PRODUCT SPECIFICATIONS

TABLE TOP GROW LIGHT

52 PAR | 35W | 6500K

CONFIDENTIAL

GENERAL SPECIFICATIONS

1. Three color spectra for different plant stages
2. Built in timer with 4 settings
3. Simple Touch control interface
4. 35W
5. 52 PPF max, 3200 lumens typical
6. 1.5 PPF efficacy max
7. Adjustable height (13.5" - 20.4")
8. Versatile tray that supports soil growth and hydroponics
9. 25,000 lifetime
10. UL Damp
11. 5' SPT-2 power cord
12. 120VAC
13. overpower, overheat, open and short circuit protection
14. 1 year manufacturer warranty

	UNIT	MIN	TYPICAL	MAX	REMARK
AC Voltage	V	108	120	132	-
Frequency	Hz	-	60	-	-
Power Consumption	W	30	35	40	Vegetation Mode
Power Factor	-	0.94	0.99	-	Vegetation Mode
Driving Current to LED	mA	113	125	138	Vegetation Mode
CCT	K	-	6500K	-	Vegetation Mode
CRI	-	80	-	-	Vegetation Mode
Luminous Flux	lm	-	3200	-	Vegetation Mode
PAR Output	µmol/s	-	49	-	Vegetation Mode
		-	52	-	Seeding Mode
		-	46	-	Flowering Mode
PAR Efficacy	µmol/J	-	1.5	-	Seeding Mode
View Angle	degree		115°		C0-180 @ 6500K White
	degree		120°		C90-270@ 6500K White

* Unity maintains a tolerance of +/- 5% on flux, power measurement and CCT, and +/- 2 on CRI measurements
* All characteristics are measured after 0.5 hour stabilization
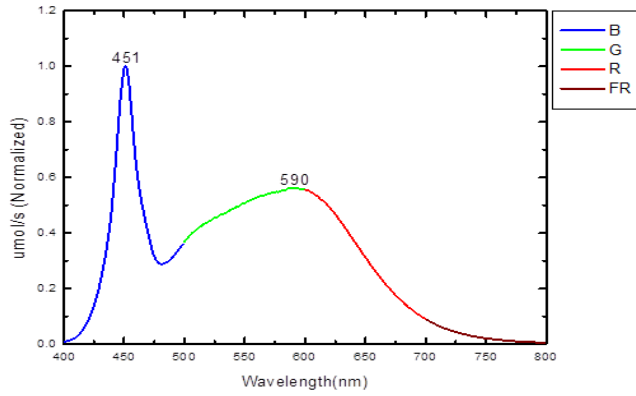* Electro-optical Characteristics @ TA= 25° / 120VAC / 60Hz
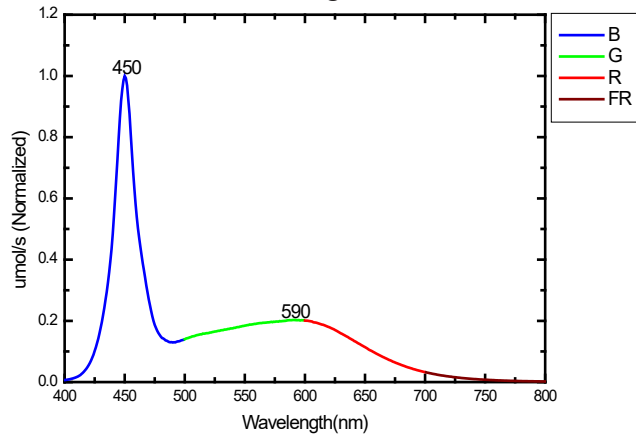
OPERATING ENVIRONMENT	MAX RATING VALUE
Storage temperature range	-20° ~ +50°C
Operating temperature range	-10° ~ +40°C
Lifetime	25,000 Hours

SPECTRUM

Vegetation Mode

Seeding Mode

Flowering Mode

UNITY LED LIGHTING / 1445 MAC ARTHUR DRIVE, SUITE 116 CARROLLTON, TX 75007 / (972) 242-2211 / www.unityledlighting.com

3

Revised 1/20/20

UNITY LED LIGHTING

CONFIDENTIAL
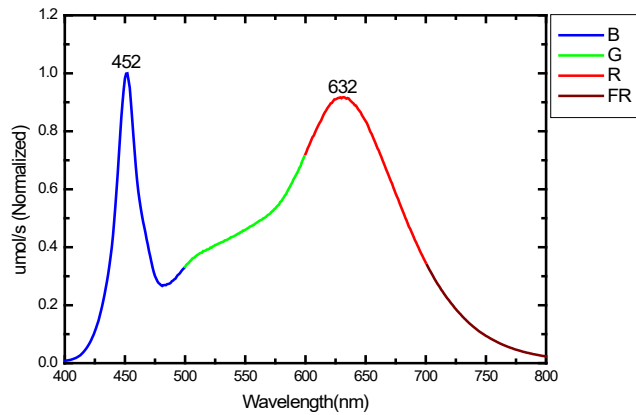
MECHANICAL CHARACTERISTICS

ITEM	DESCRIPTION	UNIT	MIN	TYPICAL	MAX
D1	Top Length	inch	11.0	11.1	11.2
D2	Top Width	inch	11.0	11.1	11.2
D3	Water Tank Length	inch	11.5	11.6	11.7
D4	Water Tank Width	inch	11.5	11.6	11.7
D5	Water Tank/Base Height	inch	4.5	4.6	4.7
D6	Fixture Maximum Height	inch	20.3	20.4	20.5
D7	Fixture Miniumum Height	inch	13.5	13.6	13.7
D8	AC Power Cord Length	inch	60	-	-
-	Weight	lb	-	TBD	-

🔒 CONFIDENTIAL

EXPLODED VIEW

Luminaire

Touch pad

Plastic anchor

Hole tray

Water hole cap

Telescoping post

Knob

Soil tray

Sight glass

Water tank

Plastic anchor

Bottom base

UNITY LED LIGHTING

🔒 CONFIDENTIAL
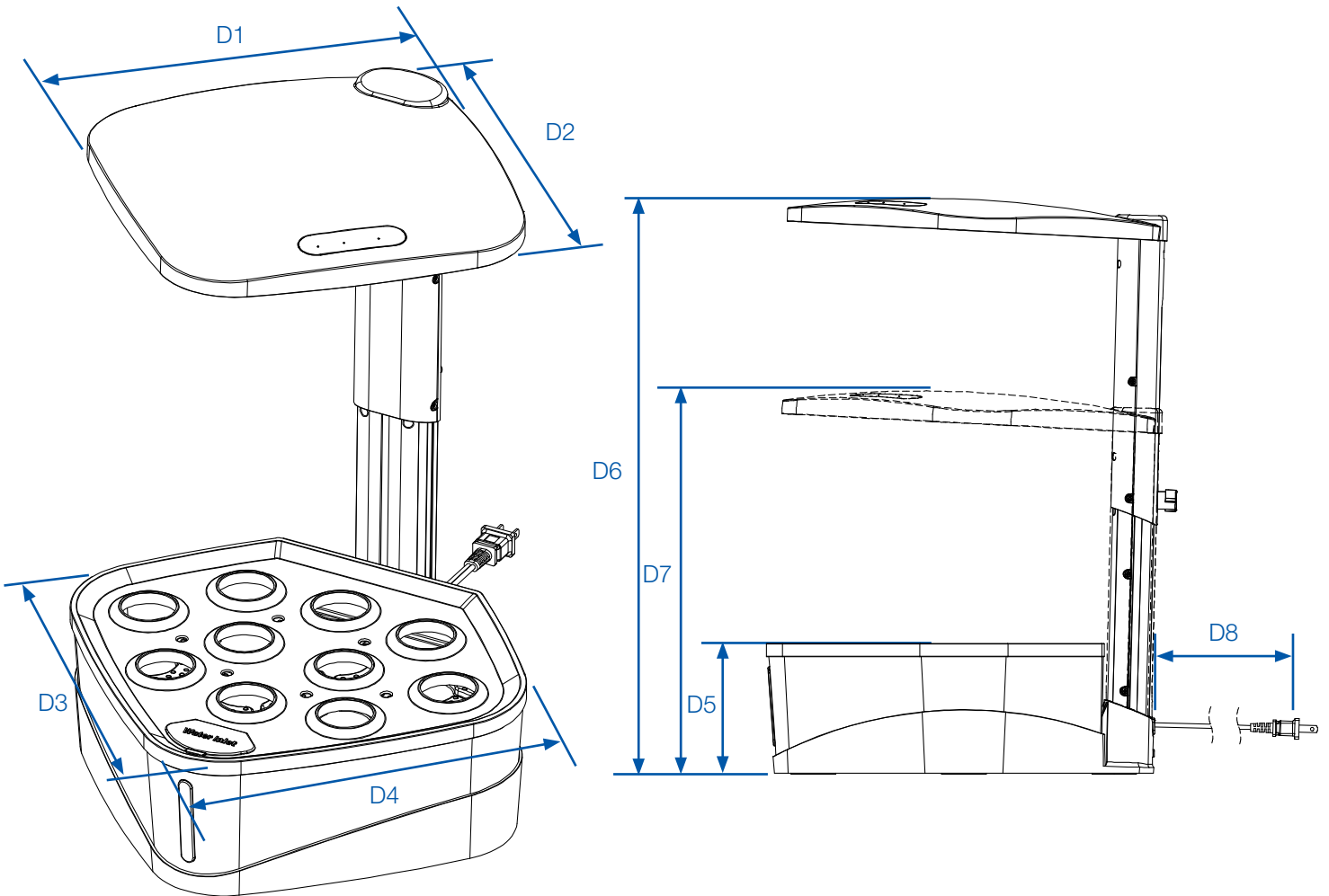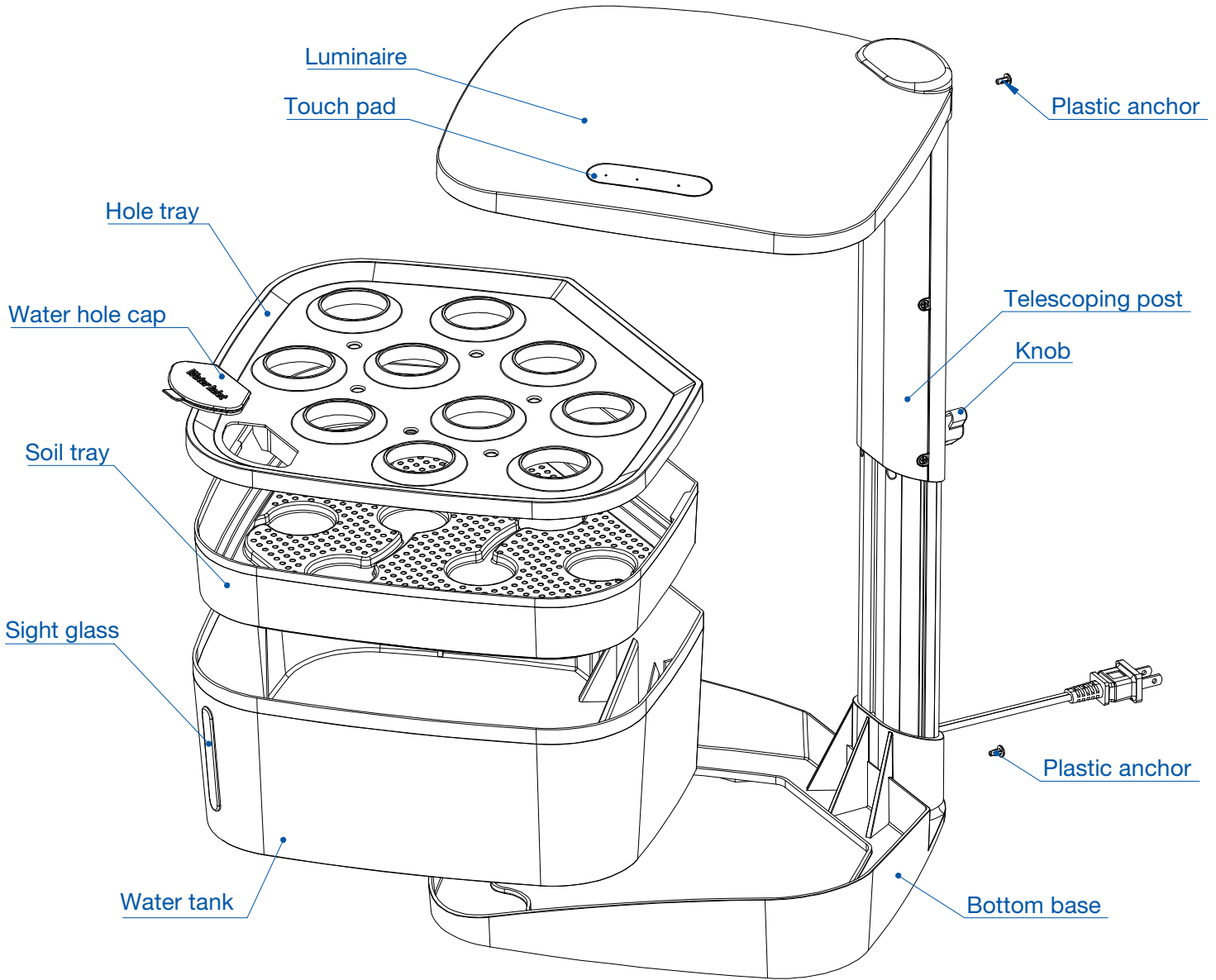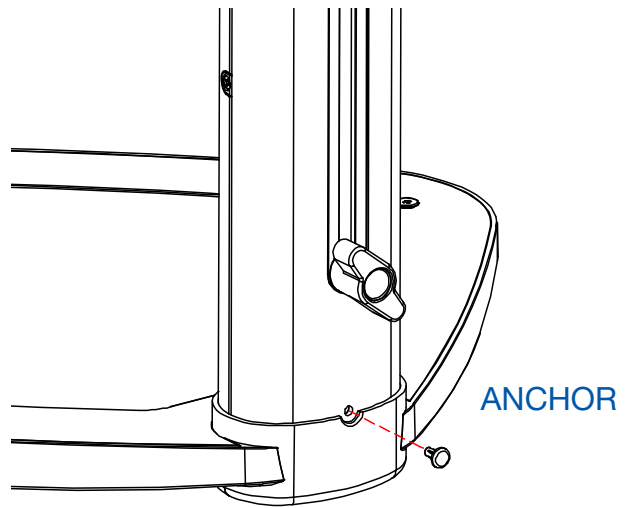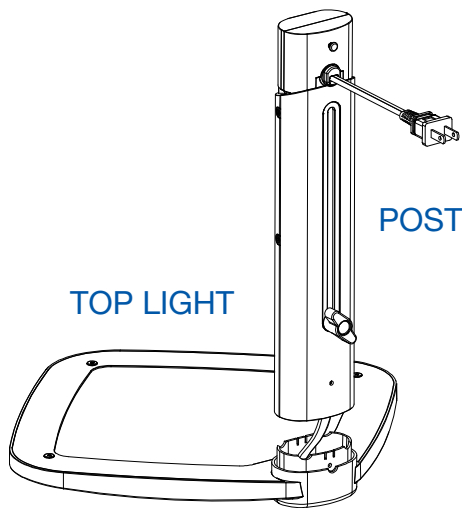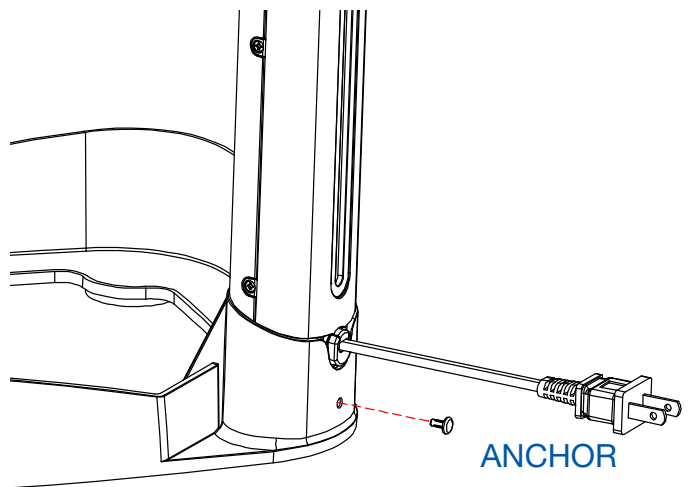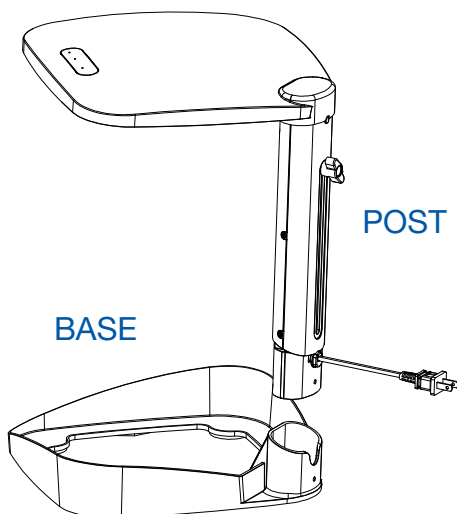
ASSEMBLY INSTRUCTIONS

(1) Make electrical connection between top light and post

POWER CABLE
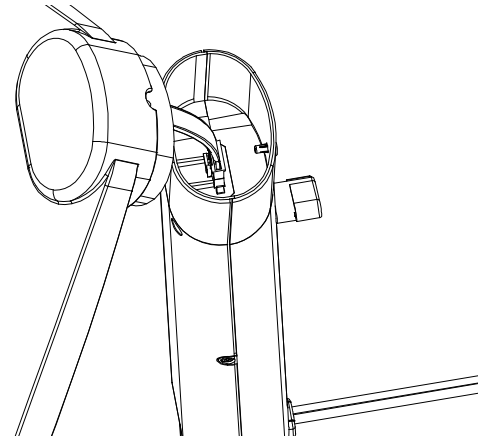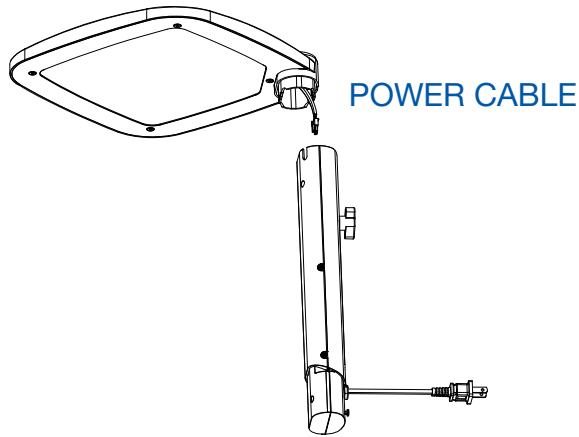
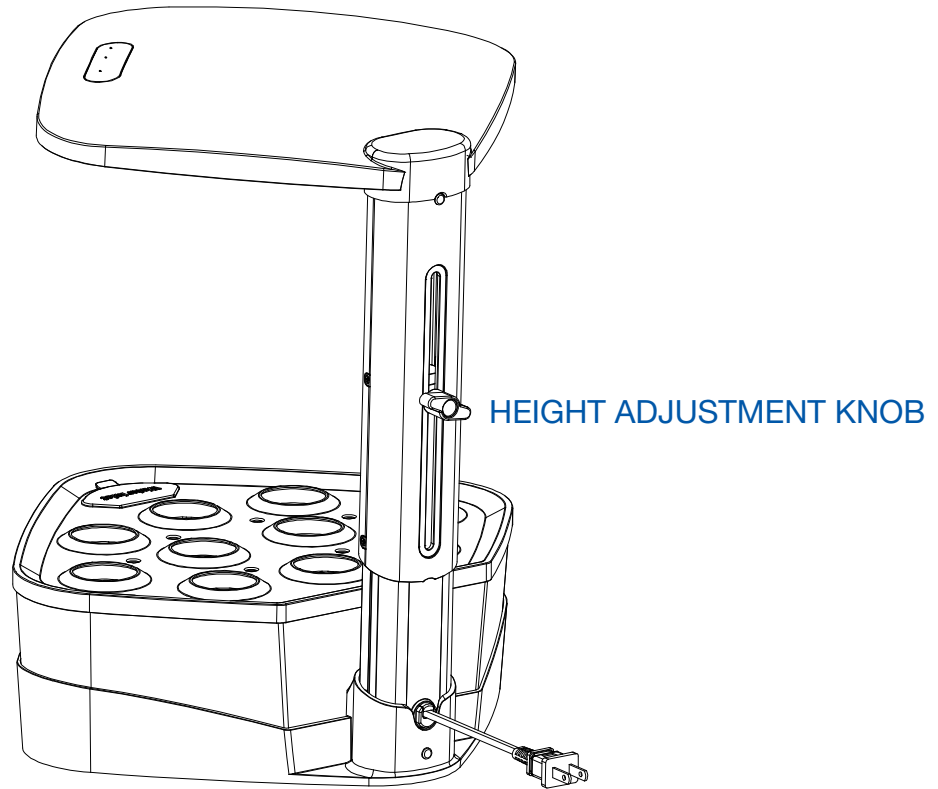(2) Slide post into top light, and insert locking anchor

POST

TOP LIGHT

ANCHOR

(3) Slide post into Base, and insert locking anchor

POST

BASE

ANCHOR

HEIGHT ADJUSTMENT

(1) Loosen knob

(2) Adjust top light
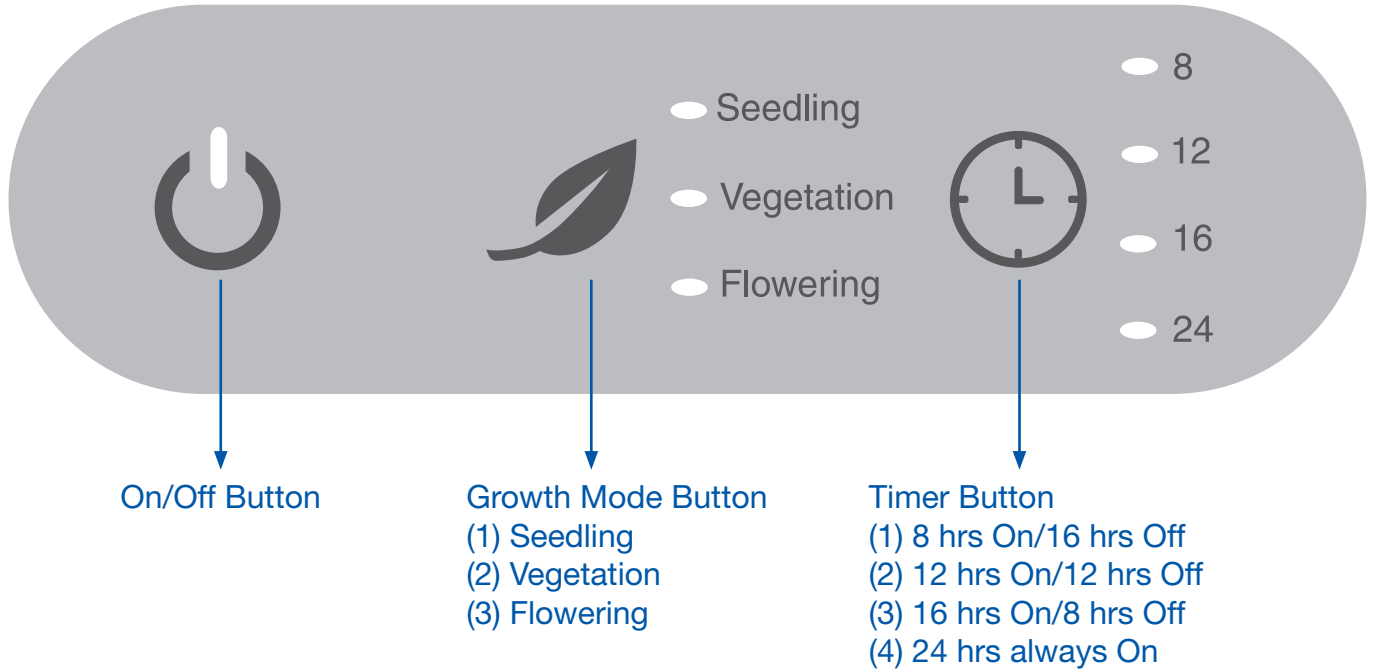
(3) Hand tighten post
   (do not overtighten)

HEIGHT ADJUSTMENT KNOB

MINIMUM HEIGHT

MAXIMUM HEIGHT

13.6"

20.4"

🔒 CONFIDENTIAL

TOUCHPAD MANUAL

On/Off Button

Growth Mode Button
(1) Seedling
(2) Vegetation
(3) Flowering

Timer Button
(1) 8 hrs On/16 hrs Off
(2) 12 hrs On/12 hrs Off
(3) 16 hrs On/8 hrs Off
(4) 24 hrs always On

On/Off Button
The default mode is seedling with the timer at 8 hours
The fixture remembers the last light setting as long as it is connected to power.

Growth Mode Bottom changes the spectra between seedling, vegetation and flowering

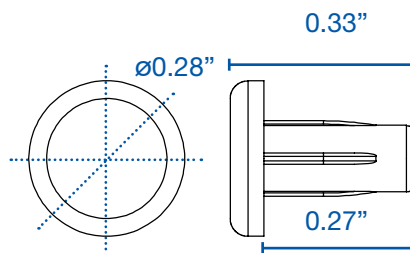Seedling: Blue and white LEDs
Vegetation: All white LEDs
Flowering: Red and white LEDs

Timer Button: An internal clock tracks a 24 hour cycle. The number indicates the LED on time during the 24 cycle.

INLCUDED ACCESSORIES

#	ITEM	QTY	MATERIAL
D1	Plastic Anchor	4	PP

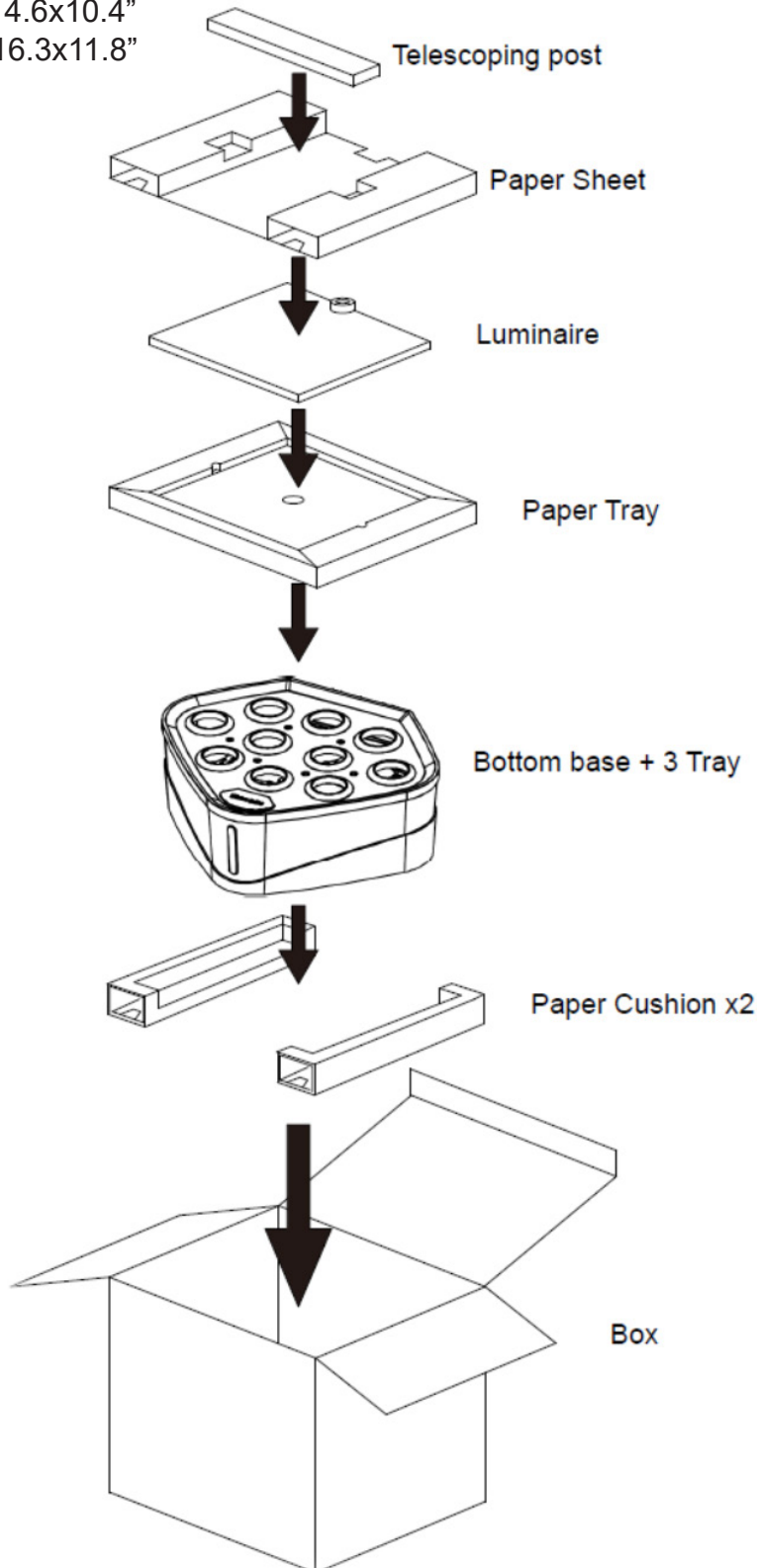ø0.28"   0.33"
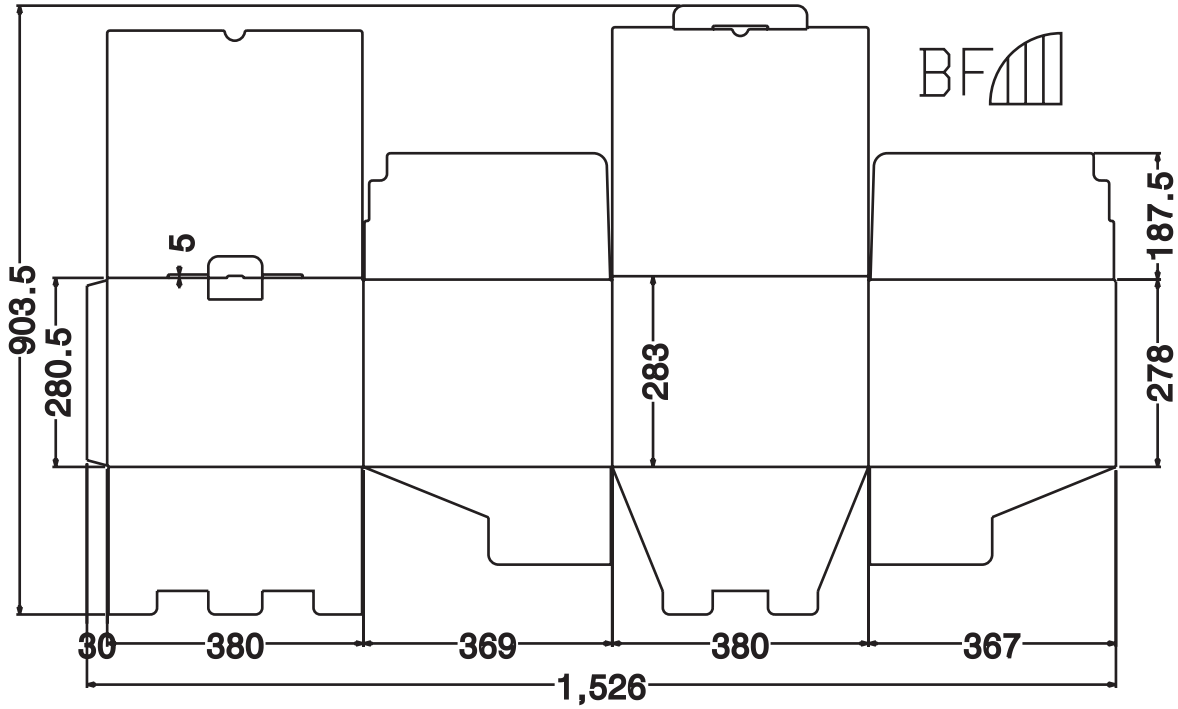
0.27"

CONFIDENTIAL

PACKAGING DETAILS

Estimated Dimensions
Individual Box: 14.1x14.6x10.4"
Master Carton: 30.3x16.3x11.8"
(2 pcs per Master)

Telescoping post
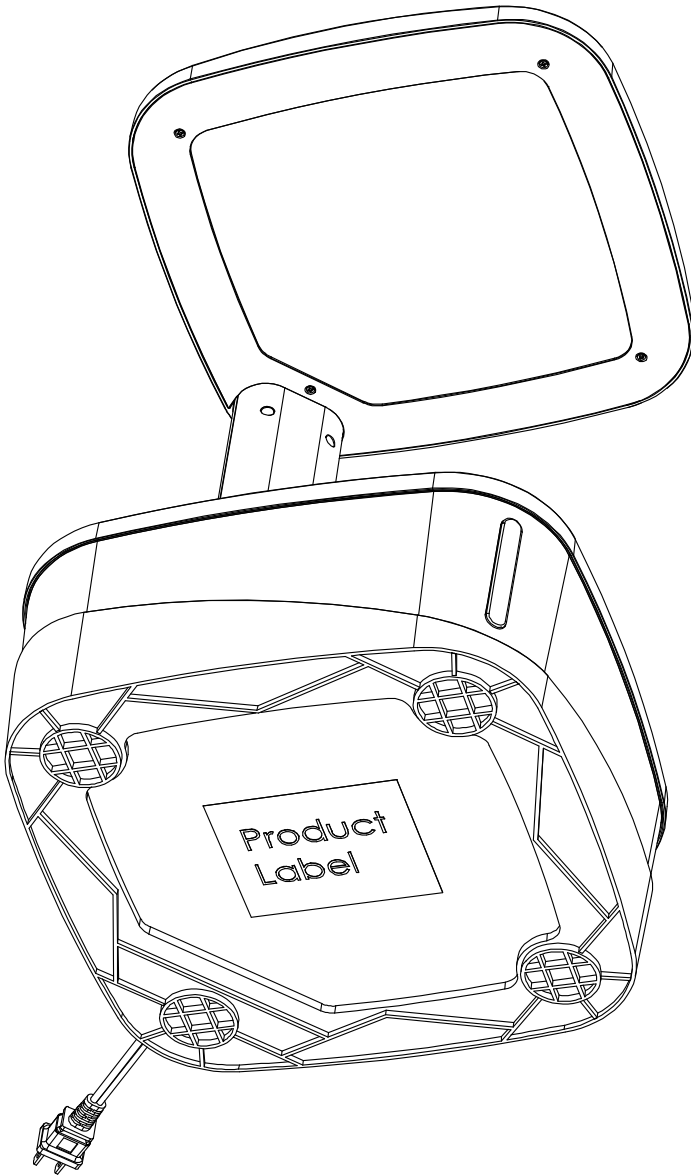
Paper Sheet

Luminaire

Paper Tray

Bottom base + 3 Tray

Paper Cushion x2

Box

UNITY LED LIGHTING

RETAIL BOX DIE LINES

BF

MASTER CARTON DIE LINES (2PC)

AB/F

UNITY LED LIGHTING

LABEL LOCATIONS

FEIT ELECTRIC
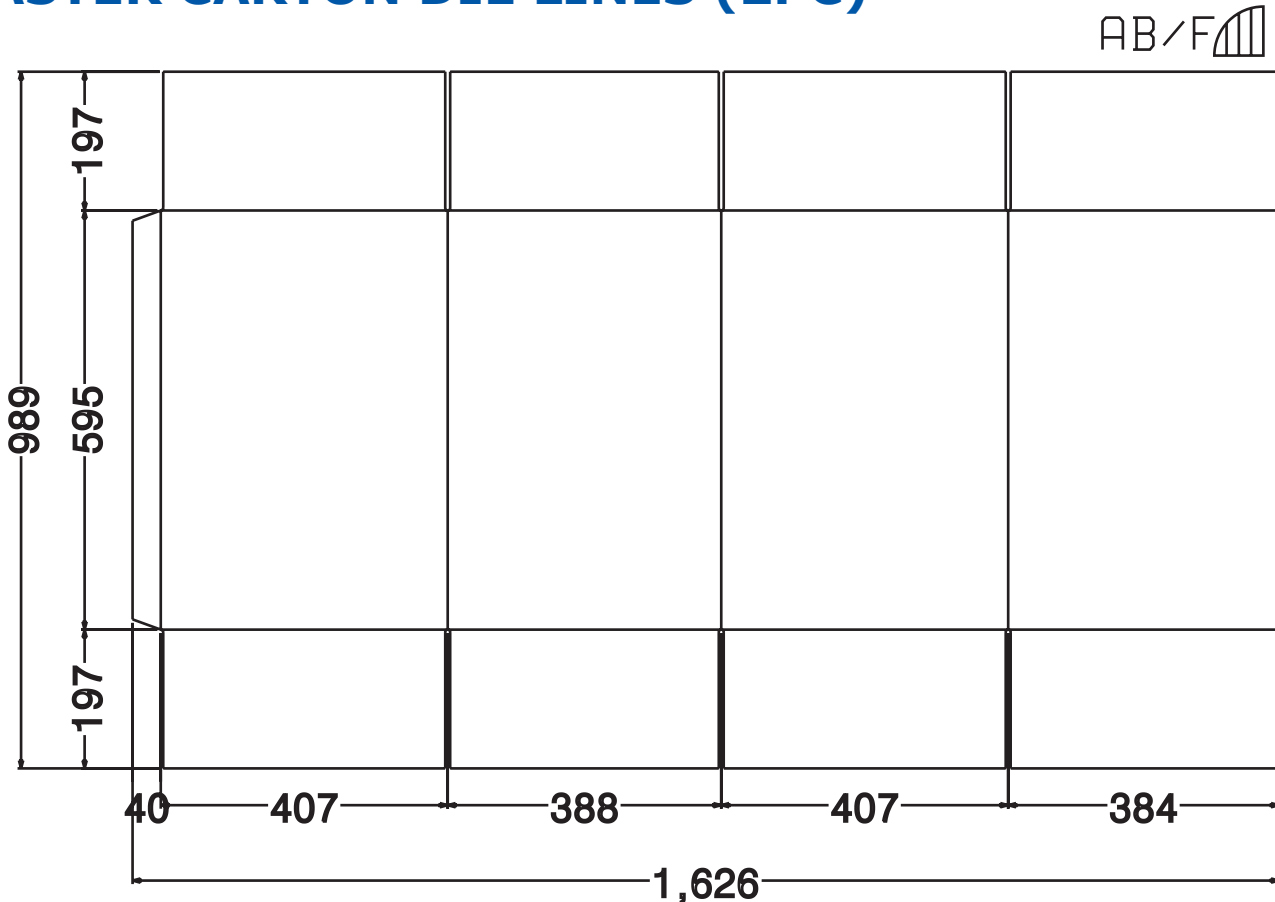
Item:GLP20/TABLE/35W/LED
Voltage: 120Vac 60Hz
Current: 0.32A
Wattage: 35W
Kelvin: 6500K
Lumens:
Date Code: 280-XX-XX

ETL
c us
LISTED
Intertek
5008904

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including that which may cause undesired operation.

**CONFORMS TO UL STD. 153
CERTIFIED TO CSA STD. C22.2 No. 250.4**

**HOUSEHOLD USE
DO NOT SUBMERSE
SUITABLE FOR DAMP LOCATIONS**

**FCC Label/Warning Label
100 x 80mm**

LOT CODE FORMAT

The lot number is comprised by the following characters:

280-YY-WW

280 - Factory code

YY - Year code (18 for 2018)

WW - Weekly code