

SCONCE WING

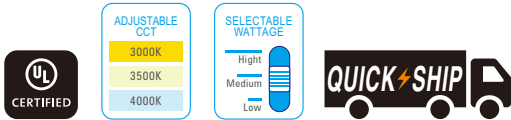
Pendant | Architectural LED Linear



Combining superior esthetics and quality performance, OKT Sconce Wing offers new opportunities to capture the beauty and benefits of architectural linear lighting. It offers wattage and CCT adjustable for scalability. The sleek profile is designed to blend into clean, minimalist architectural spaces. Reaching 100 lumen / watt with 90+ CRI, we strive to challenge the highest visual comfort standard by offering ultra-thin semi-transparent vertical optics. Easy install in the field which is perfect for applications that include open offices, hospital, anywhere you want to make a statement. This innovative produce design brings both performance and aesthetics to any design applications.

Feature

- Ultra-thin semi-transparent optics
- 48" length, shallow depth 2"
- Maximum 40w, wattage selectable
- Up to 100lm/w, 90+ CRI
- CCT adjustable from 3000K, 3500K, 4000K
- 0-10v dim, 10% standard, 1% optional
- Compatible for dry ceiling and drop ceiling
- Continuous runs



PERFORMANCE

Length	Wattage Selectable	Lumen@4000K	Efficacy@4000K
48"	40W/30W/20W	3800LM	95LM/W

All efficacy is ±5% base on different CCT. Check the IES file to gain the accurate data.

PRODUCT ORDERING GUIDE

Example: WS-WGA-PTW48

WS-WGA	P	TW	48
Product Series	Mounting	CCT	Length
WS-WGA Sconce Wing	P Pendant QuickShip	TW CCT adjustable 3000K/3500K/4000K QuickShip	48 48inch QuickShip

OPTIONAL PENDANT ACCESSORY

Ceiling Type	Canopy	Power Cord&Aircraft Cable	1-10V Dim	Optional Functions
DW QuickShip Dry ceiling Mount to J-box	RDWH QuickShip 1.6" Round & White 4.5" Round & White (Designed for power cable)	C05WH QuickShip 4 ft white power cord + 5ft aircraft cable	D10 QuickShip 120-277V AC, Dims to 10% <i>Tested Dimmers: Lutron® Diva-Dvtv, Leviton® IP-710-DL.</i>	EME QuickShip Emergency Function (Only external 16w or 25w LED emergency driver with standard indicator available and need field-installed.)
TF QuickShip Drop ceiling clips for 9/16" and 15/16" flat ceiling	SQWH QuickShip 1.6" Square & White 4.5" Square & White (Designed for power cable)	C12WH 12 ft white power cord + 12ft aircraft cable	D01 Make to Order 120-277V AC, Dim to 1%*	
TS QuickShip Drop ceiling clips for 9/16" slot ceiling				
TX QuickShip Drop ceiling clips for 15/16" slot ceiling				



*Make to Order means additional cost and/or lead time on customized fixtures may apply. Some fixtures require an MOQ. Please contact your sales rep for more information.

STRUCTURE

► Light Guide

Ultra-thin semi-transparent light guide made of PMMA material, allows distribution of controlled light in all 3-dimensions to put light on both vertical and horizontal planes within the space.

► Construction

Housing: Extruded aluminum
End Cap: Die cast aluminum
Smooth Lens: Uniform acrylic lens
Finish: Powder coat white or custom*

► Electrical

Min Internal LED Driver	It is powered by Class 2 high efficiency LED driver, with a standard 0-10V dimming that works with many types of controls. Continuous dims to 10% (standard), 1% (optional) . Tested Dimmers: Lutron® Diva-Dvtv, Leviton® IP-710-DL.
THD	<20%
Power Factor	>0.9
Input Voltage	Standard electronic drivers are UL recognized and available for 110-277AC input voltage.

► LED System

CRI	Minimum 90 color rendering index
CCT	CCT adjustable from 3000K, 3500K, 4000K with a great color consistency.
LED	Minimum 50,000h with 87.8% of lumen maintenance in 25°C ambient temperature, in compliance with IES LM-80 testing measurements.
Thermal Management Environment	Aluminum housing acting as the heat sink to maximize life. damp rated for ambient operating temperature of -20°C to +40°C (-4° to +104°F)

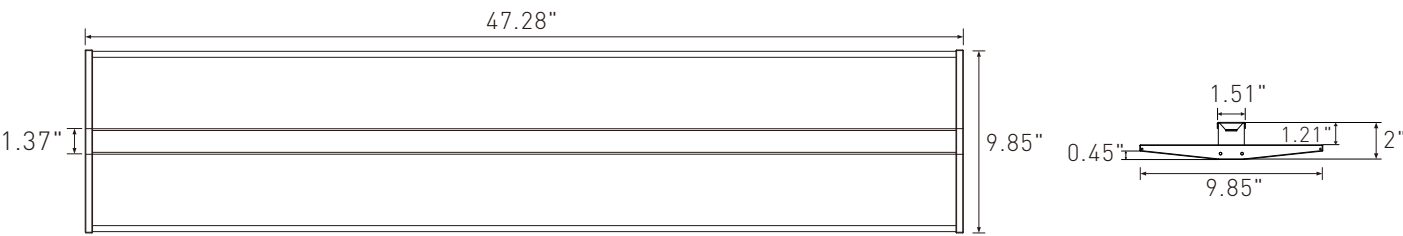
► Mounting

- Pendant-Dry ceiling or T-Grid ceiling compatible. Cable lengths of 5ft is standard, 12ft or others are available.
- Continue runs per power feed: Up to 10pcs in 120V AC, 20pcs in 277V AC and 347V AC.

► Approvals

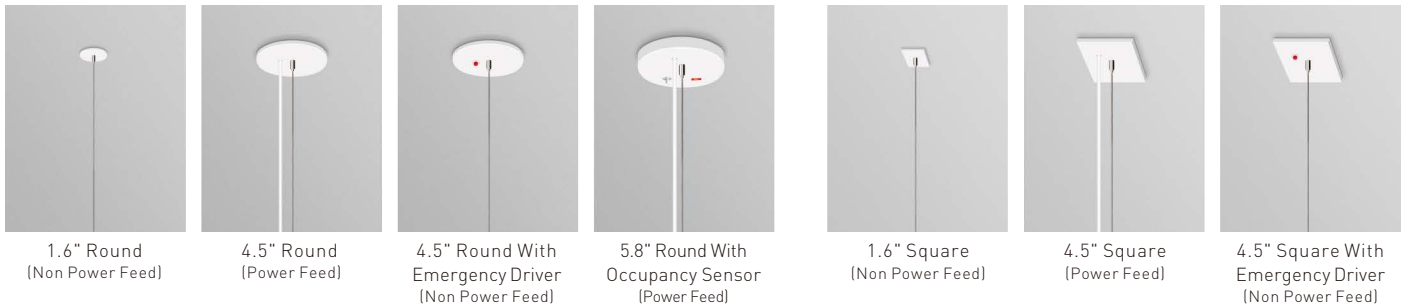
- cULus listed-Pending
- Suitable for damp locations
- Designed for indoor use only
- 5 years limited warranty(Labor not included)

DIMENSIONS



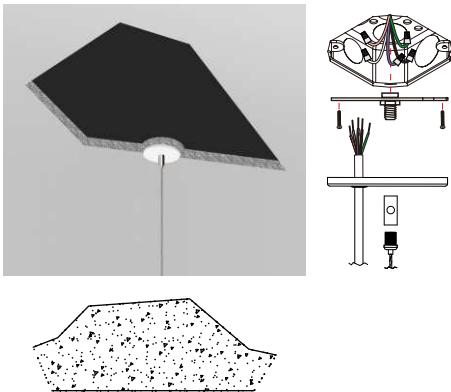
MOUNTING

Canopy Style



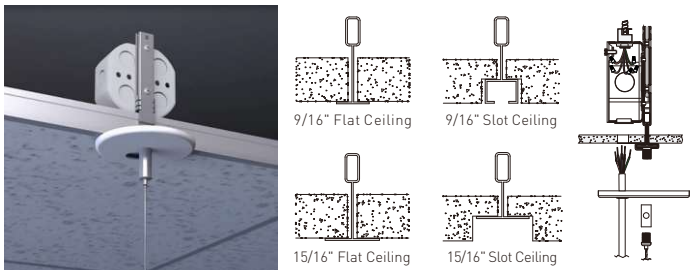
Dry Ceiling / Off Grid

"Various Hard Ceilings" (Mount to J-box)



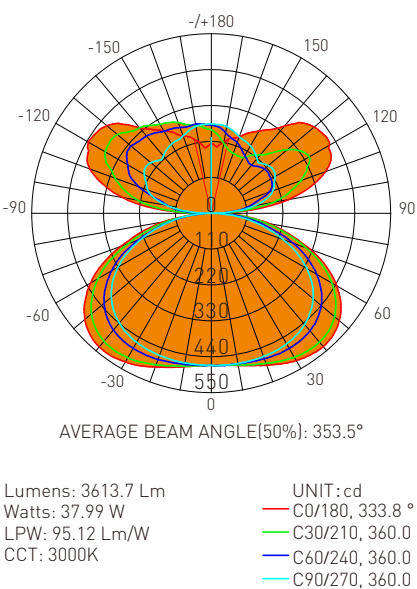
Drop Ceiling / On Grid

Suspending the luminaire in the T-grid. Compatible for various T-grid, including 9/16" Flat, 9/16" Slot, 15/16" Flat and 15/16" Slot.



*Please see the installation instruction for more details.

DISTRIBUTION DIAGRAM



Zonal Flux Diagram

τ	C0	C45	C90	C135	C180
10	474.0	469.9	467.6	474.6	477.4
20	495.7	482.2	467.1	487.7	501.5
30	521.2	493.8	462.3	497.2	526.3
40	533.3	494.1	444.9	490.9	534.7
50	511.9	468.3	407.2	454.5	505.8
60	443.3	402.2	337.4	377.1	427.6
70	322.2	290.4	234.4	253.5	294.8
80	177.1	153.3	116.4	121.2	147.9
90	35.38	28.83	1.721	39.10	50.46
100	237.9	147.0	132.8	174.8	274.2
110	371.2	225.6	200.9	253.6	395.8
120	418.6	259.7	225.7	330.1	435.3
130	411.5	235.9	228.4	345.4	418.1
140	349.3	206.6	218.7	324.6	342.3
150	290.9	192.1	239.7	301.9	291.9
160	249.1	215.9	250.6	288.7	251.0
170	222.8	241.0	269.9	277.5	221.7
180	215.4	266.9	273.4	267.9	215.4
DEG	LUMINOUS INTENSITY:cd				

Zonal Lumens

τ	φ total
0-10	44.78
10-20	180.2
20-30	406.4
30-40	715.9
40-50	1084
50-60	1465
60-70	1794
70-80	2007
80-90	2082
90-100	2192
100-110	2492
110-120	2720
120-130	3004
130-140	3232
140-150	3401
150-160	3519
160-170	3589
170-180	3614
UNIT: lm	

Luminance cd/(m2)

G(DEG)	C0/180	C90/270
85	4237	2617
80	4407	2885
75	4122	2904
70	4071	2951
65	3989	2956
60	3831	2905
55	3653	2831
50	3441	2727
45	3228	2613