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# PRODUCTS

Constant Reseach & Design Make LED Shine

2020—2021

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# LED Strip Fixture

120-347V & 120-277V,0-10 Dim

# LED Strip Fixture

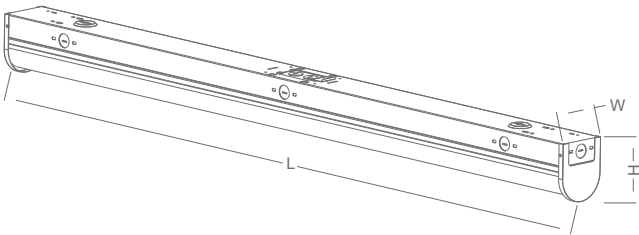
## Features

- Up to 130LM/W (DLC premium)
- 2ft 4ft & 8ft,20w 35w 64w & 90w
- 120-277V & 120-347v and Sensor Optional
- Strengthen Material, Not Easy to Deform
- Installation: V-Hook Chain & Surface Mounted
- ETL CETL DLC FCC Certification
- 5 Years Warranty



## Dimensions

| Power | L   | W     | H    |
|-------|-----|-------|------|
| 20w   | 24" | 3.35" | 3.8" |
| 20w   | 48" | 3.35" | 3.8" |
| 35w   | 48" | 3.35" | 3.8" |
| 64w   | 96" | 3.35" | 3.8" |
| 90w   | 96" | 3.35" | 3.8" |



## ST Series Specification

| Item No       | RDS-ST20-2FT                             | RDS-ST20-4FT   | RDS-ST35-4FT   | RDS-ST64-8FT   | RDS-ST90-8FT   |
|---------------|------------------------------------------|----------------|----------------|----------------|----------------|
| Input Power   | 20 Watts                                 | 20 Watts       | 35 Watts       | 64 Watts       | 90 Watts       |
| Luminous Flux | 2600 lm                                  | 2600 lm        | 4550 lm        | 8320 lm        | 11700 lm       |
| Efficary      | 130 lm/w                                 | 130 lm/w       | 130 lm/w       | 130 lm/w       | 130 lm/w       |
| Dimensions    | 24"*3.35"*3.8"                           | 48"*3.35"*3.8" | 48"*3.35"*3.8" | 96"*3.35"*3.8" | 96"*3.35"*3.8" |
| Input Voltage | AC120-277V OR AC120-347V                 |                |                |                |                |
| Dimming Type  | 0-10v Dimming                            |                |                |                |                |
| Optional      | Microwave sensor, emergency power supply |                |                |                |                |



# Tunable Color LED Strip

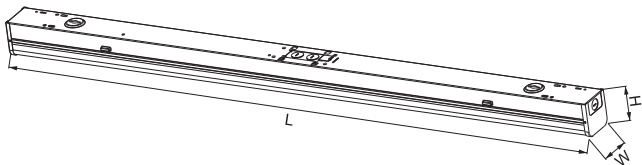
## Features

- Color temperature changing from 3500k to 5000k
- 0-10v dimming,isolated driver,flicker free
- 4ft &8ft,20w,35w 64w and 90w
- Up to 130lm/w ,0-10v dimming
- AC120-277V or AC120-347V
- 5 Years warranty

Certificate in pending

## Dimensions

| Power | L   | W     | H     |
|-------|-----|-------|-------|
| 20w   | 48" | 2.56" | 2.76" |
| 35w   | 48" | 2.56" | 2.76" |
| 64w   | 96" | 2.56" | 2.76" |
| 90w   | 96" | 2.56" | 2.76" |



## TC Series Specification

| Item No       | RDS-TC20-4FT                                    | RDS-TC35-4FT  | RDS-TC64-8FT  | RDS-TC90-8FT  |
|---------------|-------------------------------------------------|---------------|---------------|---------------|
| Input Power   | 20 Watts                                        | 35W           | 64W           | 90W           |
| Luminous Flux | 2600 lm                                         | 4550 lm       | 8320 lm       | 11700 lm      |
| Efficacy      | 130 lm/w                                        | 130 lm/w      | 130 lm/w      | 130 lm/w      |
| Dimensions    | 48*2.56*2.76"                                   | 48*2.56*2.76" | 96*2.56*2.76" | 96*2.56*2.76" |
| Input Voltage | AC120-277V OR AC120-347V                        |               |               |               |
| CCT           | 3000K-4000K-5000K OR 3000K/4000K/5000K Optional |               |               |               |
| Optional      | Microwave sensor, emergency power supply        |               |               |               |

# LED Strip Retrofit Kits

Magnet, Connection, Surface mounting,Hanging etc

## Retrofit Kits LED Strip

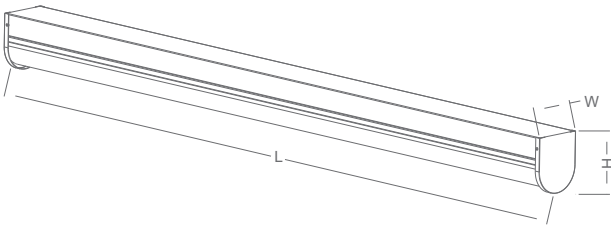
### Features

- Color temperature changing from 3500k to 5000k
- Linkable, Surface Mount, Suspended, emergency
- Isolated driver, flicker free
- 2ft 3ft & 4ft, 6w to 30w
- Up to 130lm/w , 0-10v dimming
- AC120-277V or AC120-347V
- 5 Years warranty

Certificate in pending

### Dimensions

| Power       | L   | W    | H    |
|-------------|-----|------|------|
| 6w/9w/12w   | 24" | 1.2" | 1.2" |
| 10w/12w/15w | 36" | 1.2" | 1.2" |
| 10w/15w/25w | 48" | 1.2" | 1.2" |
| 20w         | 48" | 1.2" | 1.2" |



### SR Series Specification

| Item No       | RDS-SR0612-2FT                           | RDS-SR1015-3FT       | RDS-SR1025-4FT       | RDS-SR20-4FT |
|---------------|------------------------------------------|----------------------|----------------------|--------------|
| Input Power   | 6w/9w/12w                                | 10W/12w/15w          | 10W/15w/25w          | 20w          |
| Luminous Flux | 780lm/1170lm/1560lm                      | 1300lm/1560lm/1950lm | 1300lm/1950lm/3250lm | 2400lm       |
| Efficacy      | 130 lm/w                                 | 130 lm/w             | 130 lm/w             | 130 lm/w     |
| Dimensions    | 24*1.2*1.2"                              | 36*1.2*1.2"          | 48*1.2*1.2"          | 48*1.2*1.2"  |
| Input Voltage | AC120-277V OR AC120-347V                 |                      |                      |              |
| Dimming Type  | 0-10v                                    |                      |                      |              |
| CCT           | 3500K/4000K/5000K                        |                      |                      |              |
| Optional      | Microwave sensor, emergency power supply |                      |                      |              |





# LED Linear High Bay Light

130lm/w with cover,Sensor and emergency optional

## LED Linear High Bay

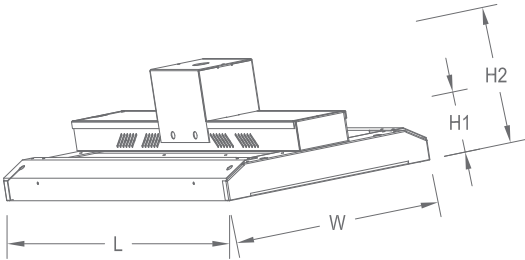
### Features

- Luminous efficacy: 130lm/w
- Input Voltage:120-277v and 200-480V
- Superior isolated driver: 0-10V dimming; Flicker free
- PF >0.95; Driver efficiency 87%; THD<20%
- Installation: Chain & Steeve installation
- Apply to dry location
- CCT: 3000K 4000K 5000K
- ETL CETL,DLC FCC certification
- 5 years warranty



### Dimensions

| Power          | L     | W     | H2    |
|----------------|-------|-------|-------|
| 90w/110w/135w  | 23.8" | 12.6" | 3.62" |
| 170w/220w      | 23.8" | 17.3" | 3.62" |
| 170w/220w/300w | 45.9" | 12.6" | 3.62" |



### LHB Series Specification

| Model          | Power     | Luminous Flux | Efficary | Dimensions      | CCT         | Input Voltage       | Dimming Type | Optional            |
|----------------|-----------|---------------|----------|-----------------|-------------|---------------------|--------------|---------------------|
| RDS-LHB090-2FT | 90 watts  | 11700 lm      | 130 lm/w | 23.8*12.6*3.62" | 4000K/5000K | AC120-277V,200-480V | 0-10v        |                     |
| RDS-LHB110-2FT | 110 watts | 14300 lm      | 130 lm/w | 23.8*12.6*3.62" | 4000K/5000K | AC120-277V,200-480V | 0-10v        |                     |
| RDS-LHB135-2FT | 135 watts | 17550 lm      | 130 lm/w | 23.8*12.6*3.62" | 4000K/5000K | AC120-277V,200-480V | 0-10v        | Sensor<br>Emergency |
| RDS-LHB170-2FT | 170 watts | 22100 lm      | 130 lm/w | 23.8*17.3*3.62" | 4000K/5000K | AC120-277V,200-480V | 0-10v        |                     |
| RDS-LHB170-4FT | 170 watts | 22100 lm      | 130 lm/w | 45.9*12.6*3.62" | 4000K/5000K | AC120-277V,200-480V | 0-10v        |                     |
| RDS-LHB220-2FT | 220 watts | 28600 lm      | 130 lm/w | 23.8*17.3*3.62" | 4000K/5000K | AC120-277V,200-480V | 0-10v        |                     |
| RDS-LHB220-4FT | 220 watts | 28600 lm      | 130 lm/w | 45.9*12.6*3.62" | 4000K/5000K | AC120-277V,200-480V | 0-10v        |                     |
| RDS-LHB300-4FT | 300 watts | 39000 lm      | 130 lm/w | 45.9*12.6*3.62" | 4000K/5000K | AC120-277V,200-480V | 0-10v        |                     |



# LED Slim Linear High Bay

135lm/w with cover,Built-in Sensor and emergency optional

## Slim Linear High Bay

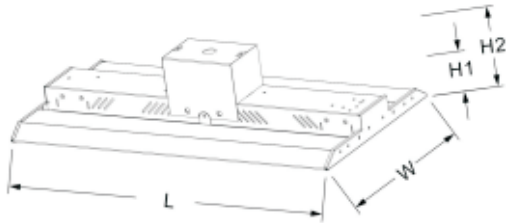
### Features

- Luminous efficacy: 135lm/w
- Input Voltage:120-277v,120-347v and 277-480v
- Isolated driver: 0-10V dimming; Flicker free
- PF >0.95; Driver efficiency 87%; THD<20%
- Installation: Surface mount,Chain and Pole Mount
- Apply to dry location
- CCT:4000K 5000K
- 5 years warranty



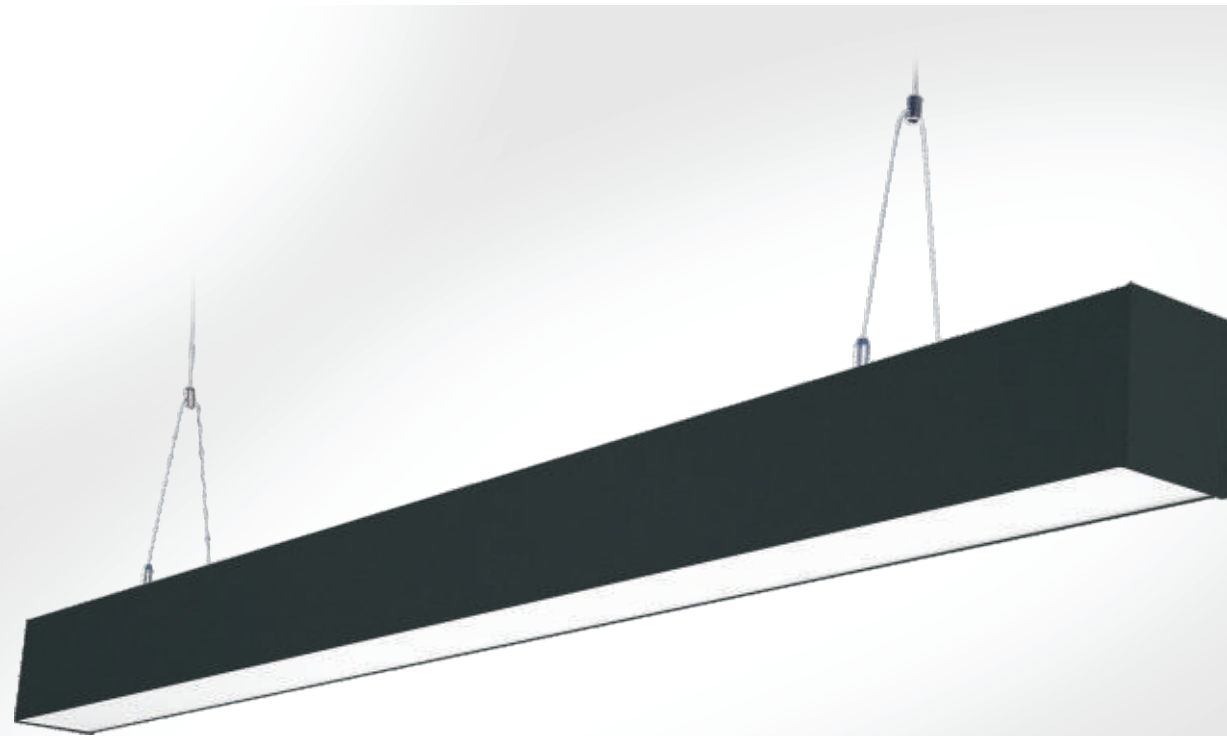
### Dimensions

| Power | L     | W     | H2    |
|-------|-------|-------|-------|
| 110w  | 23.8" | 12.6" | 1.89" |
| 135w  | 23.8" | 12.6" | 1.89" |
| 165w  | 23.8" | 12.6" | 1.89" |
| 165w  | 45.9" | 12.6" | 1.89" |
| 220w  | 45.9" | 12.6" | 1.89" |



### HB5 Series Specification

| Model            | Power     | Luminous Flux | Efficary | Dimensions      | CCT         | UGR    | Dimming Type | Optional                 |
|------------------|-----------|---------------|----------|-----------------|-------------|--------|--------------|--------------------------|
| RDS-HB5-110W-2FT | 110 watts | 14850 lm      | 135 lm/w | 23.8*12.6*1.89" | 4000K/5000K | UGR<17 | 0-10v        |                          |
| RDS-HB5-135W-2FT | 135 watts | 18225 lm      | 135 lm/w | 23.8*12.6*1.89" | 4000K/5000K | UGR<17 | 0-10v        | AC120-277V<br>AC120-347V |
| RDS-HB5-165W-2FT | 165 watts | 22275 lm      | 135 lm/w | 23.8*12.6*1.89" | 4000K/5000K | UGR<17 | 0-10v        | AC277-480V               |
| RDS-HB5-165W-4FT | 165 watts | 22275 lm      | 135 lm/w | 45.9*12.6*1.89" | 4000K/5000K | UGR<17 | 0-10v        | Sensor                   |
| RDS-HB5-220W-4FT | 220 watts | 29700 lm      | 135 lm/w | 45.9*12.6*1.89" | 4000K/5000K | UGR<17 | 0-10v        | Emergency                |



## LED Linear Light(130lm/w)

Sensor, emergency and UGR<19 optional

130lm  
Linear Light

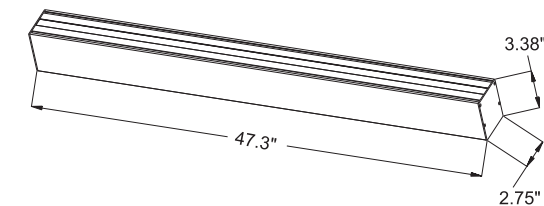
### Features

- Luminous efficacy: 130lm/w
- Isolated driver,Flicker free
- PF>0.95,THD<20%,0-10v Dimming
- Installation:Surface Mount,Chain,Wall,Recessed
- Optional UGR<19. Special bead PC materials
- Linkable,Emergency,sensor and Wireless control option
- 5 years warranty



### Dimensions

| Power | L   | W     | H     |
|-------|-----|-------|-------|
| 30w   | 48" | 2.75" | 3.38" |
| 40w   | 48" | 2.75" | 3.38" |
| 60w   | 72" | 2.75" | 3.38" |
| 80w   | 96" | 2.75" | 3.38" |



### LL2 Series Specification

| Model              | Power    | Luminous Flux | Efficacy | Dimensions    | CCT               | Type      | Dimming Type | Optional         |
|--------------------|----------|---------------|----------|---------------|-------------------|-----------|--------------|------------------|
| RDS-LL2-30W-4FT    | 30 watts | 3900 lm       | 130 lm/w | 48*2.75*3.38" | 3500K/4000K/5000K | Down      | 0-10v        | UGR<19           |
| RDS-LL2-40W-4FT    | 40 watts | 5200 lm       | 130 lm/w | 48*2.75*3.38" | 3500K/4000K/5000K | Down      | 0-10v        | Sensor           |
| RDS-LL2-40W-4FT-UP | 40 watts | 5200 lm       | 130 lm/w | 48*2.75*3.38" | 3500K/4000K/5000K | Up & Down | 0-10v        | Emergency        |
| RDS-LL2-60W-6FT    | 60 watts | 7800 lm       | 130 lm/w | 72*2.75*3.38" | 3500K/4000K/5000K | Down      | 0-10v        | Wireless control |
| RDS-LL2-80W-8FT    | 80 watts | 10400 lm      | 130 lm/w | 96*2.75*3.38" | 3500K/4000K/5000K | Down      | 0-10v        | Linkable"        |





# LED Linear Light(100lm/w)

Economical & Thin Fixutre

## 100lm Linear Light

### Features

- LED Linear Light(100lm/w)
- Features
- Isolated driver,Flicker free
- PF>0.95,Efficiency 87%,THD<20%
- Chain Installation
- 100lm/w,0-10v Dimmable
- 5 years warranty

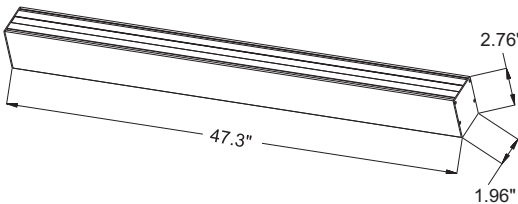


### Dimensions

| Power | L     | W     | H     |
|-------|-------|-------|-------|
| 35w   | 47.3" | 1.96" | 2.76" |

### LL1 Series Specification

|               |                       |
|---------------|-----------------------|
| Item No       | RDS-LL1-35W-4FT       |
| Input Power   | 35 watts              |
| Luminous Flux | 3500 lm               |
| Efficary      | 100 lm/w              |
| Type          | Down                  |
| Dimensions    | 48*1.96*2.76"         |
| CCT           | 3500K/4000K/5000K     |
| Dimming Type  | 0-10v Dimming         |
| Input Voltage | AC120-277V,AC120-347V |





# Tunable Color Backlit Panel

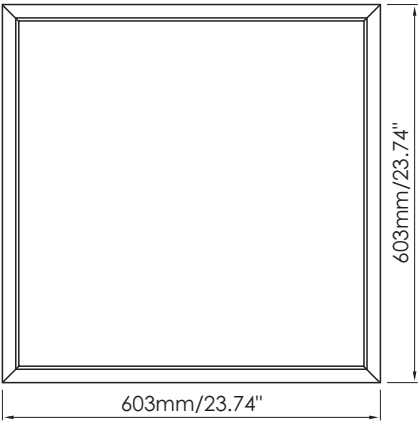
120-277v and 120-347v, 125lm/w, Emergency Optional

## Features

- Color temperature changing from 3500k to 5000k
- 0-10v dimming, isolated driver, flicker free
- 2ft & 4ft, 25w to 50w
- Up to 125lm/w, 0-10v dimming
- AC120-277V or AC120-347V
- 5 Years warranty

## Dimensions

| Power          | Size  | L      | W      | H     |
|----------------|-------|--------|--------|-------|
| 25-30-35 watts | 1*4FT | 47.78" | 11.9"  | 1.38" |
| 30-35-40 watts | 2*2FT | 23.74" | 23.74" | 1.38" |
| 40-45-50 watts | 2*4FT | 23.74" | 47.78" | 1.38" |



## BP Series Specification

| Model          | Power          | Luminous Flux     | Efficacy | Dimensions    | CCT               | Dimming Type | Optional   |
|----------------|----------------|-------------------|----------|---------------|-------------------|--------------|------------|
| RDS-BP14-2535W | 25-30-35 watts | 3150-3750-4375 lm | 125 lm/w | 303*1213*35mm | 3500K-4000K-5000K | 0-10v        | AC120-277V |
| RDS-BP22-3040W | 30-35-40 watts | 3750-4375-5000 lm | 125 lm/w | 603*603*35mm  | 3500K-4000K-5000K | 0-10v        | AC120-347V |
| RDS-BP24-4050W | 40-45-50 watts | 5000-5625-6250 lm | 125 lm/w | 603*1213*35mm | 3500K-4000K-5000K | 0-10v        | Emergency  |





# LED Troffer Light

AC120-277v or 120-347v Input Voltage  
2ft & 4ft, 36w, 42w, and 50w

LED

Troffer Light

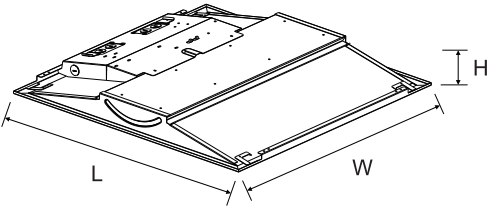
## Features

- Luminous efficacy:130lm/w
- Input voltage:120-277v
- Isolated driver:0-10v dimming,Flicker free
- PF>0.95,Driver efficiency 87%,THD<20%
- CCT:3500K,4000K,5000K
- 5 years warranty



## Dimensions

| Power  | L      | W      | H     |
|--------|--------|--------|-------|
| 36w    | 23.78" | 23.78" | 2.36" |
| 42w    | 47.75" | 23.78" | 2.36" |
| 50w    | 47.75" | 23.78" | 2.36" |
| 28-36w | 23.78" | 23.78" | 2.36" |
| 36-50w | 47.75" | 23.78" | 2.36" |



## TR Series Specification

| Item No       | RDS-TR36-2FT                                                                | RDS-TR42-4FT      | RDS-TR50-4FT      | RDS-TR2836-2FT    | RDS-TR3650-4FT    |
|---------------|-----------------------------------------------------------------------------|-------------------|-------------------|-------------------|-------------------|
| Input Power   | 36 Watts                                                                    | 42 Watts          | 50 Watts          | 28-36 Watts       | 36-50 Watts       |
| Luminous Flux | 4500 lm                                                                     | 5250 lm           | 6250 lm           | 3500-4500 lm      | 4500-6250 lm      |
| Efficacy      | 125 lm/w                                                                    | 125 lm/w          | 125 lm/w          | 125 lm/w          | 125 lm/w          |
| Dimensions    | 23.78*23.78*2.36"                                                           | 47.75*23.78*2.36" | 47.75*23.78*2.36" | 23.78*23.78*2.36" | 47.75*23.78*2.36" |
| Dimming Type  | 0-10v Dimming                                                               |                   |                   |                   |                   |
| Optional      | Microwave sensor, emergency power supply and Tunable CCT and Power version. |                   |                   |                   |                   |



LED  
Wraparound

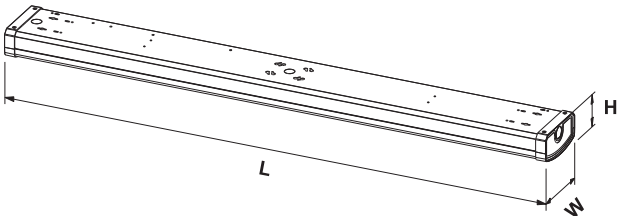
Features

- Luminous efficacy: 130lm/w
- Input Voltage:120-277v or 120v
- Superior isolated driver: 0-10v or Traic dimming
- PF>0.95; Driver efficiency 87%; THD<20%
- Installation: V-Hook Chain & Surface Mounted
- CCT: 3000K 4000K 5000K
- ETL,CETL,FCC Certification
- 5 years warranty



Dimensions

| Power | L   | W     | H     |
|-------|-----|-------|-------|
| 20w   | 24" | 5.51" | 2.77" |
| 32w   | 48" | 5.51" | 2.77" |
| 40w   | 48" | 5.51" | 2.77" |
| 48w   | 48" | 5.51" | 2.77" |



WR Series Specification

| Item No       | RDS-WR20                                                     | RDS-WR32        | RDS-WR40        | RDS-WR48        | RDS-WR2440      |
|---------------|--------------------------------------------------------------|-----------------|-----------------|-----------------|-----------------|
| Input Power   | 20 Watts                                                     | 32 Watts        | 40 Watts        | 48 Watts        | 20-40 Watts     |
| Luminous Flux | 2600 lm                                                      | 4160 lm         | 5200 lm         | 6240 lm         | Variable        |
| Efficacy      | 130 lm/w                                                     | 130 lm/w        | 130 lm/w        | 130 lm/w        | 130 lm/w        |
| Dimensions    | 24"×5.51"×2.77"                                              | 24"×5.51"×2.77" | 48"×5.51"×2.77" | 48"×5.51"×2.77" | 48"×5.51"×2.77" |
| Input Voltage | AC120-277V OR AC120V                                         |                 |                 |                 |                 |
| Dimming Type  | 0-10v or Traic Dimming                                       |                 |                 |                 |                 |
| Optional      | Microwave sensor, emergency power supply and Link Connector. |                 |                 |                 |                 |



# UFO High Bay Light

Up to 140LM/W,0-10v Dimming

## UFO High Bay Light

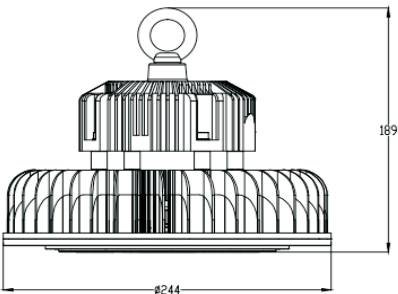
### Features

- Integrated heat sink Cold forging aluminium
- 120-277V 120-347V & 200-480V Optional
- Lumileds LUXEON 3030 LED
- Installation: Chain mount, hook mount
- Working temperature: -40℃~+55℃
- IP65 Waterproof
- 5 Years warranty



### Dimensions

| Power | Diameter | Height |
|-------|----------|--------|
| 100w  | 8.86"    | 7.24"  |
| 150w  | 9.60"    | 7.44"  |
| 200w  | 10.83"   | 7.48"  |
| 240w  | 12.60"   | 8.85"  |



### UFO Series Specification

| Item No       | RDS-UFO100    | RDS-UFO150   | RDS-UFO200   | RDS-UFO240   |
|---------------|---------------|--------------|--------------|--------------|
| Input Power   | 100 Watts     | 150 Watts    | 200 Watts    | 240 Watts    |
| Luminous Flux | 13000 lm      | 19500 lm     | 26000 lm     | 31200 lm     |
| Beam angle    | 60°/90°/120°  | 60°/90°/120° | 60°/90°/120° | 60°/90°/120° |
| Dimensions    | Ø220mm        | Ø244mm       | Ø275mm       | Ø320mm       |
| Dimming Type  | 0-10v Dimming |              |              |              |
| Net Weight    | 2.4KG         | 3.6KG        | 5.2KG        | 5.5KG        |
| Packing Size  | 25*25*20cm    | 27*27*20cm   | 31*31*20cm   | 35*35*21cm   |





# LED Linear High Bay Light

High Lumens Up to 160LM/W

# Linear High Bay Light

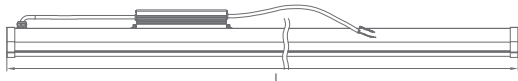
## Features

- Luminous efficacy: 160lm/w
- Thick 6063 aluminum, good heat dissipation
- Superior isolated driver; Flicker free
- PF>0.95; Driver efficiency 87%; THD<20%
- Installation: Chain & Surface Mounted
- CCT: 4000K 5000K 6500K
- SAA CE ROHS certification
- 5 years warranty



## Dimensions

| Power | L   | W     | H     |
|-------|-----|-------|-------|
| 100w  | 24" | 5.24" | 2.2"  |
| 150w  | 48" | 5.24" | 2.2"  |
| 200w  | 60" | 5.24" | 2.2"  |
| 240w  | 60" | 5.9"  | 2.64" |



## HB-I Series Specification

| Item No              | RDS-HB-I-100W                                      | RDS-HB-I-150W | RDS-HB-I-200W | RDS-HB-I-240W |
|----------------------|----------------------------------------------------|---------------|---------------|---------------|
| Input Power          | 100 Watts                                          | 150 Watts     | 200 Watts     | 240 Watts     |
| IP Rating            | IP65                                               | IP65          | IP65          | IP65          |
| Luminous Flux @160lm | 16000 lm                                           | 24000 lm      | 32000 lm      | 38000 lm      |
| Luminous Flux @140lm | 14000 lm                                           | 21000 lm      | 28000 lm      | 33600 lm      |
| Dimensions           | 600*133*56mm                                       | 1200*133*56mm | 1500*133*56mm | 1500*150*67mm |
| Input Voltage        | AC120-277V,AC120-347V OR AC277-480V                |               |               |               |
| Optional             | Microwave Motion Sensor, Emergency Backup Battery. |               |               |               |