

ZED 2.3"-Pendant

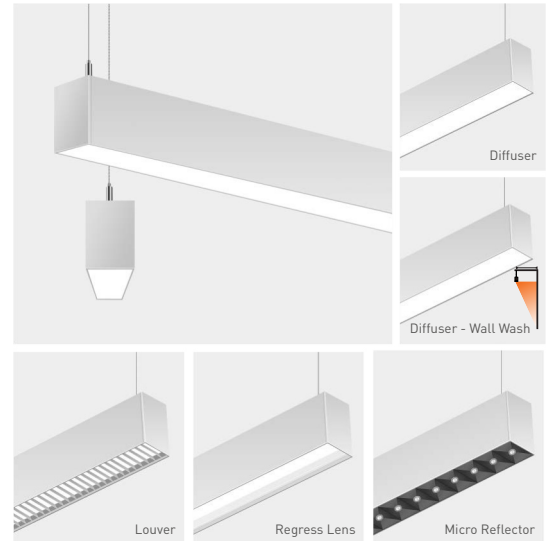
Spec-grade | Architectural LED Linear Lighting



ZED series 2.3" linear pendant lighting is a unique linear series that brings any space to the center stage. These linear luminaires are available in 2ft, 3ft, 4ft and 8ft, simply provide wide, powerful lighting to any atmosphere with continuous runs. It can provide smooth uplight and downlight, allowing for wider spacing between fixtures and better ceiling light uniformity. Unleash lighting design flexibility with different shapes and patterns, it adds fun factor into each room.

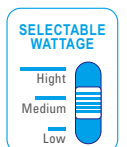
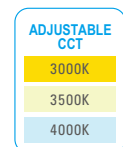
Feature

- Wattage selectable (50%/75%/100%)
- CCT adjustable from 3000K, 3500K, 4000K
- 7 embedded lighting distributions adjusting by dip switch
- 0-10V dimming, dim to 10% or 1% options
- Available in diffuser, micro reflector, louver and regressed lens
- Available in 2', 3', 4' and 8', individual units or continuous runs
- Custom pattern with optional Line, L, +, T, Y, V, Z, Curve joiners



PERFORMANCE

Lens	Length	Wattage Selectable	50% UP/50% DOWN@4000K		100% DOWN@4000K		CCT Adjustable
			Efficacy	Lumen Output	Efficacy	Lumen Output	
Diffuser	2'	20W/15W/10W	1200lm/ft	Up to 2400LM	1050m/ft	Up to 2100LM	3000K/3500K/4000K
	3'	30W/23W/15W		Up to 3600LM		Up to 3150LM	
	4'	40W/30W/20W		Up to 4800LM		Up to 4200LM	
	8'	80W/60W/40W		Up to 9600LM		Up to 8400LM	
Louver	2'	20W/15W/10W	950lm/ft	Up to 1900LM	650lm/ft	Up to 1300LM	3000K/3500K/4000K
	3'	30W/23W/15W		Up to 2850LM		Up to 1950LM	
	4'	40W/30W/20W		Up to 3800LM		Up to 2600LM	
	8'	80W/60W/40W		Up to 7600LM		Up to 5200LM	
Regress Lens	2'	20W/15W/10W	1100lm/ft	Up to 2200LM	900lm/ft	Up to 1800LM	3000K/3500K/4000K
	3'	30W/23W/15W		Up to 3300LM		Up to 2700LM	
	4'	40W/30W/20W		Up to 4400LM		Up to 3600LM	
	8'	80W/60W/40W		Up to 8800LM		Up to 7200LM	
Micro Reflector	2'	20W/15W/10W	1150lm/ft	Up to 2300LM	900lm/ft	Up to 1800LM	3000K/3500K/4000K
	3'	30W/23W/15W		Up to 3450LM		Up to 2700LM	
	4'	40W/30W/20W		Up to 4600LM		Up to 3600LM	
	8'	80W/60W/40W		Up to 9200LM		Up to 7200LM	



Remark:
Lumens are subject to maximum wattage, 4000K with white finish only.

Lumen output may vary $\pm$ 5% base on different CCT and wattage. Actual wattage may vary $\pm$ 5%.

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PRODUCT ORDERING GUIDE

Example: ZED23-4B-WH-40W-D10-80TW-A-DF (Pendant)

Default Settings: Maximum wattage, 4000K and 100% down.

ZE					80		A		(Pendant)
Product Series	Length	Finish	Wattage	0-10V Dim	CRI	CCT	Lighting Distribution	Down Lens	Just to remark the mounting. Don't show in product label.
ZED23 ZED Linear	2B QuickShip 2 Feet Bold	WH QuickShip White	20W QuickShip 20W/15W/10W Selectable for 2ft	D10 QuickShip 110-277V AC Dims to 10% <i>Tested Dimmers: Lutron Diva-Dvtv, Leviton IP-710-DL</i>	80 QuickShip 80+ CRI (Standard)	TW QuickShip CCT adjustable 3000K/3500K/ 4000K for diffuser, louver and regressed lens	A QuickShip Adjustable by visible Dip switch: 100% uplight 10% down, 90% up 30% down, 70% up 50% down, 50% up 70% down, 30% up 90% down, 10% up 100% downlight	DF QuickShip Diffuser LV QuickShip Louver MR QuickShip Micro Reflector RL QuickShip Regressed Lens (White Shade) WW QuickShip Wall Wash Diffuser (30° Tilt)	
	3B QuickShip 3 Feet Bold	BL QuickShip Black	30W QuickShip 30W/23W/15W Selectable for 3ft	D01 QuickShip 110-277V AC Dim to 1%	90 Make to Order 90+ CRI*				
	4B QuickShip 4 Feet Bold	CM Make to Order Custom *	40W QuickShip 40W/30W/20W Selectable for 4ft						
	8B QuickShip 8 Feet Bold		80W QuickShip 80W/60W/40W Selectable for 8ft						

OPTIONAL PENDANT ACCESSORY

Ceiling Type	Canopy	Power Cord&Aircraft Cable	Non-lit Joiner	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	SJ QuickShip Straight Line Joiner (Optional 40' rolling diffuser)	EMI QuickShip Emergency Function (Built-in 8W LED emergency driver and indicator before delivery, only for 4ft and 8ft lengths.)
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 QuickShip 12 ft white power cord + 12ft aircraft cable	TJ QuickShip "T" Joiner	EME QuickShip Emergency Function (Only external 8w or 25w LED emergency driver with standard indicator available and need field-installed.)
TS QuickShip Drop ceiling clips for 9/16" slot Ceiling	RDBL QuickShip 1.6" Round & Black 4.5" Round & Black (Designed for power cable)	C05BL QuickShip 4 ft black power cord + 5ft aircraft cable	LJ QuickShip "L" Joiner	OCC QuickShip Sensor Function (Built-in occupancy sensor in 5.8inch round canopy)
TX QuickShip Drop ceiling clips for 15/16" slot Ceiling	SQBL QuickShip 1.6" Square & Black 4.5" Square & Black (Designed for power cable)	C12BL QuickShip 12 ft black power cord + 12ft aircraft cable	+J QuickShip "+" Joiner	SMC Make to Order Smart Control Function* (Tunable white, brightness control and lighting distribution 0%~100% by APP or wall switch)
			YJ QuickShip "Y" Joiner	
			VJ QuickShip "V" Joiner	
			ZJ QuickShip "Z" Joiner	
			UJ Make to Order Curve Lit or Non-Lit* Silicone rolling lens required if lit	

CUSTOM LINE OR SHAPE ORDERING GUIDE

Example: ZED23-B-S08-WH-D10-DW-RDWH-CO5WH

SHAPE/LENGTH* (CHOOSE 1 & ENTER LENGTH IN FEET)	Finish	Down Lens	0-10V Dim	Ceiling Type	Canopy	Power Cord & Aircraft Cable
ZEDB-C ___ Individual 6ft/ up to 8ft Continuous Run Section QuickShip (Enter length in product code above, ex. C18)	WH QuickShip White	DF QuickShip Diffuser	D10 QuickShip 110-277V AC Dims to 10% <i>Tested Dimmers: Lutron Diva-Dvtv, Leviton IP-710-DL</i>	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
ZEDB-S ___ Square Configuration QuickShip (Enter side length A, ex: S18)	BL QuickShip Black	LV QuickShip Louver	D01 QuickShip 110-277V AC Dim to 1%	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 QuickShip 12 ft white power cord + 12ft aircraft cable
ZEDB-R ___/ Rectangular Configuration QuickShip (Enter side lengths A and B, ex. R12/24)	CM Make to Order Custom *	MR QuickShip Micro Reflector		TS QuickShip Drop ceiling clips for 9/16" slot Ceiling	RDBL QuickShip 1.6" Round & Black 4.5" Round & Black (Designed for power cable)	C05BL QuickShip 4 ft black power cord + 5ft aircraft cable
ZEDB-L ___/ L- Shaped Configuration QuickShip (Enter side lengths A and B, ex. L12/24)		RL QuickShip Regressed Lens (White Shade)		TX QuickShip Drop ceiling clips for 15/16" slot Ceiling	SQBL QuickShip 1.6" Square & Black 4.5" Square & Black (Designed for power cable)	C12BL QuickShip 12 ft black power cord + 12ft aircraft cable
ZEDB-T ___/ T- Shaped Configuration QuickShip (Enter side lengths A, B and C ex. T04/06/08)						
ZED-X ___/ Cross-Shaped Configuration QuickShip (Enter side lengths A, B,C and D, ex. X02/02/02/02)		WW QuickShip Wall Wash Diffuser (30° Tilt)				
ZEDB-Y ___/ Y- Shaped Configuration QuickShip (Enter side lengths A,B and C, ex. Y04/04/04)						
ZEDB-H ___ Hexagon-Shaped Configuration QuickShip (Enter side lengths A, ex. H04)						
ZEDB-Z ___/ Angled Configuration to connect another line on a different plane QuickShip (Enter side lengths A and B, ex. Z04/04)						
ZEDB-U ___/ Curve Configuration. Silicone rolling lens required for lit curve Make to Order (Enter side lengths A and B, ex. A04/04)*						

(C)
Continuous Run
(Line Joiner)

(S)
Square
(L Joiner)

(R)
Rectangular
(L Joiner)

(L)
L-Shaped
(L Joiner)

(T)
T-Shaped
(T Joiner)

(X)
Cross-Shaped
(+ Joiner)

(Y)
Y-Shaped
(Y Joiner)

(H)
Hexagon
(V Joiner)

(Z)
Angled
(Z Joiner)

(U)
Curve*
(U Joiner)

*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.

Damp rated for ambient operating temperature of -20°C to +40°C [-4° to +104°F]

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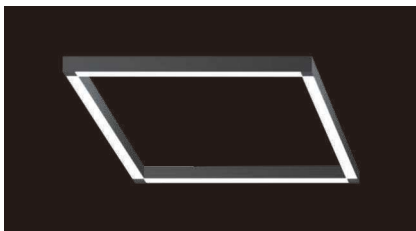


CONFIGURED SHAPES

Straights & Mitered Corners



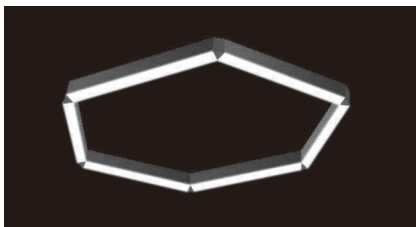
90° L Angle



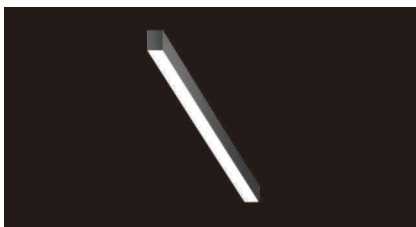
Square



Rectangle

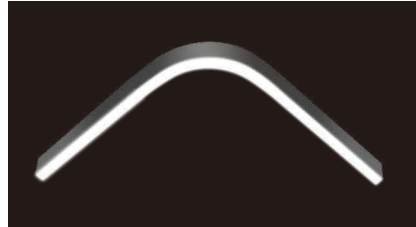


Hexagon

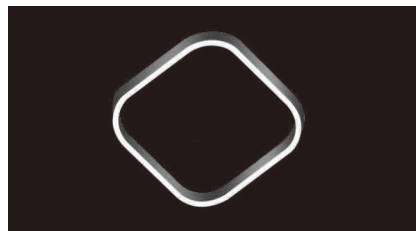


Straight

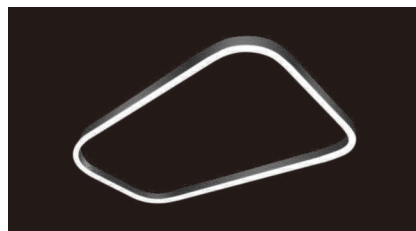
Soft Corners-Lit



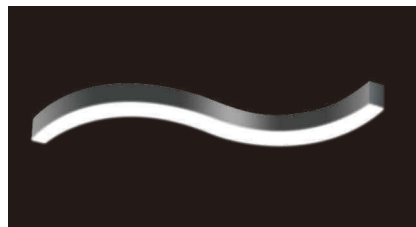
90° Soft Angle-Lit



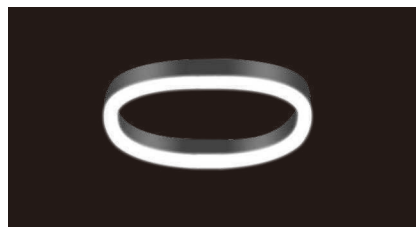
Soft Square-Lit



Soft Rectangle-Lit



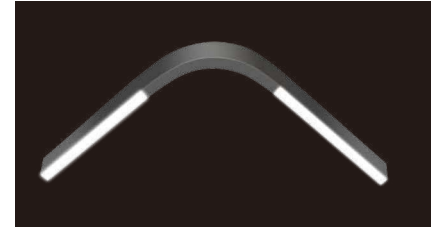
90° Double Squiggle



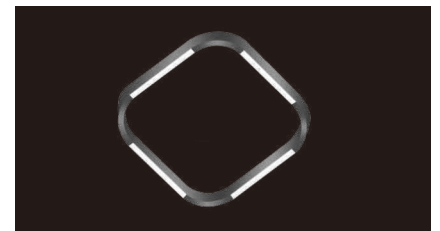
Circle-Lit

Note: Silicone rolling lens required if using soft lit curve.

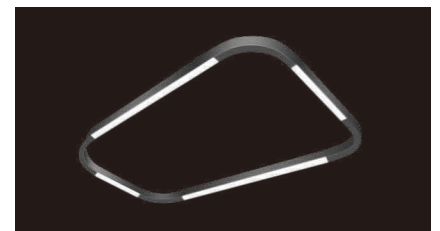
Soft Corners



90° Soft Angle



Soft Square



Soft Rectangle

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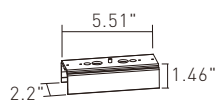
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Standard Line Runs In 120V

Luminaire Run Length (ft)	Run Configuration	Line Joiner	5' Power Cable	5' Aircraft Cable	Canopy
2	2'	-	1	2	2
4	4'	-	1	2	2
6	4'+2'	1	1	3	3
8	8'	-	1	2	2
10	8'+2'	1	1	3	3
12	8'+4'	1	1	3	3
14	8'+4'+2'	2	1	4	4
16	8'+8'	1	1	3	3
18	8'+8'+2'	2	1	4	4
20	8'+8'+4'	2	1	4	4
22	8'+8'+4'+2'	3	1	5	5
24	8'+8'+8'	2	1	4	4
26	8'+8'+8'+2'	3	1	5	5
28	8'+8'+8'+4'	3	1	5	5
30	8'+8'+8'+4'+2'	4	1	6	6
32	8'+8'+8'+8'	3	1	5	5
34	8'+8'+8'+8'+2'	4	1	6	6
36	8'+8'+8'+8'+4'	4	1	6	6
38	8'+8'+8'+8'+4'+2'	5	1	7	7
40	8'+8'+8'+8'+8'	4	1	6	6

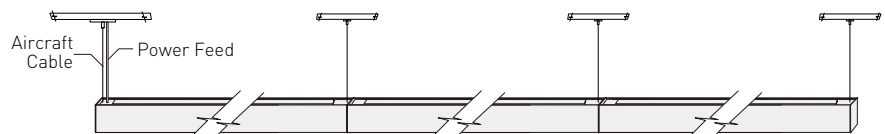
Continuous Run



Line Joiner

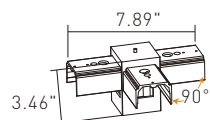


40' Continuous Rolling Lens

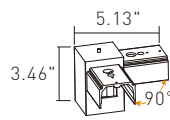


Individual or continuous run, up to 40ft in 120V AC, 100ft in 277V AC.

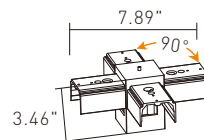
Custom Pattern With Joiners



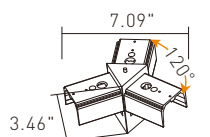
"T" Joiner



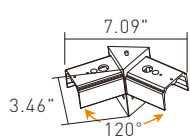
"L" Joiner



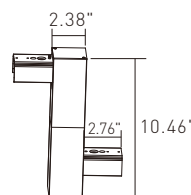
"+" Joiner



"Y" Joiner



"V" Joiner



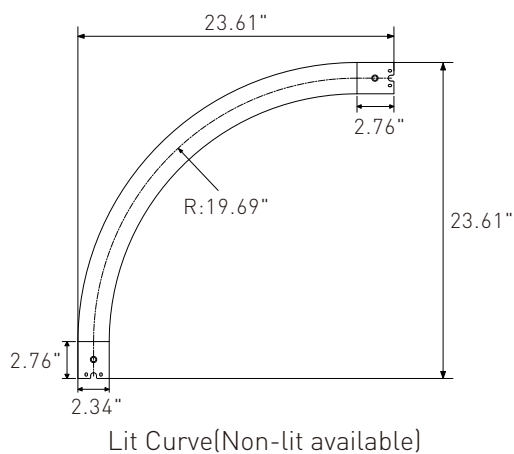
"Z" Joiner

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CURVE LIGHT



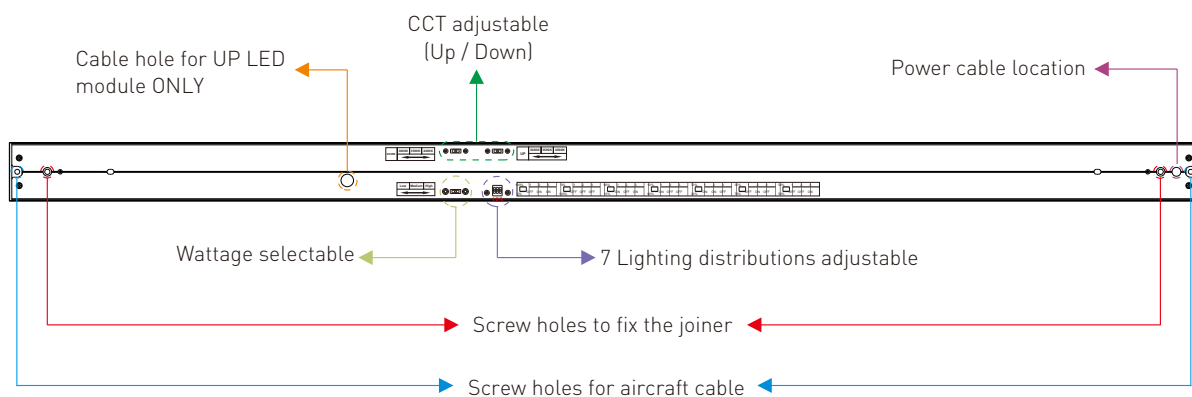
Performance:

- Wattage selectable (30W/23W/15W)
- CCT adjustable (3000K/3500K/4000K)
- Down lighting distribution adjustable (100%/90%/70%/50%/30%/10%)
- 0-10V dimming, dim to 10% or 1% options
- Up to 2700lm
- Up to 40' silicone rolling lens

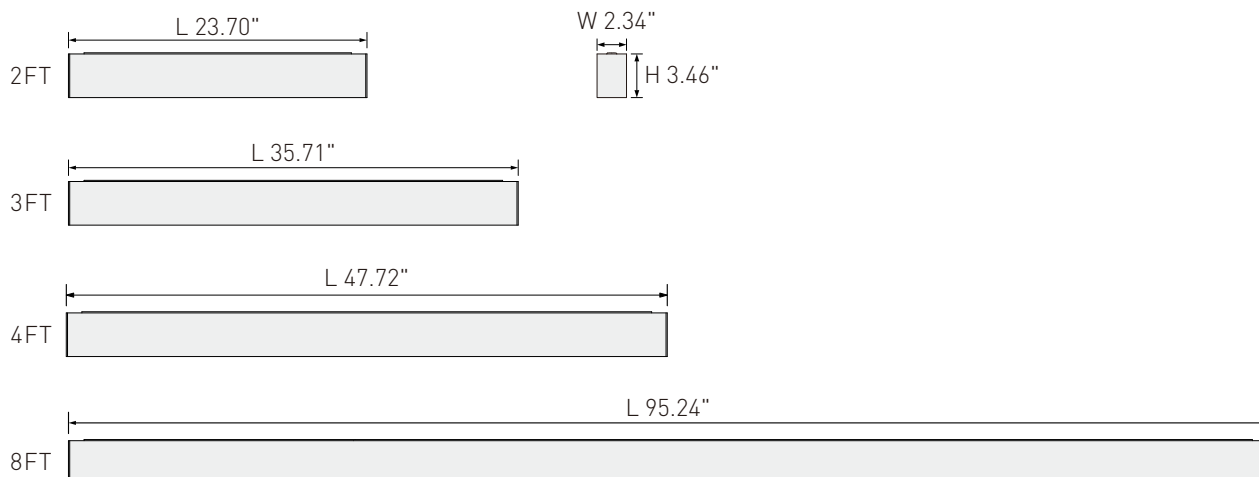
Note: It reduces brightness by 20% if using silicone rolling lens for the whole pattern.



MOUNTING LOCATION



DIMENSIONS



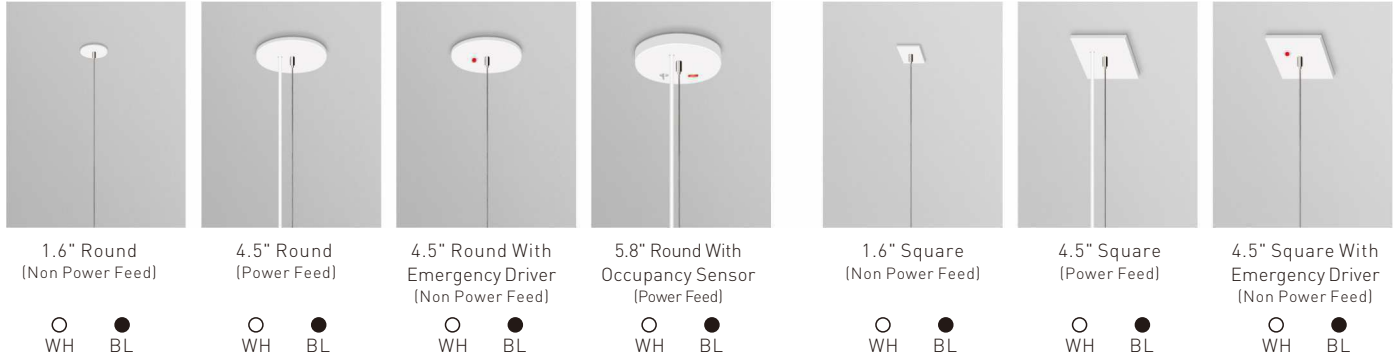
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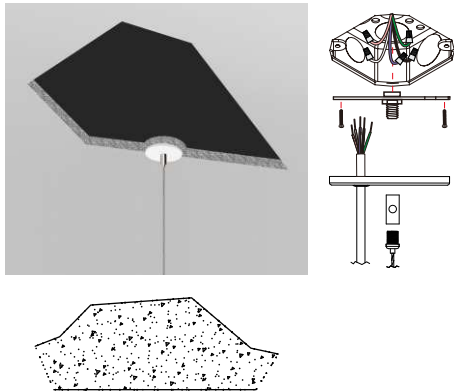
MOUNTING

Canopy Style



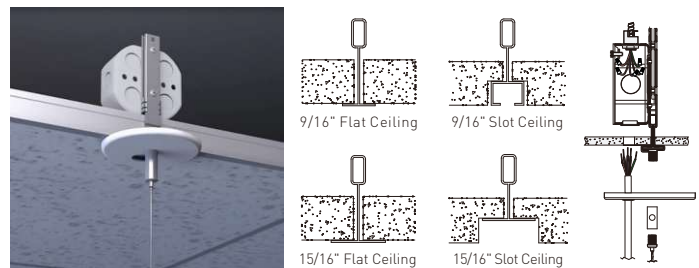
Dry Ceiling / Off Grid

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



Drop Ceiling / On Grid

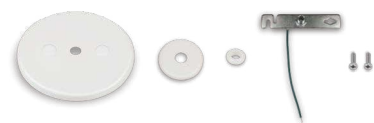
Suspending the luminaire in the T-grid. Compatible for various T-grid, including 9/16" Flat, 9/16" Slot, 15/16" Flat.



*Please see the installation instruction for more details.

Pendant Accessories For Dry Ceiling

Canopy Kits



Power Cord Kits



Aircraft Cable Kits



Pendant Accessories For Drop Ceiling

Canopy Kits



Power Cord Kits



Junction Box



Aircraft Cable Kits



T-grid Clips



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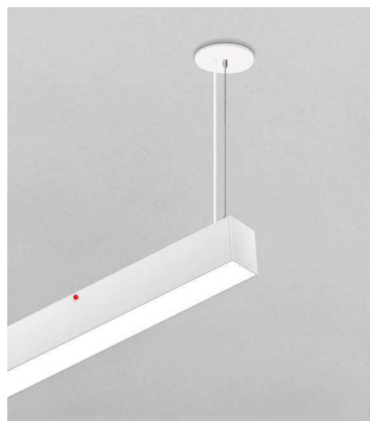
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OPTIONAL FUNCTION

► Emergency Option

We offers UL& CEC Listed LED emergency drivers. They could be factory installed or field installed. When AC power fails it, immediately switches to the emergency mode operating for lighting minimum 90 minutes. When AC power is restored it, automatically returns to the charging mode which meets critical life-safety lighting requirements.



EMI

Built-in LED emergency driver

We offers the LED luminaire with built-in 8w LED emergency driver to provide critical illumination when normal power fails for any reason. It can save your labor cost with simple wiring.

Specification For LED Emergency Driver

Output Power	8 Watts
Output Voltage	15-54V DC
Input Current	70 mA (Max)
Input Power	3.2 Watts (Max)
Input Voltage	110-277VAC, 50-60Hz
Emergency Operation	>90 Minutes
Standby Power	<0.4W
Operating Temp	0°C to 50°C
Battery	Lithium
Recharge	24 Hrs
Certificate	UL , CEC

Code-Required Testing

• Initial Self-Test After Installation

It will perform a functional test in 3 seconds after the driver installed to check the wiring and battery output when work. The indicator LED will be off or flicker in case of a failure or an error.

• Second Self-Test In 120 Minutes

It will perform second test in 120 minutes to check again. Upgrade in Gen 3: Repeat 4 times in every 120 minutes if fail in the second test.

• Monthly Self-Test

It will automatically perform a test every 30 days with a duration of 3 seconds, in which the wiring and battery output are checked. In case of a failure or an error, the indicator LED will be off or flicker.



EME

Order Separated LED emergency driver

Optional 8w or 25w high voltage LED emergency driver can be provided if you need and do it wiring in field. For more info or spec sheet please visit our, website or contact sales.



► Occupancy Sensor



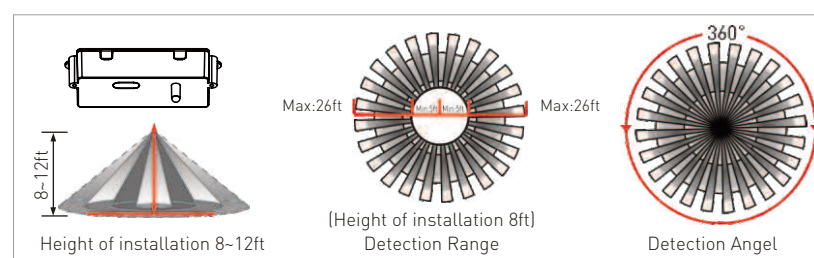
OCC

We can provide a factory-installed integrated sensor system for multi-level control based on motion and/or daylight contribution with BR1810-B-D level & daylight harvest microwave sensor from SHARKWARD. For more info or spec sheet, please contact sales.

Specification

Power Supply	120/277 VAC 50/60Hz
Maximum load @-40°F~+158°F (-40°C~+70°C)	Resistive/ Tungsten-600W@120V Electronic Ballast(LED)-800VA@120V/1200VA@277V
HF System	5.8GHz CW
Dim Control Output	0-10V, max.25mA sinking current
Detection Radius/angle	Max 26ft.(8m)/360
Mounting Height	Max 12ft
Humidity	Max.95% RH
Temperature	-40°F~+158°F (-40°C~+70°C)

Sensor Coverage

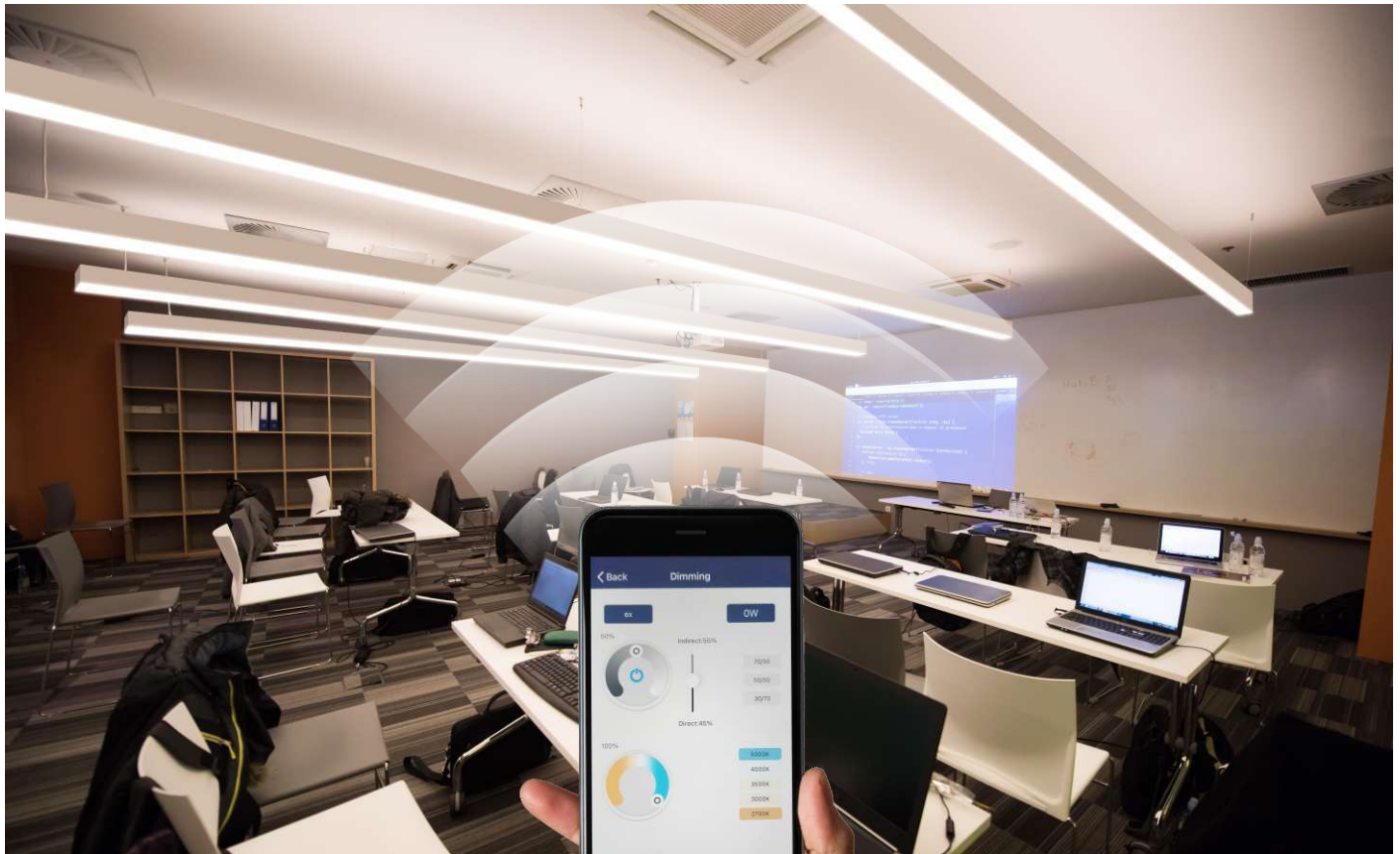


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Smart Control



Smart Control



SMART CONTROL BY APP OR WALL SWITCH

Tunable White 2700K-5000K

Brightness Control Dim to OFF

Lighting Distribution Direct And Indirect
0%~100%

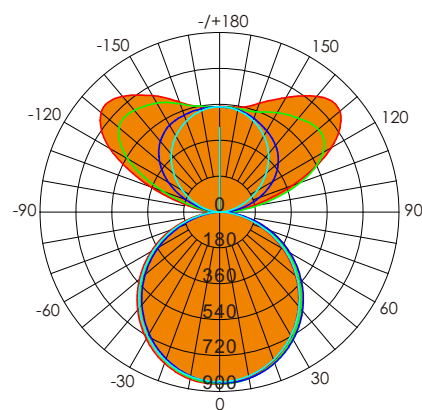
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DISTRIBUTION DIAGRAM

4'/ Diffuser/50% Up,50% Down/ 4000K



Lumens: 4739.1 Lm
Watts: 40 W
LPW: 118.48 Lm/W
CCT: 4000K

UNIT: cd
— C0/180, 360°
— C30/210, 360°
— C60/240, 360°
— C90/270, 360°

Zonal Flux Diagram

τ	C0	C45	C90	C135	C180
10	844.1	849.1	835.1	821.8	851.1
20	792.8	807.2	788.8	762.5	807.4
30	716.2	737.2	715.9	677.7	735.6
40	616.1	644.0	619.9	572.8	639.9
50	499.2	530.9	505.0	451.3	525.8
60	365.3	402.1	374.7	315.6	395.8
70	224.4	260.6	232.0	174.7	254.3
80	90.07	120.5	95.53	51.77	117.0
90	39.69	49.44	5.334	21.91	41.89
100	151.2	163.7	51.22	102.9	136.5
110	384.4	328.2	131.1	278.8	362.9
120	647.4	443.0	219.3	441.8	634.5
130	787.6	497.4	305.2	530.7	775.5
140	758.4	518.4	382.3	561.8	757.7
150	663.4	517.6	443.7	564.1	675.3
160	581.3	514.0	489.8	540.6	586.6
170	534.3	524.9	518.7	530.1	537.2
180	529.9	529.8	529.8	529.8	529.9
DEG	LUMINOUS INTENSITY:cd				

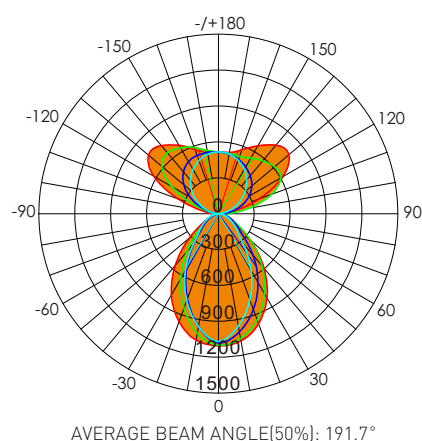
Zonal Lumens

τ	φ total
0-10	80.98
10-20	312.7
20-30	663.4
30-40	1086
40-50	1525
50-60	1924
60-70	2230
70-80	2408
80-90	2466
90-100	2533
100-110	2730
110-120	3081
120-130	3517
130-140	3940
140-150	4287
150-160	4539
160-170	4689
170-180	4739
UNIT: lm	

Luminance cd/(m2)

G(DEG)	C0/180	C90/270
85	5888	6535
80	7204	7641
75	8283	8654
70	9112	9422
65	9708	10024
60	10148	10409
55	10512	10690
50	10787	10912
45	10988	11085

4'/Louver/50% Up,50% Down/ 4000K



Lumens: 3865.5 Lm
Watts: 40 W
LPW: 96.64 Lm/W
CCT: 4000K

UNIT: cd
— C0/180, 324.8°
— C30/210, 314.8°
— C60/240, 65.6°
— C90/270, 61.7°

Zonal Flux Diagram

τ	C0	C45	C90	C135	C180
10	1080	1035	954.1	927.2	1072
20	979.0	906.2	768.3	723.1	961.9
30	812.0	730.3	548.8	499.4	787.4
40	591.3	522.4	316.4	290.5	560.6
50	351.7	316.7	194.1	152.0	319.5
60	160.0	176.7	126.5	85.60	138.9
70	83.27	105.6	73.47	38.44	73.07
80	32.44	53.30	31.05	2.405	25.50
90	29.54	66.04	1.446	0.4677	28.35
100	133.0	190.9	43.89	68.63	129.1
110	355.3	337.7	121.1	230.3	353.8
120	619.5	430.1	208.1	409.1	623.0
130	768.4	471.2	292.9	520.3	762.4
140	748.7	488.8	368.7	559.9	743.5
150	654.4	489.0	431.7	567.4	661.0
160	570.4	497.4	477.9	544.6	571.4
170	521.3	510.4	508.1	524.3	523.3
180	516.7	516.6	516.5	516.6	516.7
DEG	LUMINOUS INTENSITY:cd				

Zonal Lumens

τ	φ total
0-10	99.25
10-20	361.0
20-30	707.3
30-40	1047
40-50	1308
50-60	1483
60-70	1590
70-80	1647
80-90	1672
90-100	1734
100-110	1919
110-120	2252
120-130	2672
130-140	3082
140-150	3422
150-160	3669
160-170	3816
170-180	3866
UNIT: lm	

Luminance cd/(m2)

G(DEG)	C0/180	C90/270
85	2227	2085
80	2595	2483
75	2967	2740
70	3381	2983
65	3871	3236
60	4444	3513
55	5907	3834
50	7599	4195
45	9253	4620

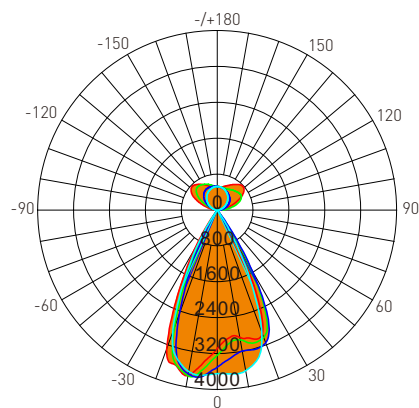
ZED 2.3"-Pendant

Spec-grade | Architectural LED Linear Lighting



DISTRIBUTION DIAGRAM

4'/Micro Reflector/50% Up,50% Down/ 4000K



Lumens: 4530.0 Lm
Watts: 40 W
LPW: 113.25 Lm/W
CCT: 4000K

UNIT: cd
— C0/180, 51.8°
— C30/210, 51.9°
— C60/240, 51.1°
— C90/270, 49.5°

Zonal Flux Diagram

τ	C0	C45	C90	C135	C180
10	2880	3036	3634	3615	3745
20	2939	3141	2911	1757	3294
30	819.2	1675	767.6	84.95	1038
40	5.200	38.70	6.196	3.696	5.573
50	2.820	3.517	1.928	1.993	3.010
60	1.700	1.590	0.8656	1.277	1.783
70	1.244	0.8401	0.6042	0.9728	1.231
80	0.6716	0.5905	0.3831	0.7114	0.7084
90	30.98	71.66	0.2141	0.0995	29.17
100	142.1	225.0	44.13	62.52	127.1
110	372.9	363.9	121.7	217.7	351.7
120	635.7	442.3	209.3	395.6	622.1
130	775.0	475.8	294.3	511.7	761.3
140	747.9	487.4	371.4	557.4	744.0
150	655.7	488.6	438.3	571.1	664.9
160	575.3	503.6	486.8	554.1	577.9
170	529.8	517.2	519.4	534.1	531.5
180	526.1	525.7	525.2	525.2	526.1
DEG	LUMINOUS INTENSITY:cd				

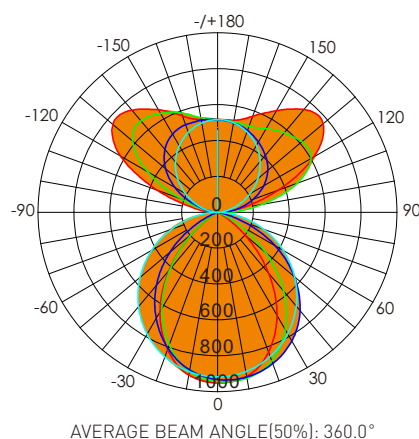
Zonal Lumens

τ	φ total
0-10	328.5
10-20	1229
20-30	2096
30-40	2302
40-50	2307
50-60	2309
60-70	2310
70-80	2311
80-90	2320
90-100	2386
100-110	2576
110-120	2909
120-130	3327
130-140	3737
140-150	4079
150-160	4329
160-170	4480
170-180	4530
UNIT: lm	

Luminance cd/(m2)

G(DEG)	C0/180	C90/270
85	86	40
80	54	31
75	50	27
70	50	25
65	48	24
60	47	24
55	50	29
50	61	42
45	76	59

4'/Regress Lens/50% Up,50% Down/ 4000K



Lumens: 4070.6 Lm
Watts: 40 W
LPW: 101.77 Lm/W
CCT: 4000K

UNIT: cd
— C0/180, 360°
— C30/210, 360°
— C60/240, 360°
— C90/270, 360°

Zonal Flux Diagram

τ	C0	C45	C90	C135	C180
10	928.1	938.5	901.8	838.4	921.2
20	829.8	899.4	855.9	712.6	814.6
30	663.4	806.8	781.9	546.8	643.6
40	442.7	657.8	682.4	347.7	418.9
50	204.9	466.2	560.3	143.4	181.6
60	27.77	244.0	420.8	10.84	16.86
70	2.630	47.83	268.2	1.816	2.600
80	1.065	1.703	117.4	0.7295	1.033
90	29.42	53.07	1.509	0.3989	28.29
100	132.9	190.9	44.10	68.59	129.0
110	355.1	337.7	121.5	230.3	353.6
120	619.3	430.1	208.7	409.3	622.8
130	768.2	471.2	293.6	520.7	762.1
140	748.5	488.9	369.4	560.2	743.3
150	654.2	489.1	432.2	567.7	660.9
160	570.3	497.3	478.0	544.8	571.3
170	521.2	510.3	508.1	524.4	523.2
180	516.6	516.4	516.4	516.4	516.6
DEG	LUMINOUS INTENSITY:cd				

Zonal Lumens

τ	φ total
5-10	87.59
15-20	334.1
25-30	691.8
35-40	1088
45-50	1441
55-60	1686
65-70	1815
75-80	1862
85-90	1875
95-100	1936
105-110	2122
115-120	2455
125-130	2876
135-140	3287
145-150	3627
155-160	3874
165-170	4021
175-180	4071
UNIT: lm	

Luminance cd/(m2)

G(DEG)	C0/180	C90/270
85	119	7843
80	85	9390
75	92	10237
70	107	10891
65	135	11369
60	771	11690
55	2455	11935
50	4427	12107
45	6332	12253

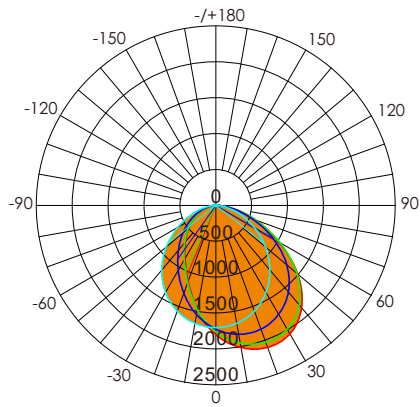
ZED 2.3"-Pendant

Spec-grade | Architectural LED Linear Lighting



DISTRIBUTION DIAGRAM

4' / Diffuser Wall Wash/4000K



Lumens: 4602.1 Lm
Watts: 41.95 W
LPW: 109.71 Lm/W
CCT: 4000K

UNIT: cd
— C0/180, 81.4°
— C30/210, 85°
— C60/240, 95.3°
— C90/270, 103.8°

Zonal Flux Diagram

τ	C0	C45	C90	C135	C180
10	2010	1892	1670	1472	1483
20	2106	1945	1568	1184	1126
30	2066	1891	1398	927.9	861.6
40	1860	1716	1174	715.0	661.5
50	1489	1408	904.0	528.6	494.0
60	1086	996.3	622.2	361.1	345.2
70	553.6	571.0	356.6	210.1	208.9
80	213.5	226.9	137.6	82.39	92.18
90	14.38	17.50	1.568	1.378	4.851
100	5.281	2.620	0.6399	0.9592	0.9344
110	1.389	0.8569	1.168	1.720	1.700
120	1.055	1.211	1.816	2.574	2.615
130	1.424	1.613	2.405	3.370	3.507
140	1.853	2.077	2.993	3.994	4.244
150	2.385	2.631	3.488	4.418	4.753
160	3.118	3.275	3.898	4.626	5.061
170	4.023	3.919	4.192	4.626	5.093
180	4.706	4.381	4.215	4.300	4.720
DEG	LUMINOUS INTENSITY:cd				

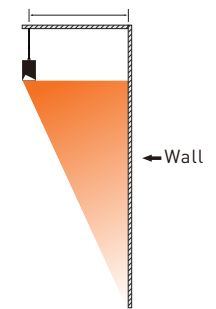
Zonal Lumens

τ	φ total
0-10	163.5
10-20	625.8
20-30	1318
30-40	2145
40-50	2988
50-60	3717
60-70	4233
70-80	4509
80-90	4586
90-100	4590
100-110	4591
110-120	4593
120-130	4595
130-140	4597
140-150	4599
150-160	4061
160-170	4062
170-180	4062
UNIT: lm	

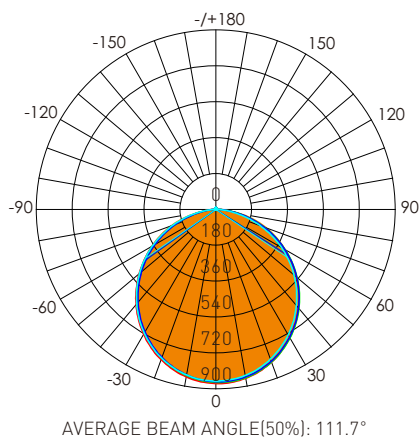
Luminance cd/(m2)

G(DEG)	C0/180	C90/270
85	14792	9050
80	17074	11003
75	19709	12753
70	22480	14479
65	25273	15947
60	28006	17283
55	30421	18643
50	32173	19532
45	33247	20509

18"-30" Recommended Distance from Wall



Curve Light/4000K



Lumens: 2481.9 Lm
Watts: 30 W
LPW: 84.90 Lm/W
CCT: 4000K

UNIT: cd
— C0/180, 111.9°
— C30/210, 111.8°
— C60/240, 111.7°
— C90/270, 111.6°

Zonal Flux Diagram

τ	C0	C45	C90	C135	C180
10	860.6	855.2	845.7	830.1	853.3
20	816.2	813.8	799.9	773.2	802.2
30	742.5	743.4	726.1	690.0	724.8
40	645.7	648.0	628.4	585.2	622.6
50	528.3	532.9	512.0	462.9	502.4
60	394.9	401.2	379.2	325.8	367.2
70	251.1	256.9	234.9	181.0	220.6
80	108.9	113.1	92.30	53.11	85.57
90	13.22	12.94	4.322	6.413	12.06
100	2.742	2.866	3.288	4.235	4.792
110	3.593	3.764	4.114	4.521	3.902
120	4.604	4.566	5.048	5.432	4.637
130	5.699	5.820	6.040	6.359	5.476
140	6.773	6.914	7.019	7.259	6.419
150	7.792	7.834	7.884	8.102	7.429
160	8.727	8.727	8.588	8.885	8.489
170	10.25	9.618	9.243	9.629	9.319
180	10.07	10.04	10.24	10.59	10.10
DEG	LUMINOUS INTENSITY:cd				

Zonal Lumens

τ	φ total
0-10	81.56
10-20	314.8
20-30	667.3
30-40	1091
40-50	1530
50-60	1926
60-70	2227
70-80	2398
80-90	2448
90-100	2454
100-110	2457
110-120	2461
120-130	2466
130-140	2470
140-150	2475
150-160	2478
160-170	2481
170-180	2482
UNIT: lm	

Luminance cd/(m2)

G(DEG)	C0/180	C90/270
85	11550	8095
80	12055	10222
75	13234	11956
70	14119	13207
65	14754	14018
60	15187	14585
55	15526	14989
50	15808	15318
45	16024	15572