

DGST4

No lamp, Pendant Linear Light---The DGST4 Linear Light series by Liteharbor bring sophistication to office spaces with its never-before-seen performance with no lamp, only light, glare-free appearance. The lamp can illuminate two direction of up and down. The high performance LED create a soft and mystical light through the light guide plate and reflector. More importantly, you can adjust the brightness arbitrarily. A robust proprietary drive ensures equal light output, thermal management ensures reliability and a long life.

Construction

- Hard aircraft grade aluminum heat sink
- Proprietary optics for maximum light output
- 50,000 hours LED lifetime
- Operating Temperature: -10°C - 50°C
- Fixture weight: 5KGS (11lbs)
- The uniquely open designs create a glare-free environment

Light output

- High performance SMD LED at various color temperatures available
- Standard deviation of color matching (SDCM) ≤ 3
- Average beam angle: UP 120° DOWN 129°
- Lamp Lumen output (no source light)

UP POWER	DOWN POWER	Total lumen
55W	-	6765 LM
27.5W	27.5W	4858 LM
16.5W	38.5W	4554 LM
7W	48W	4333 LM
-	55W	3910 LM

Electrical Specifications

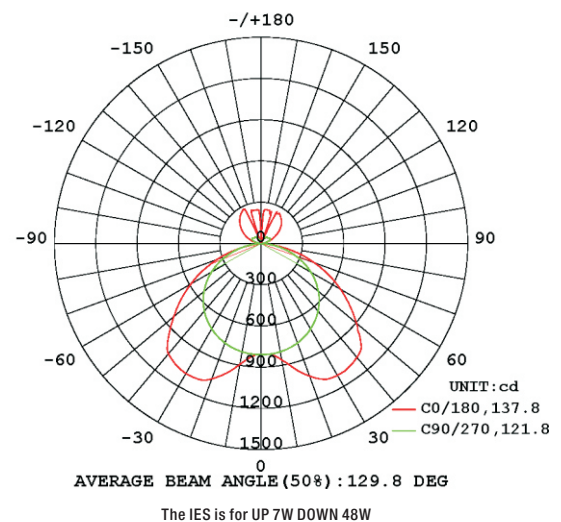
- Class I Fixture
- 55W Power Consumption
- 120-277V Input ; 30-40V Output
- The among of RF 2.4G Wireless Adjustable, 0-10V dimming, Traic dimming. Liteharbor is the first to bring out adjust brightness of up and down arbitrarily
- The remote control of RF 2.4G can 100 set lamps at the same time within 95ft

Listings/patents

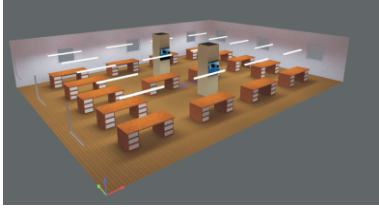
- ETL listed, certified to UL 1598 and CSA C22.2 No.250.0
- patents pending



LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



Refer to the illuminance

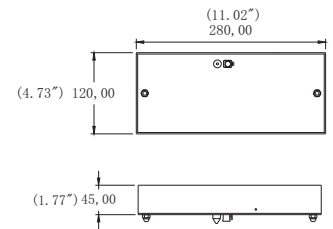
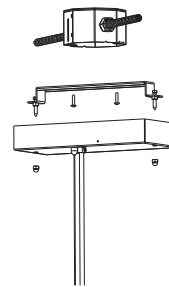


This is a offices about 3230 square foot(65.6*49.2),high is 11.8ft.the distance is 8.2ft from the lamp to ground, and it is 2.64ft from the working face to ground. According to the illuminance standard of high-end office 500LUX,We use the software of DIALUX and use the IES file of 7W up light and 48W down light to simulate the illuminance effect, using a total of 22pcs 4-foot lamps. You can refer to and design the illuminance value you need,as well as the number of lamps.

Installation Selection

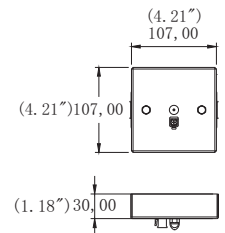
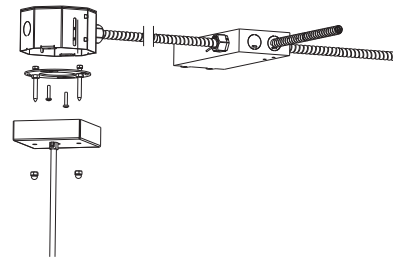
Structure or remodel

In the installation of ceiling or cement wall, the junction box have installed first, and the hanger bar is screwed on the junction box first. then connect, and finally Fix the suction top plate on the bar with a hand-twisted nut upper



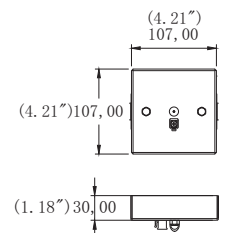
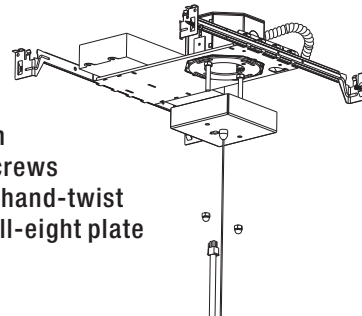
Remote

The drive power supply is at a certain distance from the lamps and lanterns. At this time, the small eight-hanging plate can be locked on the junction box by a screw, and then the top plate is locked on the small-eight hanging plate by a hand-screwing nut

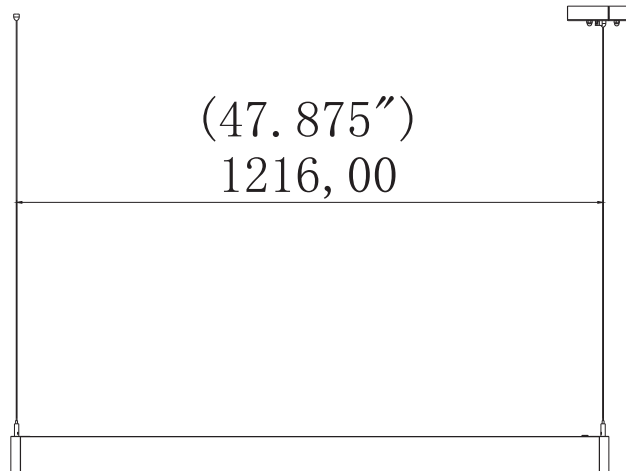


Drywall

The bottom plate of the junction box with the T-shape hanger bar is nailed on the wood-beam and is connected with the wire, and then Use screws to lock the small eight-plate to the wiring then hand-twist the nut to lock the suction top plate on the small-eight plate



The Wire Spacing



Multifunction Remote Controller User Manual

Protocol: RF-2.4G POWER: AAA battery*2 3VDC

Control Distance: 30M without Obstacle

Functions: Dimming and CCT adjusting, groups control, all control, timing ON/OFF, scene mode setting

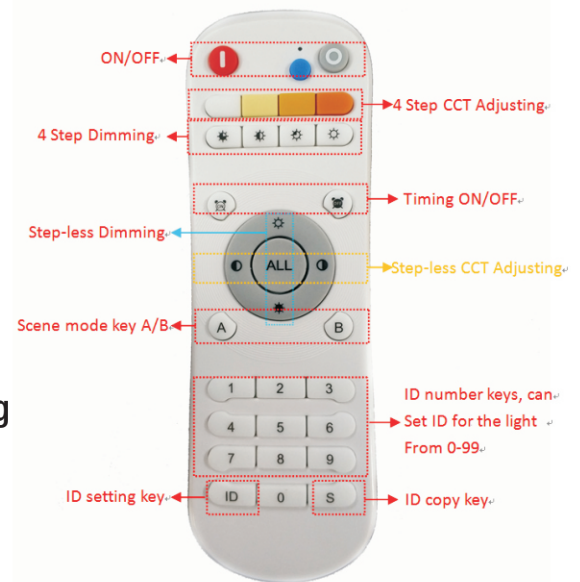
Note:

(1)Metal shielding is not allowed.

(2)Please remove the battery if the control is not used for long time.

(3)keep this device as far as possible away from strong electromagnetic interference to ensure RF controlling behavior.

Remote Controller Introduction 1



Step1: Turn ON the light by switch

Step2: Press any number from 0 to 99, and then press "ID" key

Step3: Repeat Step2, the light will blink one time

Step4: Switch off the light within 10 seconds and then finish setting

Note: In one ID number, the number of the lights can be no limited within controllable distance



ID setup of Lights 2

Function: As the introduction on page 1

Control a single group: Press the ID number of the group, and press the function key

Note: The remote will remember the last ID number, if you want to control the same group, you don't need to press the ID number every time before you press the function keys

All-Groups Control: Press "ALL" key to control all groups that have paired with the remote controller



Group control and All control 3

Setup:

Step1: Press the ID number of the light to be set, and then press "ID" key

step2: Press number key form 1 to 99, then press "ON" Timing ON key or "OFF" Timing OFF key, then finish setting. "1" represents 10 minutes

Cancel

Step1: Press the ID number of the light to be set, and then press "ID" key

Step2: Press number key 0, then press "ON" timing ON key or "OFF" timing OFF key to cancel



Timing ON/OFF 4

Note: Due to the accuracy of MCU timer the time of above setting may be different for different drives

Setup:

Press "I" key of new remote controller and "S" key of original remote controller at the same time and keep 10 seconds till the indicator blinks 3 times, finish setting

Note: After copy ID of the controllers, all the controllers can control the same light and have same functions

Recovery:

Press "ALL" key and "S" key of the remote controller which had copied ID from the original remote controller, keep 10 seconds till the indicator blinks, then the controller recover it's original ID

Copy ID of Remote Controller 5



Setup:
 Press "ID" key when the light is turned OFF by remote controller to enter night light mode.

Note: At night light mode, the light will be at lowest brightness

Night Light Mode 6



Setup:
 Step 1: Adjust the light as your preference
 Step 2: Press the ID number of the light
 Step 3: Press "ID" key and then press "A" or "B", the light will flash 1 time, then the scene will be saved as A scene or B scene

Scene Mode Setup 7



Recall:
 Step 1: Press the ID number of the light
 Step 2: Press the ID number of the light
 Step 3: Press "A" or "B", the light will enter the scene you preset

Scene Mode Recall 8



Note: This remote can save "A" and "B" scenes. If you recall the scene mode, the light will turn to the status you had preset

Finishes



Sand Gray



Black

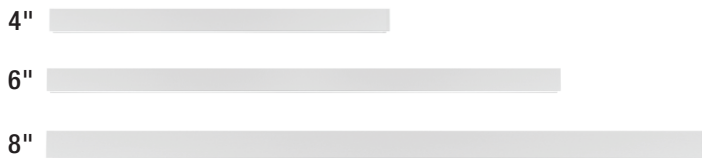


Clear Anodized

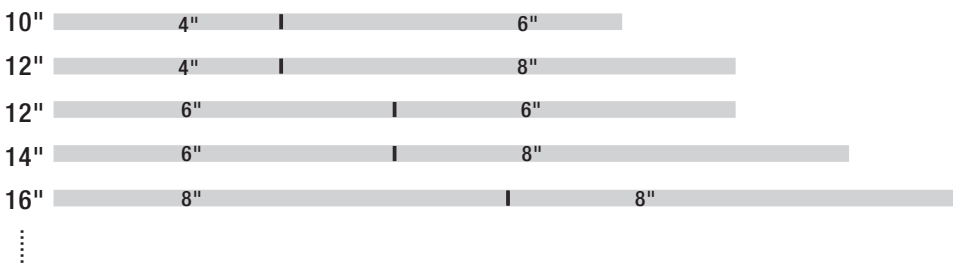


White

Standalone fixtures are available in 4" , 6" and 8" normal lengths



Run lengths are available in 2' normal increments



Ordering information

SERIES NO.	LENGTH	CEILING TYPE	CCT	CRI	DRIVER	Finish
DGST	4- 4ft	S- structure	30- 3000K	80- 80CRI	D0- NonDim	SG- Sand Gray
	6- 6ft	R- remote	35- 3500K	90- 90CRI	D1- RF2. 4G	BK- Black
	8- 8ft	D- drywall	40- 4000K		D2- Traic D3- 0-10V Dim	SV- Clear Anodized WH- White

ORDERING EXAMPLE DGST4-S3580D1SG

Note:

1. In the purchase, The preferred dimming method is RF2.4G, Which reflects the superiority of the product.
2. Please do not let the lamps and lanterns work during maintenance.
3. Due to RF2.4G is wireless control, the receiving wire on the driving power supply can not be surrounded by metal material, at least ensure that the receiving wire is exposed to the metal shell.
4. Please read the installation instructions carefully before installing the lamps.
5. When selecting a product, select the installation mode according to the actual needs.
6. The products sold do not include accessories above the junction box (with bracket plate, junction box, hose joint.) If you need to order, Pls state when you place the order.
7. The warrangty period of this product is 30,000 hours.

