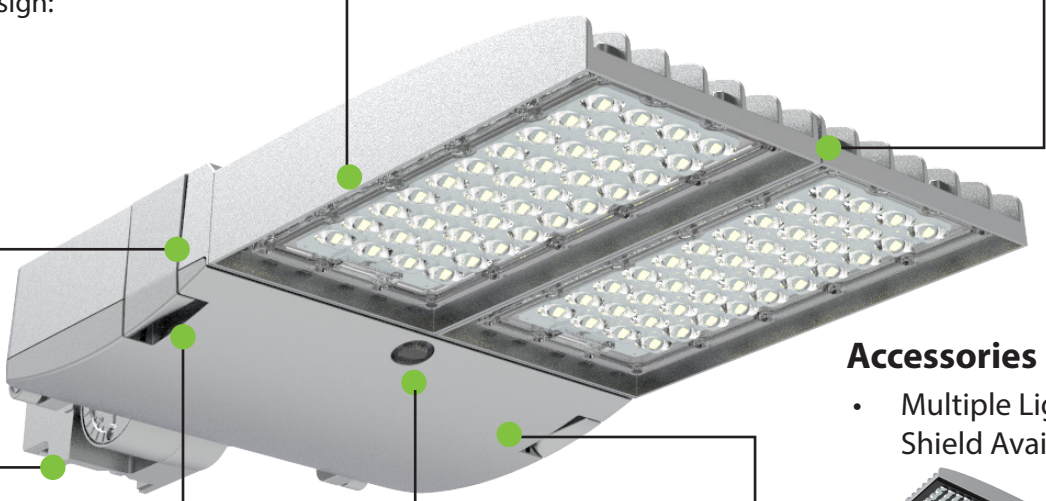
Features

Finish
- Corrosion Resistant Polyester
- Standard Finish: Dark Bronze
- Available Finish:

Dark Bronze Pantone: Black 7 U | Gray Pantone: Cool Gray 3 U | Black Pantone: Black 3 C | White Pantone: 663 M

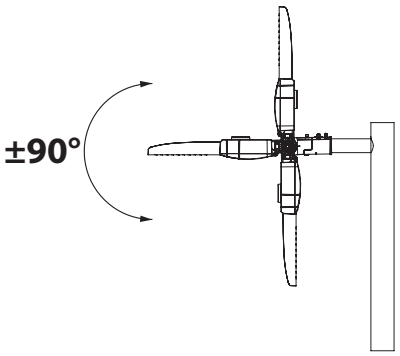
LED Module
- IP67 LED Module
- Type II, III, IV, V Distribution

Constructions
- IP66 Die-cast Aluminum Housing
- Modular Design For Easy Installation, Replacement, & Maintenance
- Sleek Low Profile Design: Low EPA Rating



Accessories
- Multiple Light Spill Shield Available

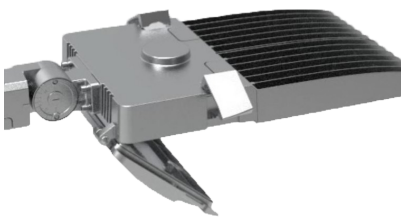
Mounting
- Standard Mounting Diameter: 2.36" (60mm)
- 6 Mounting Options
- Adjustable Mounting



Pressure Release Valve
- Release Pressure To Prevent Moisture Buildup

Electrical/Control
- 120-277VAC & 277-480VAC Available
- Photocell or Bi-level Occupancy/ Daylight Harvesting Sensor Available
- Surge Protection:
  - 10kV Standard
  - 20kV Optional
- Radiant Wireless Control System

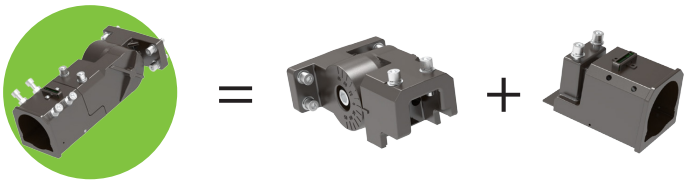
Tool-less Driver Compartment
- Convenient Tool-less Driver Compartment Release For Quick Wiring & Service



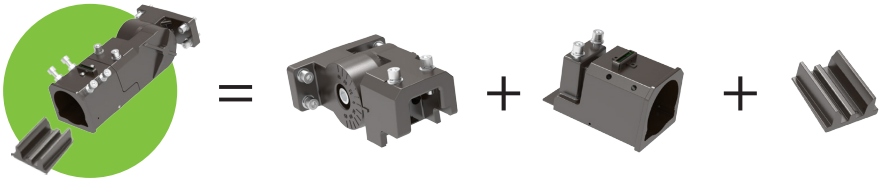
9601 Variel Ave I Chatsworth, CA 91311 I Ph: (818) 206-4404 I trulygreensolutions.com
© 2020 Truly Green Solutions. All rights reserved.

Bracket Installation

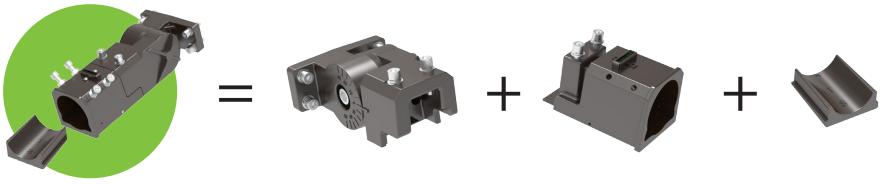
SLA (For 2.36" Round Tenon)



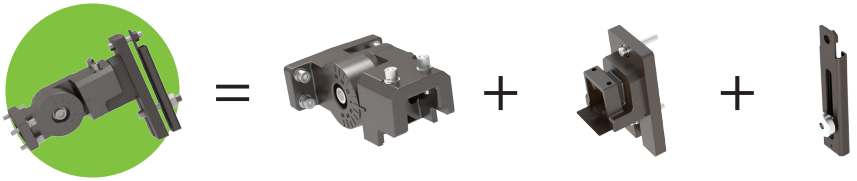
SLB (For 1.57" Round Tenon)



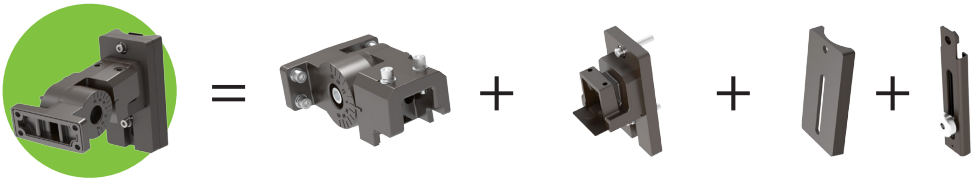
SLC (For 1.97" Round Tenon)



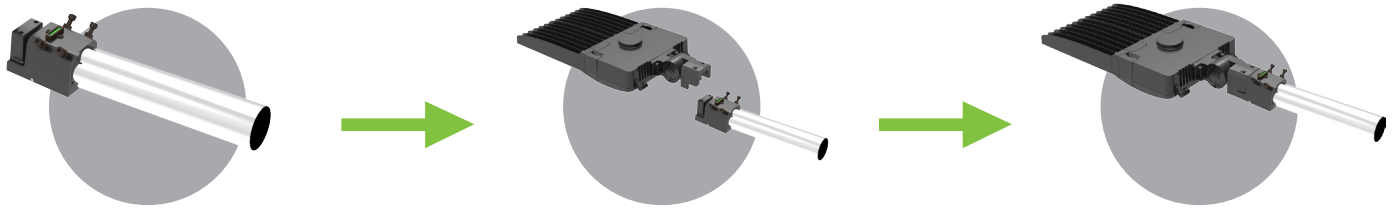
SLD (For Square Pole)



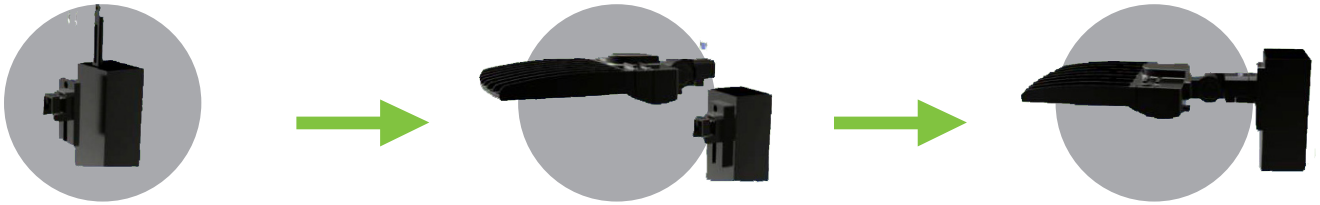
SLE (For Round Pole)



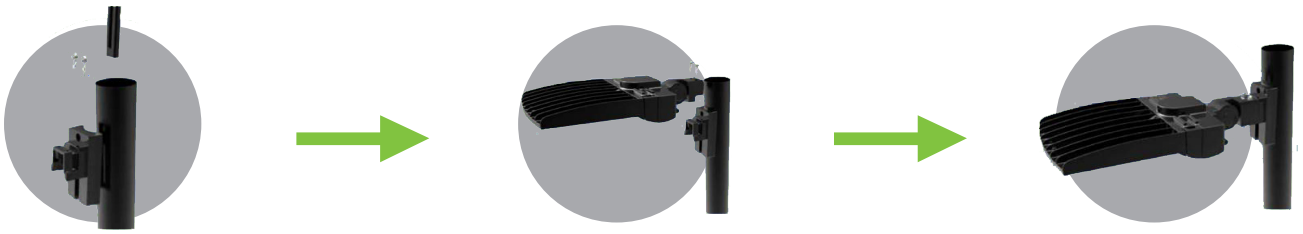
SLA, SLB, or SLC — Different O.D. Tenon Mount



SLD — Square Pole Mount

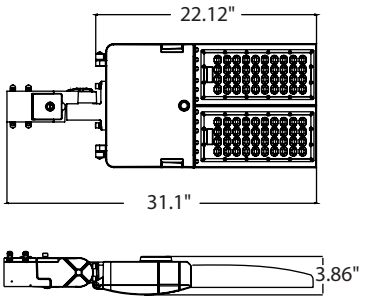


SLE — Round Pole Mount



9601 Variel Ave I Chatsworth, CA 91311 I Ph: (818) 206-4404 I trulygreensolutions.com
© 2020 Truly Green Solutions. All rights reserved.

Technical Detail



Wattage	*System Efficacy 3000K	*System Efficacy 4000K/5000K/5700K
80W	150lm/W	160lm/W
100W	150lm/W	160lm/W
120W	140lm/W	155lm/W
150W	140lm/W	155lm/W
200W	140lm/W	150lm/W

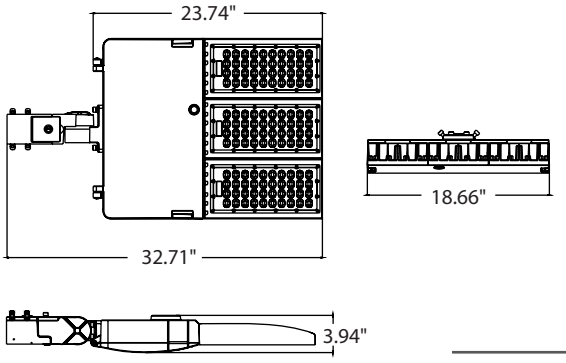
EPA: 0.5ft²

Net weight: 21.3 lbs.

Gross weight : 24.0 lbs.

Product Dimension: 31.1"x12.44"x3.86"

Configuration	1	2@180°	2@90°	3@90°	3@120°	4@90°
EPA (ft²)	0.50	1.00	0.77	1.27	0.93	1.27
Weight (lbs.)	21.3	42.6	42.6	63.9	63.9	85.2



Wattage	*System Efficacy 3000K	*System Efficacy 4000K/5000K/5700K
240W	145lm/W	160lm/W
320W	135lm/W	150lm/W

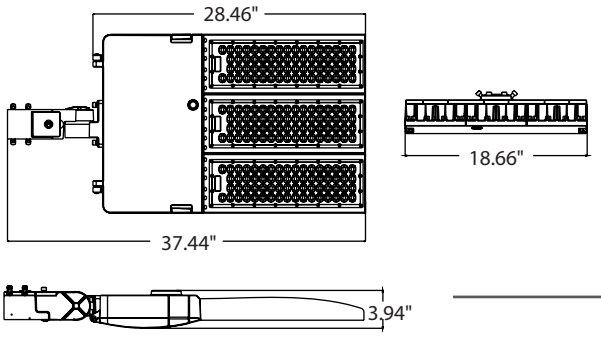
EPA: 0.53ft²

Net weight: 26.9 lbs.

Gross weight : 30.4 lbs.

Product Dimension: 32.7"x18.66"x3.94"

Configuration	1	2@180°	2@90°	3@90°	3@120°	4@90°
EPA (ft²)	0.53	1.06	0.96	1.49	0.99	1.49
Weight (lbs.)	26.9	53.8	53.8	80.7	80.7	107.6



Wattage	*System Efficacy 3000K	*System Efficacy 4000K/5000K/5700K
400W	140lm/W	150lm/W
500W	130lm/W	135lm/W

EPA: 0.6ft²

Net weight: 33.0 lbs.

Gross weight : 37.0 lbs.

Product Dimension: 37.44"x18.66"x3.94"

Configuration	1	2@180°	2@90°	3@90°	3@120°	4@90°
EPA (ft²)	0.60	1.20	1.03	1.63	1.12	1.63
Weight (lbs.)	33.0	66.0	66.0	99.0	99.0	132.0

9601 Variel Ave I Chatsworth, CA 91311 I Ph: (818) 206-4404 I trulygreensolutions.com
© 2020 Truly Green Solutions. All rights reserved.

Peformance Table

Lumen Output

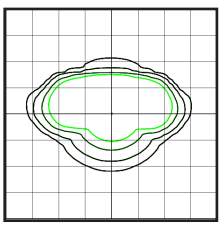
Lumen value are from photometric test performed in accordance with IESNA LM-70-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts Contact factory for performance data on any configurations not shown here.

System Watts	Dist. Type	3000K				4000K				5000K			
		Lumens	B	U	G	Lumens	B	U	G	Lumens	B	U	G
80W	2					13390	3	0	2				
	3					13203	2	0	2				
	4					13127	2	0	3				
	5					12766	3	0	2				
100W	2					16332	3	0	2				
	3					16274	2	0	2				
	4					15961	3	0	2				
	5					15860	3	0	3				
120W	2	17205	3	0	3	17511	3	0	2	17983	3	0	2
	3	17324	2	0	2	17853	3	0	2	18396	2	0	2
	4	17514	3	0	2	17604	3	0	2	17974	3	0	2
	5	17893	4	0	2	18369	4	0	2	18601	4	0	2
150W	2	21297	3	0	3	21813	3	0	3	22381	3	0	3
	3	21448	3	0	3	22345	3	0	3	22907	3	0	3
	4	21058	3	0	3	22225	3	0	3	22401	3	0	3
	5	21603	4	0	2	22729	4	0	2	23289	4	0	2
200W	2	27891	3	0	3	28524	3	0	3	29358	3	0	3
	3	27944	3	0	3	28954	3	0	3	29612	3	0	3
	4	27083	3	0	3	28564	3	0	3	29221	3	0	3
	5	27561	5	0	3	29729	5	0	3	30264	5	0	3
240W	2	34805	4	0	3	36651	4	0	3	37339	4	0	3
	3	35476	3	0	4	36527	4	0	4	37955	4	0	4
	4	34854	4	0	4	37052	4	0	4	37685	4	0	4
	5	35529	5	0	5	37720	5	0	4	38930	5	0	3
320W	2	44481	4	0	3	45022	4	0	4	48034	4	0	3
	3	42375	4	0	4	44784	4	0	4	46333	4	0	4
	4	42401	4	0	4	45096	4	0	4	46150	4	0	4
	5	42859	5	0	3	46772	5	0	4	48317	5	0	4
400W	2	55736	5	0	5	58008	5	0	4	59172	5	0	4
	3	55611	5	0	5	57664	5	0	5	59443	5	0	5
	4	56058	5	0	4	57883	5	0	5	59168	5	0	4
	5	57085	5	0	4	59260	5	0	4	61459	5	0	4
500W	2	65018	5	0	4	67761	5	0	4	69196	5	0	4
	3	63624	5	0	5	66690	5	0	5	67478	5	0	5
	4	63963	5	0	5	65758	5	0	5	67807	5	0	5
	5	65463	5	0	4	67945	5	0	5	69639	5	0	4

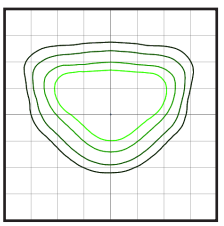
Photometric Data

* IESNA LM-63 IES Available

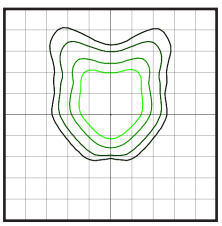
Mounting Height	15'	20'	25'	30'	35'
Multiplier	2.8	1.6	1.0	0.7	0.5



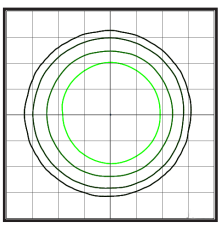
Type II



Type III



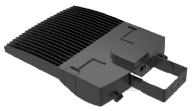
Type IV



Type V

9601 Variel Ave I Chatsworth, CA 91311 I Ph: (818) 206-4404 I trulygreensolutions.com © 2020 Truly Green Solutions. All rights reserved.

Accessories



Trunnion

ALP2-TRU

Photocell

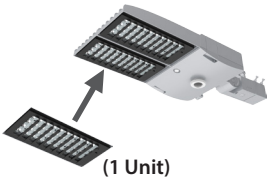
Bi-level Occupancy/ Daylight Harvesting Sensor

Back Light Shield

ALP2-S-BLS (80W~200W)
ALP2-M-BLS (240W~500W

Full Spill Light Shield

ALP2-S-FLS (80W~200W)
ALP2-M-FLS (240W~500W)



(1 Unit)

Back Light Control
[80W~200W (2 UNITS)]
[240W~320W (3 UNITS)]
[400W~500W (3 UNITS)]
(Sold as individual Units)

ALP2-S-BLC (80W~320W)
ALP2-M-BLC (400W~500W)

RADIANT™
WIRELESS CONTROL SYSTEM

- Utility grade power monitoring.
- WiFi Mesh Receiver Nodes.
- Communication range is up to 1 mile line of sight.
- Control dimming and On/Off.
- Secure, over-the-air software upgrades.

- Manual/Remote/Web access to Nodes.
- Control up to 1000 Nodes.
- Weather protected.
- Optional, pre-configured 5 button switch to allow for control of all lighting (Central Base Station only).

Central Control Base Station (Optional)

or

SimplySnap Controller

WiFi or LAN Network with browser based control interface

Optional Cloud Control with Verizon 4G LTG

9601 Variel Ave I Chatsworth, CA 91311 I Ph: (818) 206-4404 I trulygreensolutions.com
© 2020 Truly Green Solutions. All rights reserved.

Electrical Load

System Wattage (W)	Current (A) Input Voltage 120V	208V	240V	277V	347V	480V
80	0.67	0.38	0.33	0.29	0.23	0.17
100	0.83	0.48	0.42	0.36	0.29	0.20
120	1.00	0.58	0.50	0.43	0.34	0.25
150	1.25	0.72	0.63	0.54	0.43	0.31
200	1.68	0.96	0.83	0.72	0.57	0.42
240	2.00	1.15	1.00	0.87	0.69	0.50
320	2.67	1.54	1.33	1.16	0.92	0.67
400	3.33	1.92	1.67	1.44	1.15	0.83
500	4.17	2.40	2.08	1.81	1.44	1.04

Control Pre-Commissioning

Default settings are indicated by *

Sensitivity Range	Time Delay	Daylight Harvesting	Stand-by Light Level Setting	Stand-by Time Setting
20%	10s	*Light sensor disabled	0%	∞
50%	1min	1 FC (10lux)	*10%	1min
75%	*5min	3 FC (30lux)	30%	30min
*100%	15min	5 FC (50lux)	50%	*60min

Sensitivity Range:
Setting that determines the range of the motion sensor when the daylight sensor is disable.

Time Delay:
The light can be set to stay ON for any period of time between approx. 10sec and the maximum of 60 min.
Any movement detected before this time elapses will re-start the timer.

Daylight Harvesting:
The chosen light response threshold can be infinitely from approx. 1-5 FC.

Standy-by Light Level:
Setting determines how much lumen output is dimmed down to when no motion is detected.

Stand-by Time:
Setting determines how long after stand-by light level occurs the light will shut off. Up to 60 minutes.

9601 Variel Ave I Chatsworth, CA 91311 I Ph: (818) 206-4404 I trulygreensolutions.com
© 2020 Truly Green Solutions. All rights reserved.