

JADIL-23-CPS SERIES

RECESSED MOUNT ARCHITECTURAL CCT & POWER SELECTABLE LINEAR SERIES



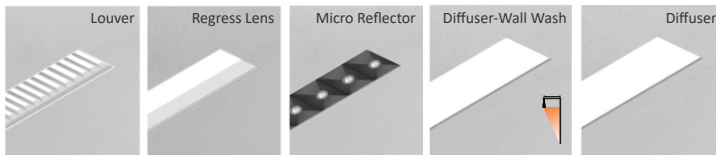
FEATURES

- 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)

Recessed Mount

- Custom pattern with optional Line, L (Lit), W joiners
- 1 lighting distribution type: Direct (100%)

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

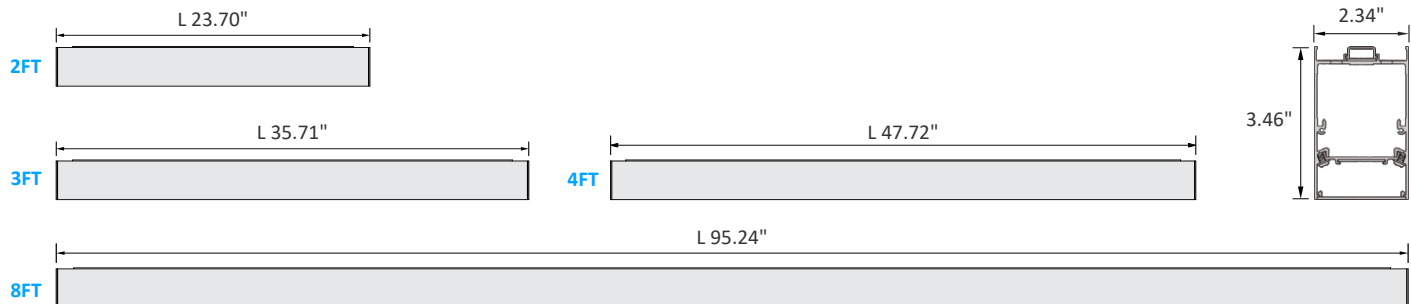
CRI Options: 90+ CRI Standard

Input Voltage: CC 120-277VAC Internal driver

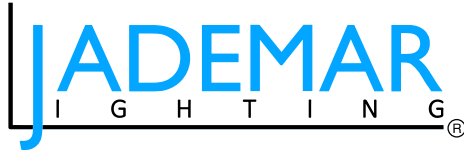
Ambient Temp.: -20°C to 40°C (-4°F to 104°F)

Warranty: 10 Years Limited

CROSS SECTION & PROFILE LENGTHS



SPECIFICATION SUBMITTAL DETAIL



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-D-D01-SM-SR-NLC-FC

JADIL-23-CPS							D			
Product Series	Length	Wattage	CCT	CRI	Finish	Down Lens	Light Distribution	Dimming	Mounting	Control Options
JADIL-23-CPS	CPS2 2 Feet Bold CPS3 3 Feet Bold CPS4 4 Feet Bold CPS8 8 Feet Bold* *Special order XX Custom* *Special order	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* *Special order XXW Pls Select the Factory Set value	Blank CCT adjustable 3000K/3500K/ 4000K XXX Pls Select the Factory Set value	90 90+ CRI (Standard)	WH White (Standard) BK Black CC Custom* *Special order	DF Diffuser  LV Louver  MR Micro Reflector* *Special order  RL Regressed Lens (White Shade)  WW Wall Wash Diffuser (30° Tilt) 	D 100% down light	D10 100-277VAC Dim to 10% (Standard) Tested Dimmers: * Lutron Diva-DvTv, * Leviton IP-710-DL D01 100-277VAC Dims to 1%	RT Trim RT1: Mount by flanged trim and bracket in Dry ceiling. RT2: Mount by flanged trim and pendant stem in Dry ceiling. RT3: Mount by flanged trim to lay on T-grid ceiling/Drop ceiling. RS Trimless Mount by trimless flanged kit and need plastering in Dry ceiling. RH	Blank No Controller/Sensor SR-NLC-XX Silvair 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.

OPTIONAL RECESSED MOUNT ACCESSORIES

Joiners	Optional Sensor (See page 4)	Optional Pre-assembled Configuration (Diffuser Only)	Other Options
SJ Straight Line Joiner (Optional 40° rolling lens) LJ "L" Lit Corner Joiner White L Lit Joiner WJ Ceiling to Wall Joiner 	OCC-DDM 100% Down, Dimming Only OCC-DDM-A01 OCC-DDM-A02 OCC-DDM-A03 OCC-DDM-A04 OCC-DDM-K01 OCC-DDM-K02 OCC-DDT 100% Down, Dimming and Tunable White OCC-DDT-A01 *Special order OCC-DDT-A02 *Special order OCC-DDT-A03 *Special order OCC-DDT-A04 *Special order OCC-DDT-K01 *Special order	1T 1FT + Telescoping Section* <i>*Special order</i> Adjust from 13" ~ 25" 2T 2FT + Telescoping Section Adjust from 24 1/2" ~ 36 1/2" 3T 3FT + Telescoping Section Adjust from 36 1/2" ~ 48 1/2"	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* <i>*Selected SKUs Only</i> BABA Build America, Buy America* <i>*Selected SKUs Only</i>

TJ
"T" Lit Corner Joiner*
**Special order*

+J
"+ " Lit corner joiner*
**Special order*

YJ
"Y" Lit Corner Joiner*
**Special order*

VJ
"V" Lit Corner Joiner*
**Special order*



Quotations: quotes@jademar.com
To place an order: orders@jademar.com
Tel: (305) 640.0465 | Fax: (305) 640.0468
WWW.JADEMAR.COM



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Project Name/Type:		Date
Catalog/Part #:		

SQUARE, RECTANGULAR, L, T, X, Y, HEXAGON & CUSTOM DESIGN FOR RECESSED MOUNT ORDERING INFORMATION / EXAMPLE: JADIL-23-R-C-18-WH-DF-D10-RT1

SHAPE/LENGTH (CHOOSE 1 & ENTER LENGTH IN FEET)	Finish	Down Lens	Dimming	Mounting	Control Options
JADIL-23-R-C ___ Continuous Run Section (Enter length in product code above, ex. C18) JADIL-23-R-S ___ Lit Square Configuration (Enter length A, ex. S18) JADIL-23-R-L ___ /___ Lit Rectangular Configuration (Enter side lengths A and B, ex. R12/24) JADIL-23-R-L ___ /___ Lit L-Shaped Configuration (Enter side lengths A and B, ex. L12/24) JADIL-23-R-T ___ /___ /___ Lit T-Shaped Configuration (Enter side lengths A, B and C ex. T04/06/08) - <i>Special order</i> JADIL-23-R-X ___ /___ /___ /___ Lit Cross-Shaped Configuration (Enter side lengths A, B,C and D, ex. X02/02/02/02) - <i>Special order</i> JADIL-23-R-Y ___ /___ /___ Lit Y-Shaped Configuration (Enter side lengths A,B and C, ex. Y04/04/04) - <i>Special order</i> JADIL-23-R-H ___ Lit Hexagon-Shaped Configuration (Enter side lengths A, ex. H04) - <i>Special order</i> JADIL-23-R-W ___ /___ Ceiling to Wall Configuration (Enter side lengths A and B, ex. W12/24)	WH White BK Black CC Custom* <i>*Special order</i>	DF Diffuser LV Louver MR Micro Reflector* <i>*Special order</i> RL Regressed Lens (White Shade) WW Wall Wash Diffuser (30° Tilt)	D01 100-277VAC Dims to 1% D10 100-277VAC Dim to 10% <i>Tested Dimmers:</i> * Lutron Diva-Dvty * Leviton IP-710-DL	RT Trim RT1: Mount by flanged trim and bracket in Dry ceiling. RT2: Mount by flanged trim and pendant stem in Dry ceiling. RT3: Mount by flanged trim to lay on T-grid ceiling/Drop ceiling. RS Trimless Mount by trimless flanged kit and need plastering in Dry ceiling. RH Trimless Mount by T-grid hooks to secure in T-grid ceiling / Drop ceiling.	Blank No Controller/Sensor SR-NLC-XX Silvair Fixture Controller / Sensor CB-NLC-XX Casambi Fixture Controller / Sensor BN-NLC-XX BublyNet Fixture Controller / Sensor BMWO Sensor Function (Built-In Occupancy sensor in Ø5.8" round canopy)

LUMEN PERFORMANCE AND ELECTRICAL DATA

Model Numbers	JADIL-23-CPS											
Size	2FT			3FT			4FT			8FT		
Light Distribution	Direct Light (100% Down)											
CCT	Selectable: 3000K / 3500K / 4000K											
Lens	Diffuser											
Wattage Selectable	20W	15W	10W	30W	23W	15W	40W	30W	20W	80W	60W	40W
Lumen Output	Up to 2100 lm			Up to 3150 lm			Up to 4200 lm			Up to 8400 lm		
Average Efficacy (lm/ft)	1050 lm/ft											
Lens	Louver											
Wattage Selectable	20W	15W	10W	30W	23W	15W	40W	30W	20W	80W	60W	40W
Lumen Output	Up to 1300 lm			Up to 1950 lm			Up to 2600 lm			Up to 5200 lm		
Average Efficacy (lm/ft)	650 lm/ft											
Lens	Regress Lens											
Wattage Selectable	20W	15W	10W	30W	23W	15W	40W	30W	20W	80W	60W	40W
Lumen Output	Up to 1800 lm			Up to 2700 lm			Up to 3600 lm			Up to 7200 lm		
Average Efficacy (lm/ft)	900 lm/ft											
Lens	Micro Reflector											
Wattage Selectable	20W	15W	10W	30W	23W	15W	40W	30W	20W	80W	60W	40W
Lumen Output	Up to 1800 lm			Up to 2700 lm			Up to 3600 lm			Up to 7200 lm		
Average Efficacy (lm/ft)	900 lm/ft											

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



INTEGRAL SENSOR OPTIONS (DIFFUSER ONLY)



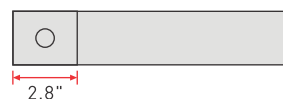
LUTRON
Athena
RF Only



LUTRON
Athena
Sensor



Keilton

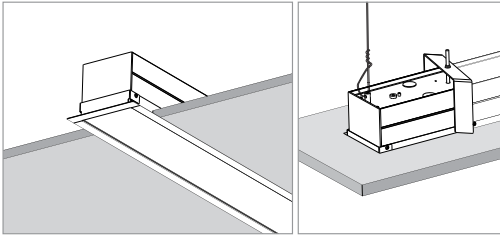


Lighting Distribution	Function	Sensor Options		
100% Down	Dimming Only	 LUTRON Athena Controller Control	 ☐ OCC-DDM-A01	A-WN-D01-RF-WH Athena wireless node (RF only) (White)
			 ☐ OCC-DDM-A02	A-WN-D01-RF-BL Athena wireless node (RF only) (Black)
			 ☐ OCC-DDM-A03	A-WN-D01-OCC-WH Athena wireless node with sensor (White)
			 ☐ OCC-DDM-A04	A-WN-D01-OCC-BL Athena wireless node with sensor (Black)
		 Keilton	☐ OCC-DDM-K01	IFS06R.B1 [Remote Control] Fixture Built-in Low Bay Sensor
			☐ OCC-DDM-K02	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 <i>*Special order</i>	A-WN-D01-RF-WH Athena wireless node (RF only) (White)
			 ☐ OCC-DDT-A02 <i>*Special order</i>	A-WN-D01-RF-BL Athena wireless node (RF only) (Black)
			 ☐ OCC-DDT-A03 <i>*Special order</i>	A-WN-D01-OCC-BL Athena wireless node with sensor (Black)
			 ☐ OCC-DDT-A04 <i>*Special order</i>	
		 Keilton	☐ OCC-DDT-K01 <i>*Special order</i>	IFS108.B1 [App]  Integrated Oval 12V Panel Sensor; Dual 0-10V, Daylight Harvesting,PIR, 5.0 BLE
			☐ SR-NLC-XX	Silair Fixture Controller/ Sensor
			☐ BN-NLC-XX	Casambi Fixture Controller/ Sensor
			☐ CB-NLC-XX	BubbyNet Fixture Controller/ Sensor
			☐ BMWQ	Sensor Function (Built-in Occupancy sensor in Ø5.8" round canopy)



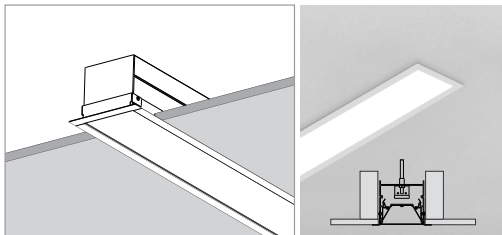
MOUNTING

TRIM RECESSED MOUNTING OPTIONS



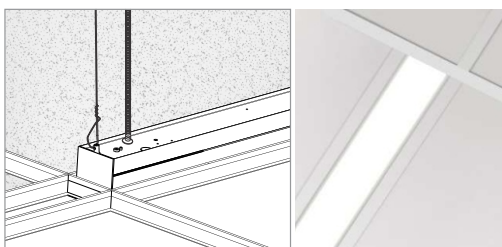
RT1: Mount by flanged trim and bracket in Dry ceiling

Mounting Kits



RT2: Mount by flanged trim and pendant stem in Dry ceiling

Mounting Kits



RT3: Mount by flanged trim to lay on T-grid ceiling/Drop ceiling

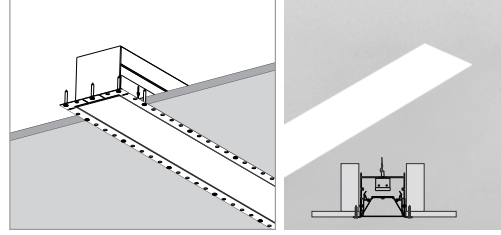
1/4"-20 nut (Supplied by others) 1/4"-20 Threaded rod to structure



Mounting Kits

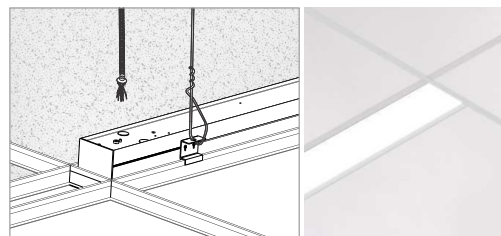


TRIMLESS RECESSED MOUNTING OPTIONS

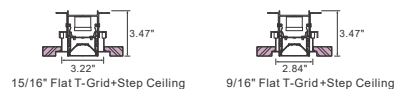
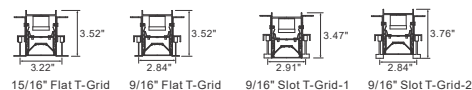


RS: Mount by trimless flanged kit and need plastering in Dry ceiling

Mounting Kits



RH: Mount by T-grid hooks to secure in T-grid ceiling / Drop ceiling



Mounting Kits



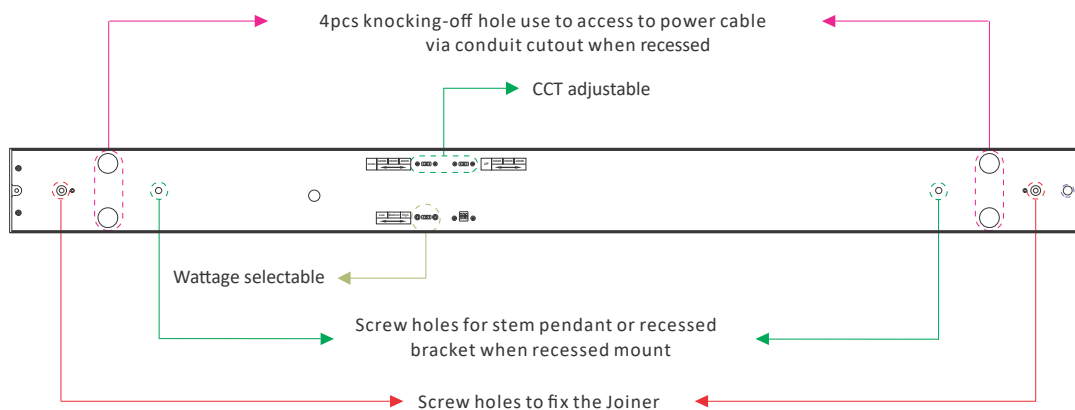
ATTENTION: Continuous Run Alignment

For seamless continuous runs in T-grid ceilings, a gap may occur between the fixture end-cap and the T-bar.

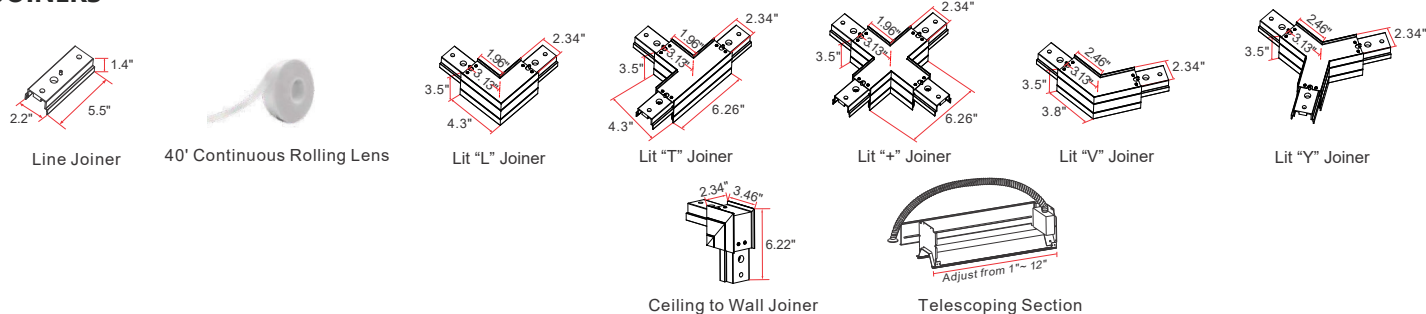
This gap must be field-filled with gypsum wallboard (GWB) for a finished appearance.



FIELD ADJUSTABLE SETTINGS & TECHNICAL LAYOUT



JOINERS



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.



OPTIONAL FUNCTIONS

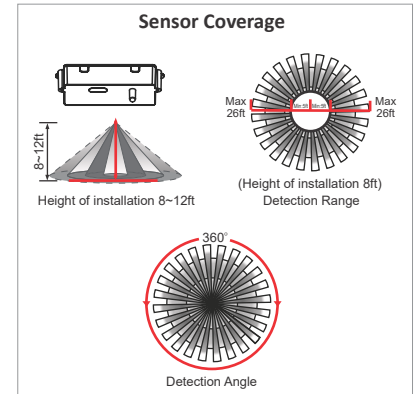
BMWO OCCUPANCY SENSOR



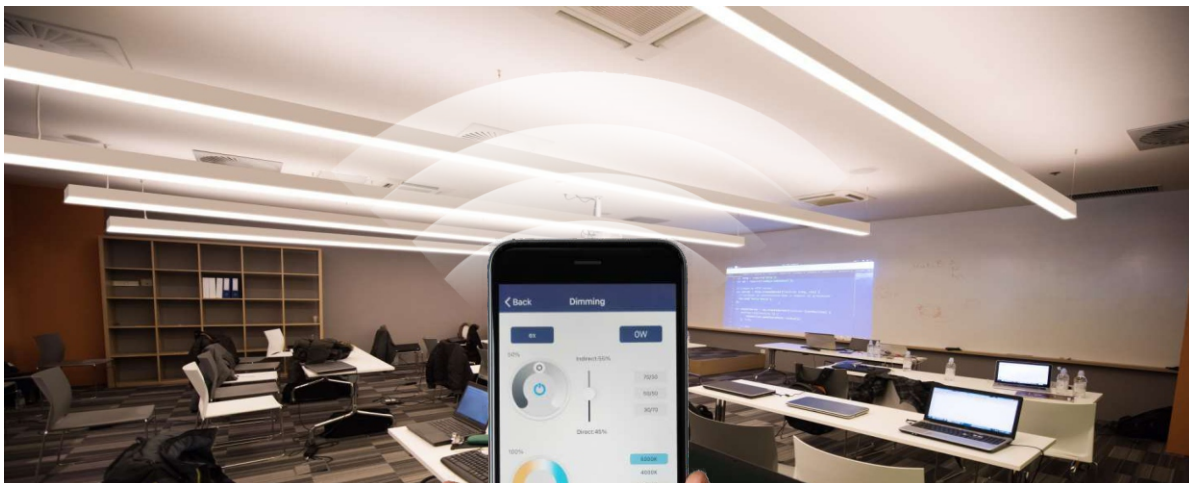
Available with a factory-installed integrated sensor system utilizing the BMWO microwave sensor. This system provides advanced multi-level control through precise motion detection and daylight harvesting capabilities.

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)



LIGHTING CONTROL OPTIONS



SMART CONTROL
BY APP OR WALL SWITCH

CASAMBI
BubbllyNet.
SILVAIR

Kelvin

Brightness

Lighting Distribution

Tunable White 2700K-5000K

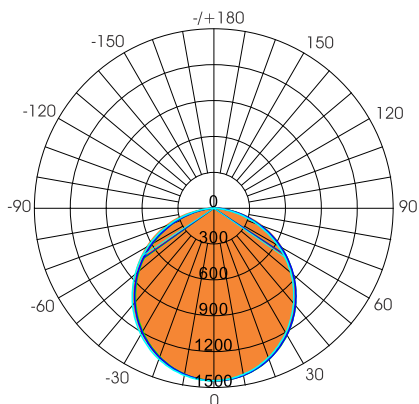
Brightness Control Dim to OFF

Lighting Distribution Direct And Indirect 0%~100%



PHOTOMETRY

4' / Diffuser / 100% Down / 4000K



AVERAGE BEAM ANGLE(50%): 111.3°

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

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

Zonal Flux Diagram

T	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				

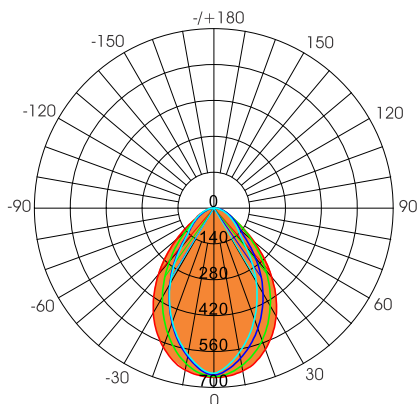
Zonal Lumens

T	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

T	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

T	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

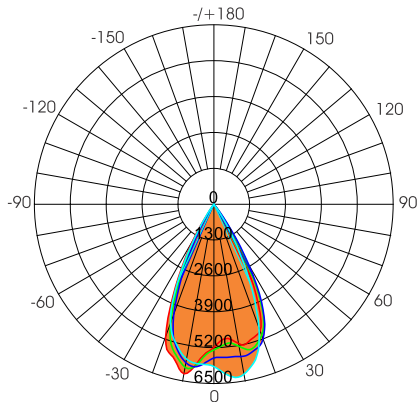
Luminance cd/(m2)

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 / 100% Down / 4000K



AVERAGE BEAM ANGLE(50%): 51.7°

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°

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				

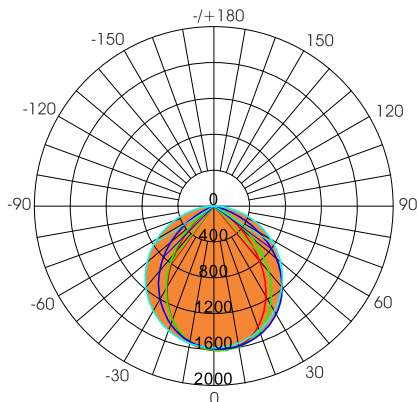
Zonal Lumens

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



AVERAGE BEAM ANGLE(50%): 92.7°

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°

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	

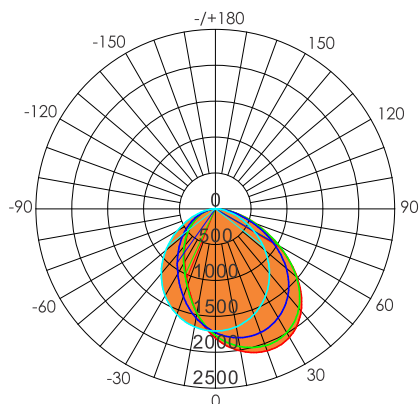
Luminance cd/(m2)

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				

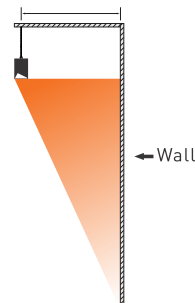
Zonal Lumens

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

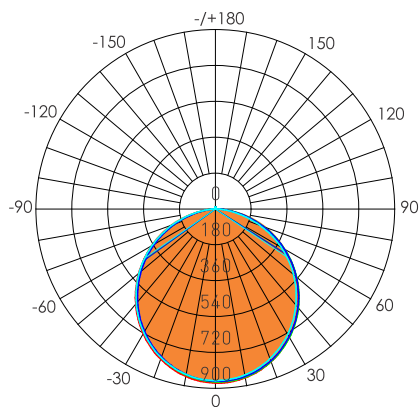
Luminance cd/(m2)

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, dark gray lines. There are no margins, text, or other markings on the page.