

JADIL-23-CPS SERIES

PENDANT MOUNT ARCHITECTURAL CCT & POWER SELECTABLE LINEAR SERIES



FEATURES

- 90+ CRI Standard
- CCT and Wattage selectable
- Aluminum housing
- 0-10V dimming, dim to 10% or 1% options
- 12V Auxiliary
- Available with diffuser, wall washer, louver, regressed, micro reflector lens
- Individual units or continuous runs
- 2ft, 3ft, 4ft and 8ft lengths
- Damp rated for ambient operating temperature of -20°C to 40°C (-4° to 104°F)

Pendant Mount

- 7 lighting distribution types adjusted by dip switch:
Direct Down (100%)
Direct/Indirect (90%/10% - 70%/30% - 50%/50% - 30%/70% - 10%/90%)
Direct Up (100%)
- Custom pattern with optional Line, L, X, T, Y, V, Z, Soft corners joiners
- Dry ceiling or T-Grid ceiling compatible

LENS TYPES



SPECIFICATIONS

Available Lengths & Selectable Wattage: 2ft (20W/15W/10W); 3ft (30W/23W/15W); 4ft (40W/30W/20W); 8ft (80W/60W/40W)

Profile Color Options: Standard: White; Optional: Black, Custom Color

CCT Options: Selectable: 3000K / 3500K / 4000K

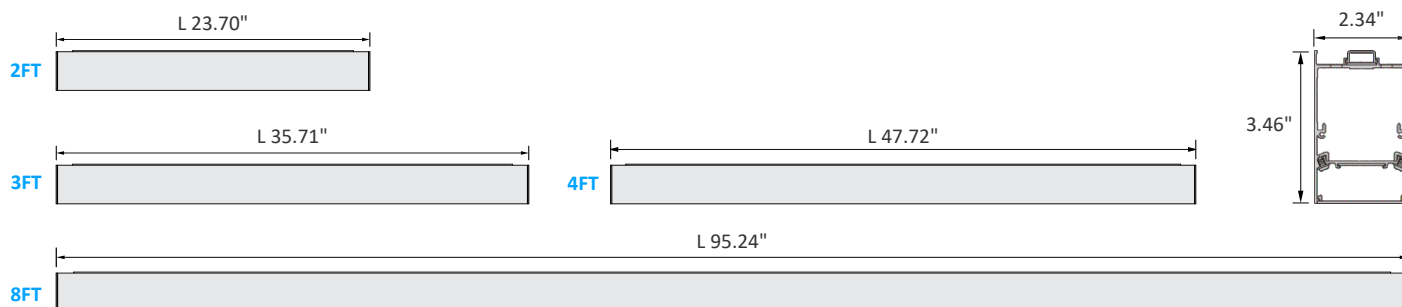
CRI Options: 90+ CRI Standard

Input Voltage: CC 120-277VAC Internal driver

Ambient Temp.: -20°C to 40°C (-4°F to 104°F)

Warranty: 10 Years Limited

CROSS SECTION & PROFILE LENGTHS



Project Name/Type:		Date
Catalog/Part #:		

JADIL-23-CPS SERIES SINGLE/CONTINUOUS RUN ARCHITECTURAL LINEAR

ORDERING INFORMATION / EXAMPLE: JADIL-23-CPS3-30W-90-WH-MR-50/50%-D01-PM12-SR-NLC-FC

JADIL-23-CPS				90						
Product Series	Length	Wattage	CCT	CRI	Finish	Down Lens	Light Distribution	Dimming	Mounting	Control Options
JADIL-23-CPS	2 2 Feet Bold 3 3 Feet Bold 4 4 Feet Bold 8 8 Feet Bold XX Custom*	20W 20W/15W/10W Selectable for 2ft 30W 30W/23W/15W Selectable for 3ft 40W 40W/30W/20W Selectable for 4ft 80W 80W/60W/40W Selectable for 8ft XXW Pls Select the Factory Set value	Blank CCT adjustable 3000K/3500K/ 4000K XXX Pls Select the Factory Set value	Blank 90+ CRI (Standard)	WH White (Standard) BK Black CC Custom* *Special order	DF Diffuser LV Louver MR Micro Reflector RL Regressed Lens (White Shade) WW Wall Wash Diffuser (30° Tilt)	XX/XX% Please select the required value as the factory set option Adjustable by visible dip switch, 7 types: • 100% down light • 90% down, 10% up • 70% down, 30% up • 50% down, 50% up • 30% down, 70% up • 10% down, 90% up • 100% up light	D10 100-277VAC Dim to 10% (Standard) Tested Dimmers: * Lutron Diva-Dvtt, * Leviton IP-710-DL D01 100-277VAC Dims to 1%* *Special order	PM5/PM5-DC 5' Mount Kit Drywall/ Drop Ceiling (Standard) PM12/PM12-DC 12" Mount Kit Drywall/ Drop Ceiling	Blank No Controller/Sensor SR-NLC-XX Silvrax Fixture Controller/ Sensor CB-NLC-XX Casambi Fixture Controller/ Sensor BN-NLC-XX BubblyNet Fixture Controller/ Sensor BMWO Sensor Function (Built-In Occupancy sensor in Ø5.8" round canopy)
Default Settings: Maximum wattage, 4000K and 100% down.										

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

OPTIONAL PENDANT MOUNT ACCESSORIES

Ceiling Type	Canopy	Power Cord & Aircraft Cable	Lit Joiner	Non-lit Joiner	Optional Sensor (See page 4)	Other Options
DW Dry ceiling Mount to J-box	RDWH 1.6" Round & White 4.5" Round & White (Designed for power cable)	C05WH 4 ft white power cord + 5ft aircraft cable	LJ Lit "L" Joiner	SJ Straight Line Joiner (Optional 40" rolling diffuser)	OCC-DDM 100% Down, Dimming Only OCC-DDM-A01 OCC-DDM-A02 OCC-DDM-A03 OCC-DDM-A04 OCC-DDM-K01 OCC-DDM-K02	Blank Not BAA/BABA EMI-8W Emergency Function (Built-in 8W LED emergency driver and indicator before delivery, only for 4ft and 8ft lengths.) EMI16/EM25 Emergency Function (Only external 16w or 25w LED emergency driver with standard indicator available and need field-installed.)
TF Drop ceiling clips for 9/16" and 15/16" flat ceiling	SQWH 1.6" Square & White 4.5" Square & White (Designed for power cable)	C12WH 12 ft white power cord + 12ft aircraft cable	L+J Lit "+" Joiner*	TJ "T" Joiner	OCC-DDT 100% Down, Dimming and Tunable White OCC-DDT-A01 * OCC-DDT-A02 * OCC-DDT-A03 * OCC-DDT-A04 * OCC-DDT-K01 * OCC-DDT-K02	EMI16/EM25 Emergency Function (Only external 16w or 25w LED emergency driver with standard indicator available and need field-installed.)
TS Drop ceiling clips for 9/16" slot Ceiling	RDBL 1.6" Round & Black 4.5" Round & Black (Designed for power cable)	C05BL 4 ft black power cord + 5ft aircraft cable	L+J Lit "+" Joiner*	+J "+" Joiner	OCC-ADM Up/Down Dimming Only OCC-ADM-A01 OCC-ADM-A02 OCC-ADM-A03 OCC-ADM-A04 OCC-ADM-K01 OCC-ADM-K02	BAA Buy American Act* <i>*Selected SKUs Only</i>
TX Drop ceiling clips for 15/16" slot Ceiling	SQBL 1.6" Square & Black 4.5" Square & Black (Designed for power cable)	C12BL 12 ft black power cord + 12ft aircraft cable	LYJ Lit "Y" Joiner*	YJ "Y" Joiner	OCC-ADT Up/Down, Dimming and Tunable White OCC-ADT-A01 * OCC-ADT-A02 * OCC-ADT-A03 * OCC-ADT-A04 * OCC-ADT-K01 * OCC-ADT-K02	BABA Build America, Buy America* <i>*Selected SKUs Only</i>
			LVJ Lit "V" Joiner*	VJ "V" Joiner	OCC-ADTL Up/Down, Dimming Tunable White Up/Down, Lighting Distribution Adjustable OCC-ADTL-K01 * <i>*Special order</i>	



Canopy Kits



Junction Box



Power Cord Kits

4 FT Standard (12FT Available)



Aircraft Cable Kits

5FT Standard (12FT Available)



T-grid Clips

For 9/16" and 15/16"
Flat Ceiling (2 Clips/Set)



T-grid Clips

For 9/16" Slot Ceiling
(2 Clips/Set)



T-grid Clips

For 15/16" Slot Ceiling
(2 Clips/Set)



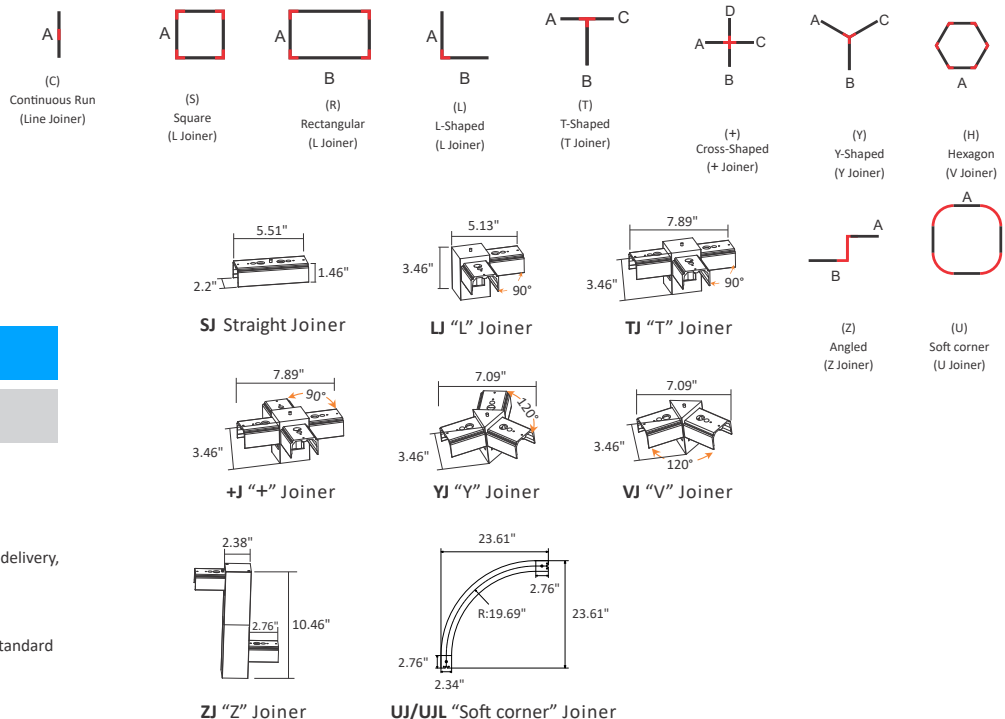
Project Name/Type:		Date
Catalog/Part #:		

SQUARE, RECTANGULAR, L, T, X, Y, HEXAGON & CUSTOM DESIGN FOR PENDANT MOUNT

ORDERING INFORMATION / EXAMPLE: JADIL-23-C18-WH-DF-D10-DW-RDWH-C05WH

Shape / Length* (Enter Length in FT)	Finish	Down Lens	0-10V Dim	Ceiling Type	Canopy	Power Cord & Aircraft Cable	Control Options
JADIL-23-C_ Individual 6ft/ up to 8ft Continuous Run Section (Enter length in product code above, ex. C18)	WH White	DF Diffuser	D10 110-277VAC Dims to 10% <i>Tested Dimmers:</i> * Lutron Diva-Divty * Leviton IP-710-DL	DW Dry ceiling Mount to J-box	RDWH 1.6" Round & White 4.5" Round & White (Designed for power cable)	C05WH 4 ft white power cord + 5ft aircraft cable	Blank No Controller/Sensor
JADIL-23-S_ Square Configuration (Enter side length A, ex: S18)	BK Black	LV Louver	D01 110-277VAC Dim to 1%	TF Drop ceiling clips for 9/16" and 15/16" flat ceiling	SQWH 1.6" Square & White 4.5" Square & White (Designed for power cable)	C12WH 12 ft white power cord + 12ft aircraft cable	SR-NLC-XX Silvaire Fixture Controller/ Sensor
JADIL-23-R_/_/_ Rectangular Configuration (Enter side lengths A and B, ex. R12/24)	CM Custom*	MR Micro Reflector		TS Drop ceiling clips for 9/16" slot Ceiling	RDBL 1.6" Round & Black 4.5" Round & Black (Designed for power cable)	C05BL 4 ft black power cord + 5ft aircraft cable	CB-NLC-XX Casambi Fixture Controller/ Sensor
JADIL-23-L_/_/_ L-Shaped Configuration (Enter side lengths A and B, ex. L12/24)	<i>*Special order</i>	RL Regressed Lens (White Shade)		TX Drop ceiling clips for 15/16" slot Ceiling	C12BL 12 ft black power cord + 12ft aircraft cable	C12BL 12 ft black power cord + 12ft aircraft cable	BN-NLC-XX BubblyNet Fixture Controller/ Sensor
JADIL-23-T_/_/_/_ T-Shaped Configuration (Enter side lengths A,B and C, ex. T02/02/04)		WW Wall Wash Diffuser (30° Tilt)			SQBL 1.6" Square & Black 4.5" Square & Black (Designed for power cable)		BMWO Sensor Function (Built-In Occupancy sensor in Ø5.8" round canopy)
JADIL-23+_/_/_/_/_ Cross-Shaped Configuration (Enter side lengths A, B,C and D, ex. +02/02/02/02)							
JADIL-23-Y_/_/_/_/_ Y-Shaped Configuration (Enter side lengths A,B and C, ex. Y04/04/04)							
JADIL-23-H_ Hexagon-Shaped Configuration (Enter side lengths A, ex. H4)							
JADIL-23-Z_/_/_ Angled Configuration to connect another line on a different plane (Enter side lengths A and B, ex. Z04/04)							
JADIL-23-U_/_/_ Soft corners (Silicone rolling lens required for lit soft corners) (Enter side lengths A and B, ex. A04/04)							

SHAPES PATTERNS AND JOINERS



Other Options

Blank
Not BAA/BABA

EMI-8W
Emergency Function
(Built-in 8W LED emergency driver and indicator before delivery, only for 4ft and 8ft lengths.)

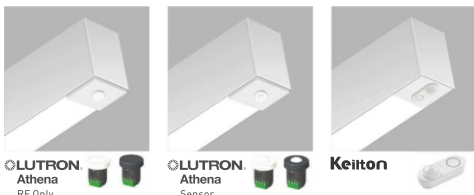
EM16/EM25
Emergency Function
(Only external 16w or 25w LED emergency driver with standard indicator available and need field-installed.)

BAA
Buy American Act*
**Selected SKUs Only*

BABA
Build America, Buy America*
**Selected SKUs Only*



INTEGRAL SENSOR OPTIONS (DIFFUSER ONLY)



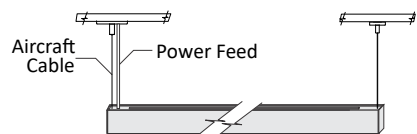
Lighting Distribution	Function	Sensor Options		
100% Down	Dimming Only	LUTRON Athena Controller Control	 ☐ OCC-DDM-A01 ☐ OCC-DDM-A02 ☐ OCC-DDM-A03 ☐ OCC-DDM-A04	A-WN-D01-RF-WH Athena wireless node (RF only) (White) A-WN-D01-RF-BL Athena wireless node (RF only) (Black) A-WN-D01-OCC-WH Athena wireless node with sensor (White) A-WN-D01-OCC-BL Athena wireless node with sensor (Black)
		 ☐ OCC-DDM-K01 ☐ OCC-DDM-K02	IFS06R.B1 (Remote Control) Fixture Built-in Low Bay Sensor IFS108.B2 [App]  Integrated Oval 12V Panel Sensor, 0-10V, Daylight Harvesting,PIR, 5.0 BLE	
100% Down	Dimming and Tunable White (3000K~4000K)	LUTRON Athena Controller Control D4I Driver	 ☐ OCC-DDT-A01 ☐ OCC-DDT-A02 ☐ OCC-DDT-A03 ☐ OCC-DDT-A04	A-WN-D01-RF-WH Athena wireless node (RF only) (White) A-WN-D01-RF-BL Athena wireless node (RF only) (Black) A-WN-D01-OCC-WH Athena wireless node with sensor (White) A-WN-D01-OCC-BL Athena wireless node with sensor (Black)
		 ☐ OCC-DDT-K01	IFS108.B1 (App)  Integrated Oval 12V Panel Sensor, Dual 0-10V, Daylight Harvesting,PIR, 5.0 BLE	
Up/Down	Dimming Only	LUTRON Athena Controller Control	 ☐ OCC-ADM-A01 ☐ OCC-ADM-A02 ☐ OCC-ADM-A03 ☐ OCC-ADM-A04	A-WN-D01-RF-WH Athena wireless node (RF only) (White) A-WN-D01-RF-BL Athena wireless node (RF only) (Black) A-WN-D01-OCC-WH Athena wireless node with sensor (White) A-WN-D01-OCC-BL Athena wireless node with sensor (Black)
		 ☐ OCC-ADM-K01 ☐ OCC-ADM-K02	IFS06R.B1 (Remote Control) Fixture Built-in Low Bay Sensor IFS108.B2 [App]  Integrated Oval 12V Panel Sensor, 0-10V, Daylight Harvesting,PIR, 5.0 BLE	
Up/Down 40%up/60%down Only (Other Lighting Distributions make to order)	Dimming and Tunable White (3000K~4000K)	LUTRON Athena Controller Control D4I Driver	 ☐ OCC-ADT-A01 ☐ OCC-ADT-A02 ☐ OCC-ADT-A03 ☐ OCC-ADT-A04	A-WN-D01-RF-WH Athena wireless node (RF only) (White) A-WN-D01-RF-BL Athena wireless node (RF only) (Black) A-WN-D01-OCC-WH Athena wireless node with sensor (White) A-WN-D01-OCC-BL Athena wireless node with sensor (Black)
		 ☐ OCC-ADT-K01	IFS108.B1 (App)  Integrated Oval 12V Panel Sensor, Dual 0-10V, Daylight Harvesting,PIR, 5.0 BLE	
Up/Down	Dimming Tunable White (2700K~5000K) Up/Down Lighting Distribution Adjustable (0%~100%)		☐ OCC-ADTL-K01	IFS108E.A0 [App]  Integrated Oval 12V Eco Panel Sensor
			☐ SR-NLC-XX ☐ BN-NLC-XX ☐ CB-NLC-XX ☐ BMWO	Silvair Fixture Controller/ Sensor Casambi Fixture Controller/ Sensor BubblyNet Fixture Controller/ Sensor Sensor Function (Built-in Occupancy sensor in Ø5.8" round canopy)

For more info or spec sheet please contact sales.

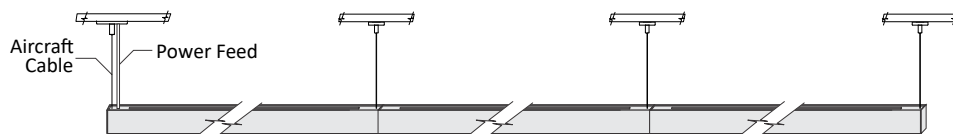


SINGLE RUN, CONTINUOUS RUN

Single Run



Continuous Run



Single or continuous run, up to 40ft in 120VAC, 100ft in 277VAC

STANDARD LINE RUNS IN 120V

Luminaire Run Length (ft)	Run Configuration	Line Joiner(s) Quantity	5' Power Cable	5' Aircraft Cable	Canopies
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

Note: 4.5" canopy is designed for power cable



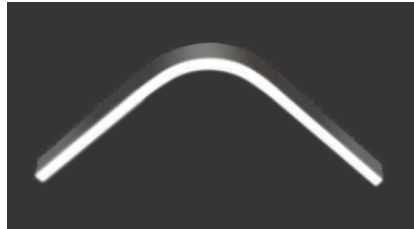
CUSTOM PATTERN WITH JOINERS

Straights & Mitered Corners



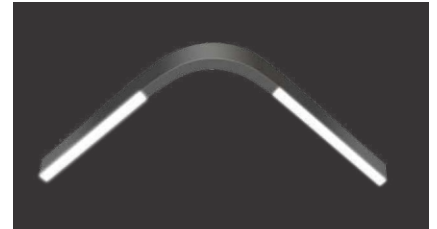
90° L Angle

Soft Corners Lit

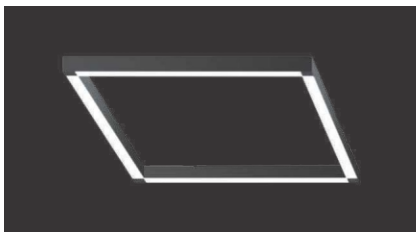


90° Soft Angle-Lit

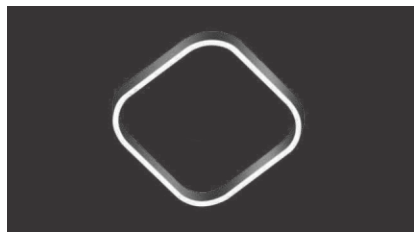
Soft Corners Non-Lit



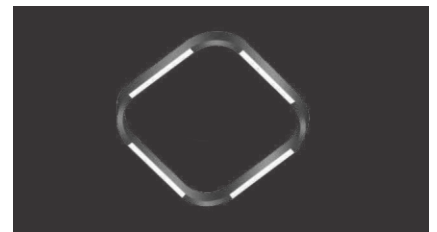
90° Soft Angle



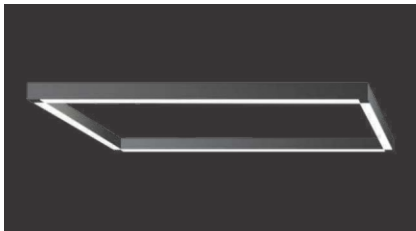
Square



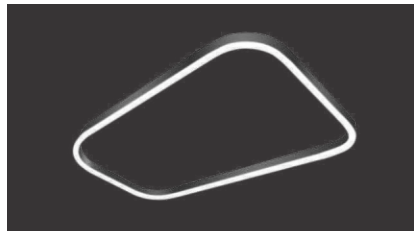
Soft Square-Lit



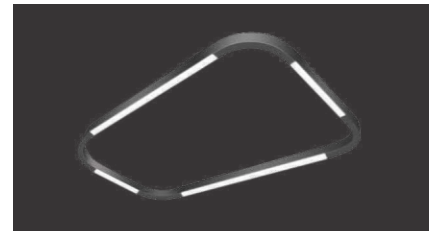
Soft Square



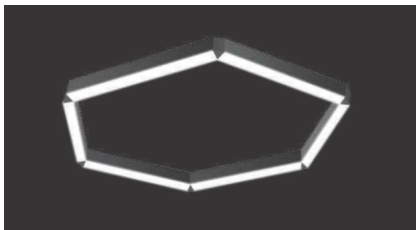
Rectangle



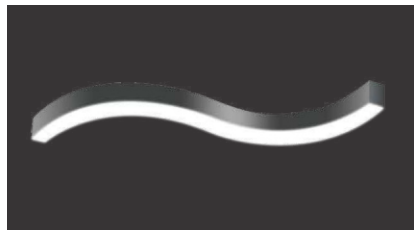
Soft Rectangle-Lit



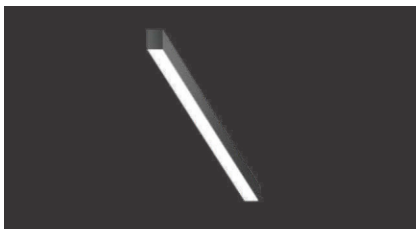
Soft Rectangle



Hexagon



90° Double Squiggle

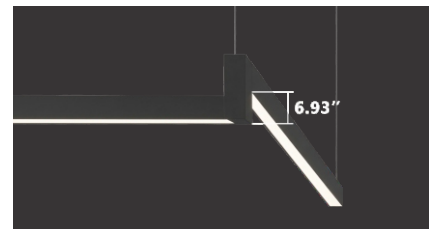


Straight



Circle-Lit

Z corner / Dropdown

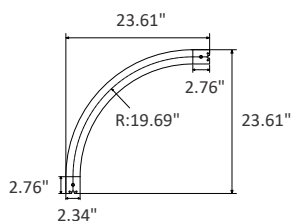


360° Bridge Bracket System

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



SOFT CORNERS: LIT / NON-LIT



Note: Both Lit and Non-lit Soft corners dimensions are identical

FEATURES

- 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.

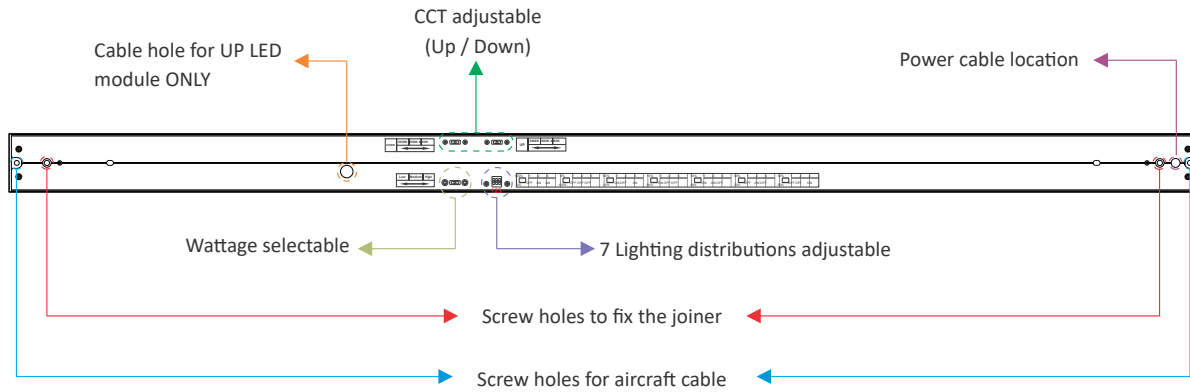
LUMEN PERFORMANCE AND ELECTRICAL DATA

Model Numbers	JADIL-23-CPS											
Size	2FT			3FT			4FT			8FT		
CCT	Selectable: 3000K / 3500K / 4000K											
Lens	Diffuser											
Wattage Selectable	20W	15W	10W	30W	23W	15W	40W	30W	20W	80W	60W	40W
Lumen Output @4000K, 50% Up/50% Down	Up to 2400 lm			Up to 3600 lm			Up to 4800 lm			Up to 9600 lm		
Lumen Output @4000K, 100% Down	Up to 2100 lm			Up to 3150 lm			Up to 4200 lm			Up to 8400 lm		
Efficacy @4000K, 50% Up/50% Down	1200lm/ft											
Efficacy @4000K, 100% Down	1050lm/ft											
Lens	Louver											
Wattage Selectable	20W	15W	10W	30W	23W	15W	40W	30W	20W	80W	60W	40W
Lumen Output @4000K, 50% Up/50% Down	Up to 1900 lm			Up to 2850 lm			Up to 3800 lm			Up to 7600 lm		
Lumen Output @4000K, 100% Down	Up to 1300 lm			Up to 1950 lm			Up to 2600 lm			Up to 5200 lm		
Efficacy @4000K, 50% Up/50% Down	950lm/ft											
Efficacy @4000K, 100% Down	650lm/ft											
Lens	Regressed Lens											
Wattage Selectable	20W	15W	10W	30W	23W	15W	40W	30W	20W	80W	60W	40W
Lumen Output @4000K, 50% Up/50% Down	Up to 2200 lm			Up to 3300 lm			Up to 4400 lm			Up to 8800 lm		
Lumen Output @4000K, 100% Down	Up to 1800 lm			Up to 2700 lm			Up to 3600 lm			Up to 7200 lm		
Efficacy @4000K, 50% Up/50% Down	1100lm/ft											
Efficacy @4000K, 100% Down	900lm/ft											
Lens	Micro Reflector											
Wattage Selectable	20W	15W	10W	30W	23W	15W	40W	30W	20W	80W	60W	40W
Lumen Output @4000K, 50% Up/50% Down	Up to 2300 lm			Up to 3450 lm			Up to 4600 lm			Up to 9200 lm		
Lumen Output @4000K, 100% Down	Up to 1800 lm			Up to 2700 lm			Up to 3600 lm			Up to 7200 lm		
Efficacy @4000K, 50% Up/50% Down	1150lm/ft											
Efficacy @4000K, 100% Down	900lm/ft											

Note: Lumens are subject to maximum wattage, 4000K with white finish only.
All efficacy is $\pm 5\%$ base on different CCT and lighting distributions.

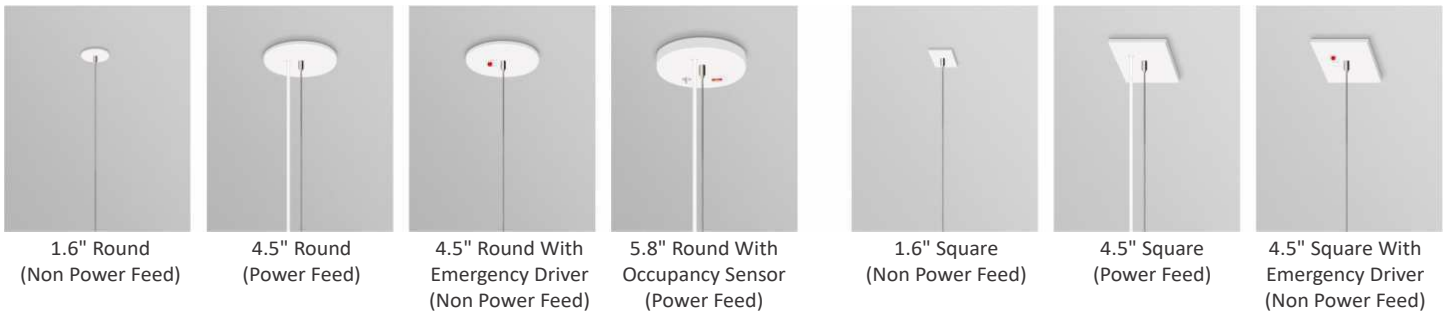


FIELD ADJUSTABLE SETTINGS & TECHNICAL LAYOUT



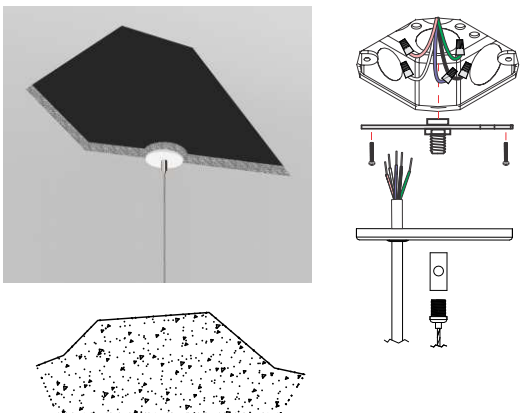
PENDANT CANOPY STYLES

All canopies are available in White and Black colors



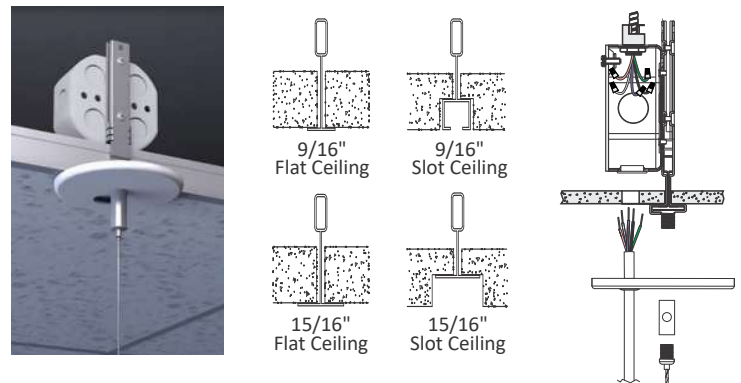
DRY CEILING / OFF GRID

J-Box Mounting: Drywall / Hard Surfaces



DROP CEILING / ON GRID

Universal T-Grid Suspension. Grid Compatibility: 9/16" & 15/16" Systems



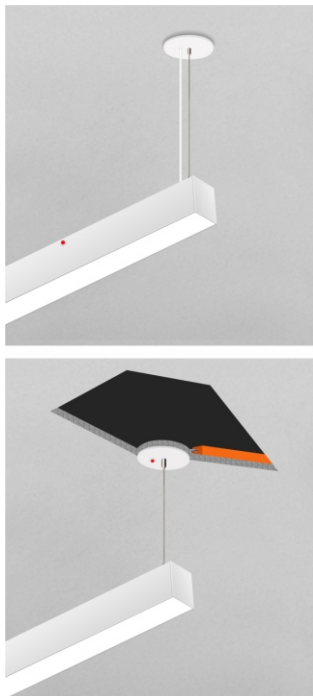
For additional information, please refer to the product Installation Instructions.



OPTIONAL FUNCTIONS

EMERGENCY OPTIONS

Jademar Lighting provides LED emergency drivers designed for factory or field installation. Upon loss of AC power, the driver instantly transitions to emergency mode, maintaining illumination for at least 90 minutes. Once power is restored, the unit automatically reverts to charging mode to meet critical life-safety standards.



EM

Built-in LED emergency driver (Only for Direct/Indirect product)

Jademar Lighting 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.

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

EM8/EM25

Order Separated LED emergency driver

Optional 8W and 25W high-voltage LED emergency drivers are available for field installation. For additional information or detailed specification sheets, please visit our website or contact our sales team.



Code-Required Testing Protocol

- **Initial Post-Installation Test:** Three seconds after the driver is installed and powered, it conducts a brief functional test to verify proper wiring and battery output. If a fault or error is detected, the LED indicator will turn off or flash.
- **120-Minute Verification Test:** A second diagnostic test is performed 120 minutes after installation.
Gen 3 Upgrade: If this second test fails, the unit will automatically retry the test every 120 minutes, up to four times.
- **Monthly Maintenance Test:** To ensure ongoing compliance, the system automatically performs a 3-second self-test every 30 days to re-verify wiring and battery health. Any detected failures will result in the LED indicator turning off or flashing.

BMW OCCUPANCY SENSOR



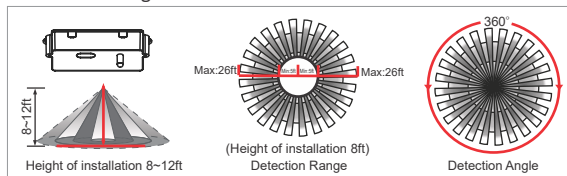
BMW

Available with a factory-installed integrated sensor system utilizing the BMW microwave sensor. This system provides advanced multi-level control through precise motion detection and daylight harvesting capabilities.

For additional information or detailed specification sheets, please contact our sales team.

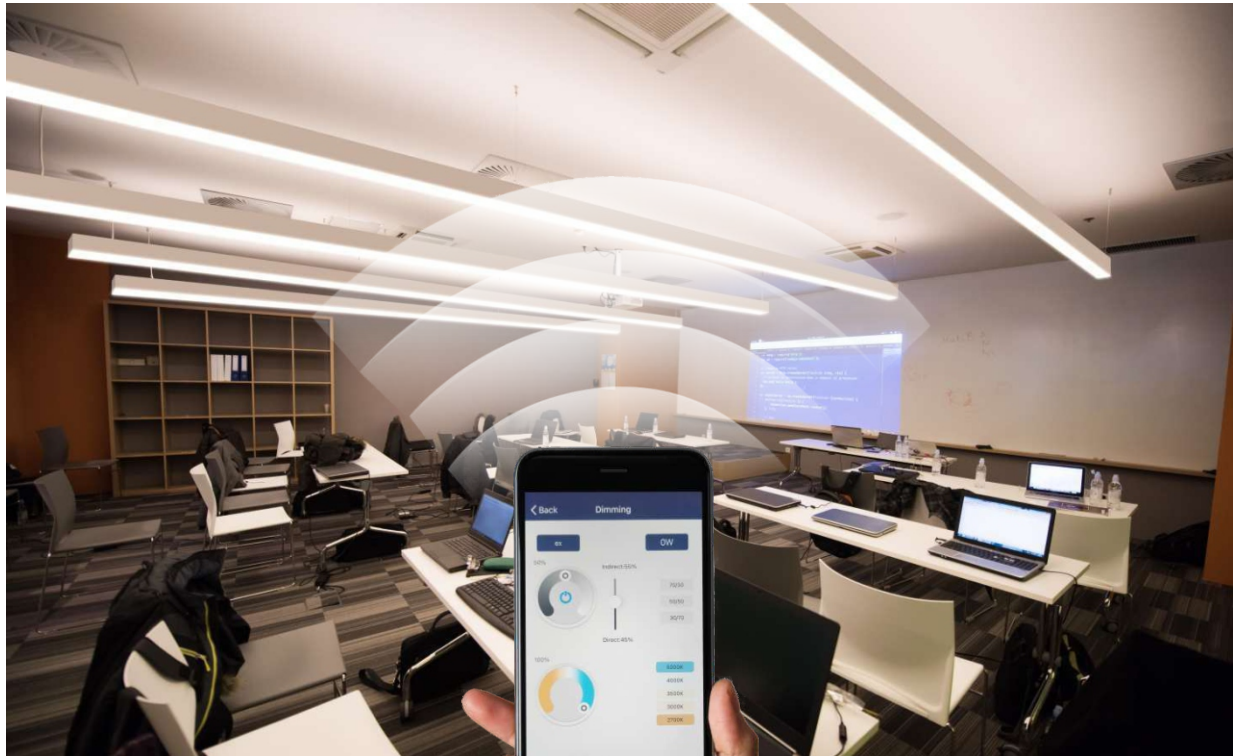
Power Supply	120/277 VAC 50/60Hz
Maximum load @ 40°F to +158°F (-40°C to +70°C)	Resistive/ Tungsten - 600W @ 120V Electronic Ballast(LED) - 800VA @ 120V /1200VA @ 277V
HF System	5.8GHz CW
Dim Control Output	0-10V, max .25mA sinking current
Detection Radius / angle	Max 26ft.(8m) /360
Mounting Height	Max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

Sensor Coverage



OPTIONAL FUNCTIONS

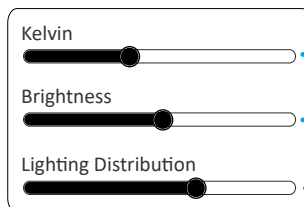
LIGHTING CONTROL OPTIONS



Smart Control

CASAMBI
BubblyNet.
SILVAIR

SMART CONTROL BY APP OR WALL SWITCH



Tunable White 2700K-5000K

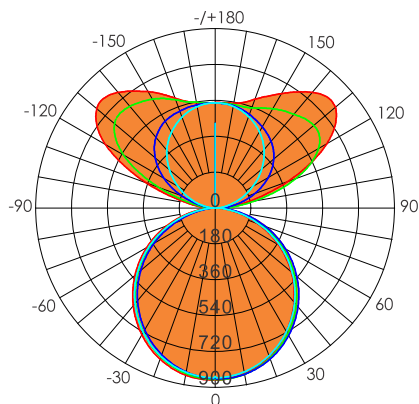
Brightness Control Dim to OFF

Lighting Distribution Direct And Indirect
0%~100%



PHOTOMETRY

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				

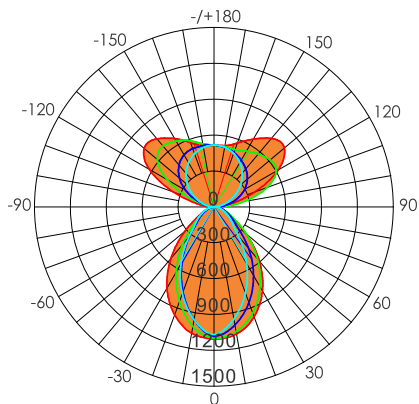
Zonal Lumens

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	

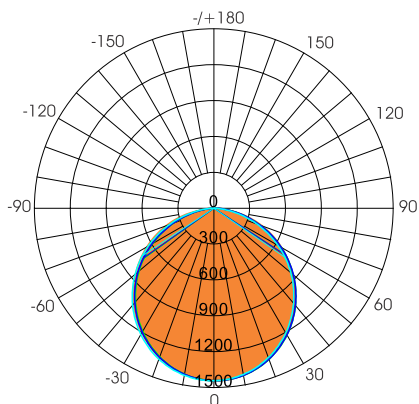
Luminance cd/(m2)

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



PHOTOMETRY

4' / Diffuser / 100% Down / 4000K



AVERAGE BEAM ANGLE(50%): 111.3°

Lumens: 4069.1 Lm
Watts: 40 W
LPW: 104.21Lm/W
CCT: 4000K

UNIT: cd
— C0/180, 110.8°
— C30/270, 111.1°
— C60/240, 111.6°
— C90/270, 111.7°

Zonal Flux Diagram

τ	C0	C45	C90	C135	C180
10	1418	1421	1412	1398	1411
20	1340	1346	1331	1303	1327
30	1215	1225	1204	1164	1195
40	1049	1064	1038	988.4	1026
50	852.4	870.0	840.6	783.6	826.6
60	629.7	649.8	617.5	555.5	603.1
70	391.9	412.3	377.6	316.3	365.5
80	162.5	178.2	145.8	98.44	139.5
90	2.417	8.146	0.2768	0.4688	0.9405
100	0.5822	0.5917	0.6472	0.7610	0.6802
110	1.012	1.048	1.172	1.246	1.138
120	1.530	1.577	1.753	1.778	1.633
130	2.021	2.104	2.307	2.298	2.124
140	2.524	2.612	2.799	2.780	2.595
150	2.936	3.052	3.178	3.148	3.016
160	3.376	3.422	3.497	3.478	3.442
170	3.769	3.686	3.712	3.724	3.816
180	3.894	3.751	3.759	3.755	3.904
DEG	LUMINOUS INTENSITY:cd				

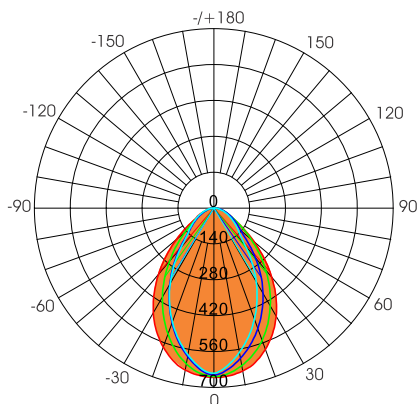
Zonal Lumens

τ	φ total
0-10	136.4
10-20	526.2
20-30	1115
30-40	1822
40-50	2553
50-60	3211
60-70	3708
70-80	3986
80-90	4058
90-100	4059
100-110	4060
110-120	4061
120-130	4063
130-140	4064
140-150	4066
150-160	4068
160-170	4069
170-180	4069
UNIT: lm	

Luminance cd/(m2)

G(DEG)	C0/180	C90/270
85	10884	8777
80	13119	11617
75	14803	13683
70	16064	15274
65	16980	16310
60	17655	17084
55	18170	17649
50	18591	18090
45	18924	18435

4' / Louver / 100% Down / 4000K



AVERAGE BEAM ANGLE(50%): 71.1°

Lumens: 2851.01 Lm
Watts: 40 W
LPW: 72.74 Lm/W
CCT: 4000K

UNIT: cd
— C0/180, 81.8°
— C30/270, 74.5°
— C60/240, 66.0°
— C90/270, 62.1°

Zonal Flux Diagram

τ	C0	C45	C90	C135	C180
10	645.7	610.0	572.8	575.5	641.7
20	587.1	526.2	462.3	462.7	577.7
30	486.9	413.4	331.5	334.2	473.3
40	351.7	286.0	191.4	205.6	336.2
50	205.1	164.5	118.0	108.3	190.8
60	90.14	93.22	76.60	62.48	83.96
70	48.20	54.13	44.63	31.41	45.20
80	18.14	24.87	19.03	7.752	16.38
90	0.0943	2.294	0.0883	0.0823	0.0696
100	0.0964	0.1004	0.0997	0.1329	0.1092
110	0.1738	0.1566	0.1725	0.2238	0.1899
120	0.3161	0.2657	0.2690	0.3677	0.3403
130	0.5296	0.4396	0.4225	0.5662	0.5586
140	0.7842	0.6746	0.6471	0.8129	0.8181
150	1.061	0.9656	0.9161	1.073	1.087
160	1.341	1.250	1.209	1.318	1.338
170	1.532	1.462	1.427	1.492	1.541
180	1.601	1.541	1.498	1.507	1.609
DEG	LUMINOUS INTENSITY:cd				

Zonal Lumens

τ	φ total
0-10	59.69
10-20	217.7
20-30	427.4
30-40	632.8
40-50	788.8
50-60	891.2
60-70	954.3
70-80	987.8
80-90	997.0
90-100	997.3
100-110	997.4
110-120	997.7
120-130	998.0
130-140	998.4
140-150	999.0
150-160	999.5
160-170	999.9
170-180	1000
UNIT: lm	

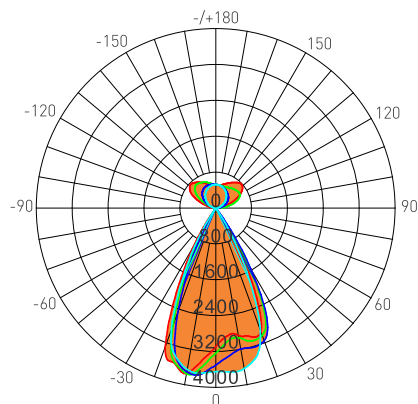
Luminance cd/(m2)

G(DEG)	C0/180	C90/270
85	3109	3709
80	4137	4340
75	4858	4760
70	5581	5167
65	6368	5591
60	7139	6066
55	9642	6635
50	12635	7267
45	15571	7976



PHOTOMETRY

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



AVERAGE BEAM ANGLE[50%]: 51.1°

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				

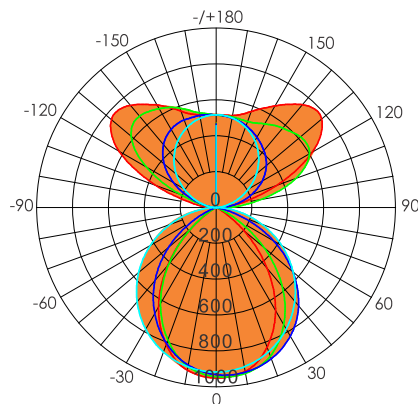
Zonal Lumens

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' / Regressed Lens / 50% Up, 50% Down / 4000K



AVERAGE BEAM ANGLE[50%]: 360.0°

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	

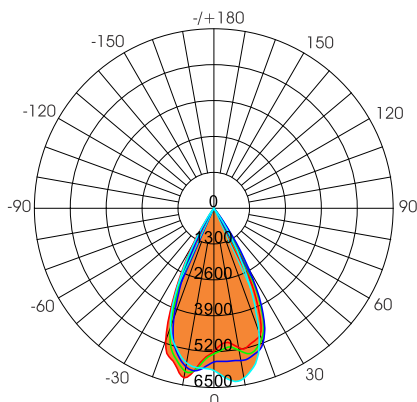
Luminance cd/(m2)

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



PHOTOMETRY

4' / Micro Reflector / 100% Down / 4000K



Lumens: 3840.82 Lm
Watts: 40 W
LPW: 99.09 Lm/W
CCT: 4000K

UNIT: cd
— C0/180, 51.9°
— C30/270, 52.6°
— C60/240, 52.5°
— C90/270, 49.7°

AVERAGE BEAM ANGLE(50%): 51.7°

Zonal Flux Diagram

T	C0	C45	C90	C135	C180
10	5120	5391	6262	6029	6239
20	4896	5241	4784	3135	5119
30	1657	2590	1455	264.5	1580
40	9.002	56.68	19.20	2.505	4.747
50	1.409	2.120	1.266	1.071	1.356
60	0.4646	0.7645	0.3787	0.3856	0.3831
70	0.3384	0.3652	0.3562	0.2976	0.2838
80	0.2346	0.3111	0.3337	0.2684	0.1577
90	0.1624	0.2953	0.2734	0.1060	0.0992
100	0.1218	0.1060	0.0812	0.1330	0.1264
110	0.1353	0.1128	0.1082	0.1330	0.1264
120	0.1443	0.1466	0.1443	0.1961	0.1578
130	0.2927	0.2661	0.4698	0.9288	0.3029
140	1.738	1.413	2.014	3.406	1.947
150	5.366	4.428	5.017	6.687	5.339
160	9.258	7.999	8.278	10.02	8.626
170	12.95	11.55	11.38	12.86	12.68
180	14.54	13.72	12.85	12.94	14.57
DEG	LUMINOUS INTENSITY:cd				

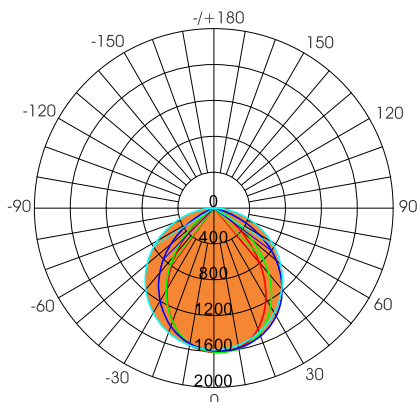
Zonal Lumens

T	φ total
0-10	540.7
10-20	2029
20-30	3479
30-40	3822
40-50	3828
50-60	3829
60-70	3829
70-80	3830
80-90	3830
90-100	3830
100-110	3830
110-120	3830
120-130	3831
130-140	3831
140-150	3834
150-160	3837
160-170	3840
170-180	3841
UNIT: lm	

Luminance cd/(m2)

G(DEG)	C0/180	C90/270
85	31	47
80	19	27
75	15	19
70	14	14
65	13	12
60	13	11
55	18	15
50	30	27
45	43	52

4' / Regressed Lens / 100% Down / 4000K



Lumens: 3185.10 Lm
Watts: 40 W
LPW: 81.30 Lm/W
CCT: 4000K

UNIT: cd
— C0/180, 75.9°
— C30/270, 81.3°
— C60/240, 98.3°
— C90/270, 115.4°

AVERAGE BEAM ANGLE(50%): 92.7°

Zonal Flux Diagram

T	C0	C45	C90	C135	C180
10	1583	1593	1552	1494	1546
20	1434	1513	1475	1304	1347
30	1163	1339	1349	1044	1044
40	790.0	1073	1178	714.1	652.8
50	382.2	734.4	972.0	357.8	253.6
60	60.93	354.3	733.4	66.49	9.481
70	3.607	50.38	472.8	3.429	1.964
80	1.129	3.391	209.4	1.111	0.5673
90	0.2172	0.8545	0.4901	0.1488	0.1127
100	0.1263	0.1488	0.6813	0.2888	0.1309
110	0.1532	0.3044	1.232	0.7484	0.2482
120	0.4461	0.7326	1.867	1.429	0.6274
130	1.000	1.326	2.485	2.185	1.259
140	1.740	2.047	2.990	2.888	2.048
150	2.579	2.800	3.400	3.436	2.864
160	3.454	3.432	3.725	3.853	3.604
170	4.080	3.887	3.937	4.115	4.176
180	4.329	4.088	3.973	4.031	4.324
DEG	LUMINOUS INTENSITY:cd				

Zonal Lumens

T	φ total
0-10	150.3
10-20	574.1
20-30	1189
30-40	1871
40-50	2474
50-60	2884
60-70	3092
70-80	3165
80-90	3176
90-100	3176
100-110	3177
110-120	3178
120-130	3179
130-140	3180
140-150	3182
150-160	3184
160-170	3185
170-180	3185
UNIT: lm	

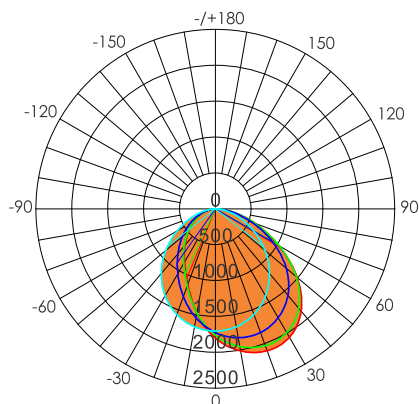
Luminance cd/(m2)

G(DEG)	C0/180	C90/270
85	91	14627
80	90	16749
75	110	18232
70	146	19198
65	212	19878
60	1692	20373
55	4751	20732
50	8259	21002
45	11457	21208



PHOTOMETRY

4' / Diffuser Wall Wash / 4000K



AVERAGE BEAM ANGLE(50%): 91.4°

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				

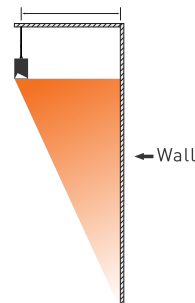
Zonal Lumens

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

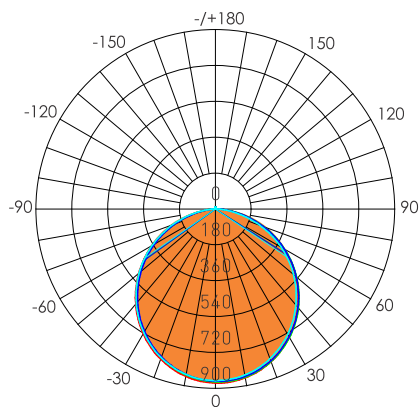
Luminance cd/(m2)

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



Soft Corners / 4000K



AVERAGE BEAM ANGLE(50%): 111.7°

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



This image shows a full page of blank graph paper. The grid consists of small, equal-sized squares formed by thin black lines. There are no margins, text, or other markings on the page.