

DUO 6 Series



Elegant Up and Downlight Luminaire

With a unique High Lumen Power Suspension System, the Duo series is an elegant, cable-free and aesthetic up and downlight solution.

With a seamless connector and hidden signal wire, this luminaire seamlessly blends into your environment and space.

Duo gives you perfect optics with intuitive design making it a decorative element that adds a touch of class.

Quantity	Type
Project	Note

Electrical System

- 2800 lm (30W) Uplight: 15W / Downlight: 15W
- 4670 lm (50W) Uplight: 25W / Downlight: 25W
- 7005 lm (75W) Uplight: 25W / Downlight: 50W
- 8810 lm (95W) Uplight: 25W / Downlight: 70W
- Power Input: Universal (120-277V)
- Operating Temperature: -13°F~104°F
- Surge Protection: 2.5KV

LED Technology

- 2700K, 3000K, 3500K, 4000K
- 85 CRI, 93 CRI
- Beam Angle:
 - Down: 40°, 60°, 100° (with diffuser)
 - Up: 40°, 60°, 100° (with diffuser)
- Rated Life > 60,000 Hours (L70)

Advanced Dimming

(Proprietary VX Driver is incorporated to all dimming options for video flicker-free lighting)

Without Signal Wire

- Non-Dimming

- **30W / 50W only:**
- **TRIAC:** Line-voltage phase control, dims to 1% (**120V only**)
- **3-wire:** LUTRON Hi Lume 3-wire, dims to 1% (**UNV only**)
- **ECOsistem:** LUTRON Hi Lume ECOsystem, dims to 1% (**UNV only**)

With Signal Wire

- **Superior 0-10V:** dims to 1%
 - Single Dimming (Controls Up/Down Together)
 - Dual Dimming (Controls Up/Down Separately)
- **DMX:** high resolution dims to 0.1% (RJ45 only)
 - (Supports ANSI E1.20 RDM protocol)
 - Single Dimming (Controls Up/Down Together)
 - Dual Dimming (Controls Up/Down Separately)

Housing

- Diameter: 6.37" (162mm)
- Height: 20" (508.5mm)
- Material: Aluminum
- Weight: 15.2 lbs
- Canopy Height: 2.17"

Mounting

- Adjustable Aircraft Cable 10ft with High Lumen Power Suspension (Canopy Height: 2.17")
- Adjustable Aircraft Cable 10ft with High Lumen Power Suspension and Remote Power (Canopy Height: 0.84")
- Wall Mount
- Remote Emergency Pack

Warranty

- 5 year limited warranty

Listing

- UL Dry Location Listed
- UL Damp Location Listed (Wall Mount Only)

DUO 6 Series



How To Specify:

Ordering Example: DUO6-50-408-U-DMXRD-6040-B-AD10

4-5 weeks lead time on over 75% of specifications.

Model

DUO6

DUO6
Duo 6

Wattage

30 Downlight: 15W | Uplight: 15W
50 Downlight: 25W | Uplight: 25W
75 Downlight: 50W | Uplight: 25W
95 Downlight: 70W | Uplight: 25W

CCT / CRI

278 2700K / CRI85
308 3000K / CRI85
358 3500K / CRI85
408 4000K / CRI85

279 2700K / CRI93
309 3000K / CRI93
359 3500K / CRI93

Voltage

U 120-277V

Dimming

Without Signal Wire

NOD NON-Dimming
TRC¹ TRIAC dims to 1% (120V ONLY)
ECO¹ LUTRON ECOsystem (UNV ONLY)
3WIR¹ LUTRON 3-wire dims to 1% (UNV ONLY)

With Signal Wire

SPVS Superior 0-10V dims to 1% Single (Up/Down Together)
SPVD Superior 0-10V dims to 1% Dual (Up/Down Separately)
DMXRS² DMX dims to 0.1% Single (Up/Down Together)
DMXRD² DMX dims to 0.1% Dual (Up/Down Separately)

¹ Option is only compatible with 30W/50W.

² Option only applies to RJ45 Sockets.

Beam Angle

Downlight: | Uplight:
40 40° | **40** 40°
60 60° | **60** 60°
WD¹ 100° (with diffuser) | **WD¹** 100° (with diffuser)

¹ Please factor in change in lumen output with diffuser (-20% with WD; -12% with other degrees).

Finish

B Black
W White

Mounting

AD10 Adjustable Aircraft Cable 10ft
AD10RM Adjustable Aircraft Cable 10ft Remote Power
WLM¹ Wall Mount
EMP Remote Emergency Pack

¹ Option is not compatible with DMX.

DUO 6 Series

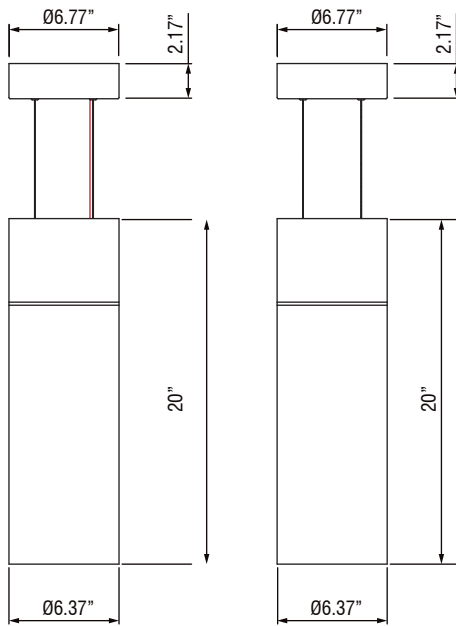


Delivered Lumens*

Wattage / CCT	30W		50W		75W		95W	
	UP (15W)	DOWN (15W)	UP (25W)	DOWN (25W)	UP (25W)	DOWN (50W)	UP (25W)	DOWN (70W)
4000K	1400 lm	1400 lm	2335 lm	2335 lm	2335 lm	4670 lm	2335 lm	6475 lm
3500K	1380 lm	1380 lm	2305 lm	2305 lm	2305 lm	4610 lm	2305 lm	6390 lm
3000K	1345 lm	1345 lm	2245 lm	2245 lm	2245 lm	4495 lm	2245 lm	6230 lm
2700K	1240 lm	1240 lm	2070 lm	2070 lm	2070 lm	4145 lm	2070 lm	5745 lm

*Tolerance ± 8%

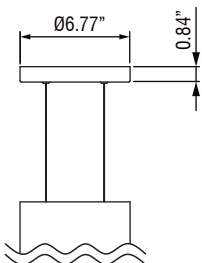
Dimensions



SPV / DMX with signal wire.



NON / TRC / ECO / 3-wire without signal wire.



With Remote Power (Remoted length can be 50ft max.)

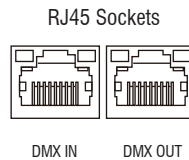
DMX Requirements*

The DUO 6 LED fixture with DMX is a ONE CHANNEL DMX unit.

When placing order, please indicate DMX address. (The DMX address will be listed on the back of the fixture.)

The LED fixture provide RJ45 Socket socket to connect. (DMX cable NOT included.)

The final fixture should be terminated by the use of DMX Terminator (by others).

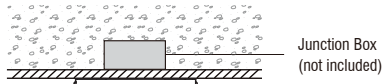


CONNECTION	RJ45 (CAT5e)
Common	WHITE/BROWN(PIN7) & BROWN(PIN 8)
Signal -	ORANGE(PIN 2)
Signal +	WHITE/ORANGE(PIN 1)
Spare	-
Spare	-

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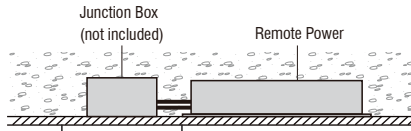


Mounting Options



Junction Box
(not included)

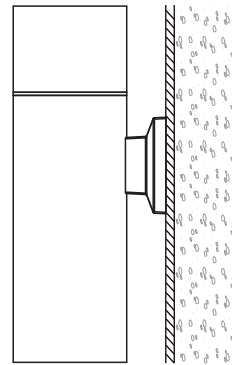
Adjustable Aircraft Cable
with High Lumen Power Suspension



Junction Box
(not included)

Remote Power

Adjustable Aircraft Cable
with High Lumen Power Suspension
and Remote Power



Wall Mount