

ZETA 3.8" - Pendant

Spec-grade | Architectural LED Linear Lighting

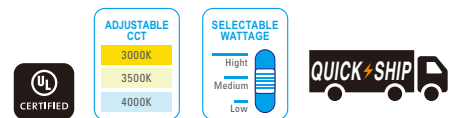
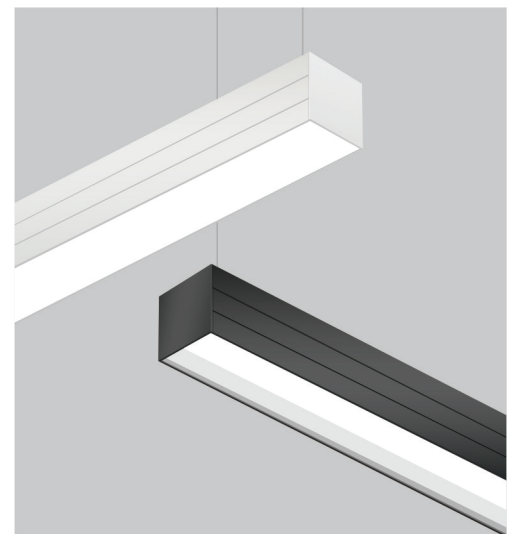


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OKT ZETA 3.8" suspended linear lighting is an integrated lighting solution that compliments the ceiling and entire space while providing comfortable general illumination. These linear luminaires are available in 2ft, 3ft, 4ft and 8ft, simply provide wide, powerful lighting to any atmosphere with seamless continuous runs or any pattern with illuminated corner. Featured with 3 mounting options in ONE housing, ZETA 3.8" offers numerous linear lighting options that complement our award-winning architectural lighting platform, while providing a consistent aesthetic.

Feature

- Three mounting options in ONE housing - 2', 3', 4' and 8' length options
- Seamless continuous runs or custom patterns with illuminated corner
- 7 Direct/Indirect lighting distributing options
- CCT & wattage adjustable, up to 1200lm/ft
- Flat lens and deep regressed lens options
- Easy maintenance



PERFORMANCE

Optics	Length	UP/DOWN @3500K (Base on 50%Up/50%Down)			100%DOWN@3500K		
		High	Medium	Low	High	Medium	Low
Flat Lens	2',3',4',8'	1200lm/ft, 10w/ft	900lm/ft, 7.5w/ft	600lm/ft, 5w/ft	1100lm/ft, 10w/ft	800lm/ft, 7.5w/ft	550lm/ft, 5w/ft
Regressed Lens	2',3',4',8'	1000lm/ft, 10w/ft	750lm/ft, 7.5w/ft	500lm/ft, 5w/ft	900lm/ft, 10w/ft	670lm/ft, 7.5w/ft	450lm/ft, 5w/ft

Above are subject to 3500K. All efficacy is ±5% base on different CCT or lighting distributions. Check the IES file to gain the accurate data.

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PRODUCT PERFORMANCE

► Optics

It offers flat lens and deep regressed lens to meet your different requires.

► Finish

- Extruded aluminum housing.
- Powder coat white and black finish or custom.

► Electrical

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® DVSTV, Leviton® IP-710.
THD	<20%
Power Factor	>0.9
Input Voltage	Standard electronic drivers are cULus recognized and available for 100-277V .

► Mounting

- Pendant-Dry ceiling or T-Grid ceiling compatible.
- Cable lengths of 5ft is standard, 12ft or others are available.
- Individual or continuous run, up to 40ft in 120V AC, 100ft in 277V AC.
- Custom Pattern with optional Line, L, T and X joiners.

► LED System

CRI	Minimum 80 color rendering index
CCT	CCT adjustable from 3000K, 3500K, 4000K with a great color consistency.
Environment	damp rated for ambient operating temperature of -20°C to +40°C (-4° to+104°F)

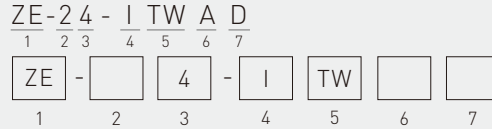
► Approvals

- cULus listed for damp locations
- 5 years limited warranty

PRODUCT ORDERING GUIDE

Default Settings : Maximum wattage, 4000K.

Sample



1. Base Model

ZE ZETA SERIES

2. Length

2 2 feet 3 3 feet 4 4 feet 8 8 feet

3. Width

4 3.8 inch

4. Driver

I Internal

5. CCT

TW CCT Adjustable (3000K, 3500K, 4000K)

6. Lighting Distribution

- A Following options available by 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
- D 100% Downlight

7. Optics Options

D Flat Lens T Regressed Lens

OPTIONAL ORDERING GUIDE

Dimming Options

0-10V, dim to 10% (Standard) 0-10v, dim to 1% (Optional)

Ceiling Type

- Dry Wall (Mount to J-box)
- Drop Ceiling Clips (Suitable for 9/16" and 15/16" Flat Ceiling)
- Drop Ceiling Clips (Suitable for 9/16" Slot Ceiling)
- Drop Ceiling Clips (Suitable for 15/16" Slot Ceiling) *

Power Cord Length And Aircraftcable

- 5 ft white power cord + 5ft aircraft cable
- 5 ft black power cord + 5ft aircraft cable
- 12 ft white power cord + 12ft aircraft cable
- 12 ft black power cord + 12ft aircraft cable

Canopy

Finish: White Black

Type: 1.6" Round 4.5" Round (Designed for power cable)

1.6" Square 4.5" Square (Designed for power cable)

5.8" Round With Occupancy Sensor (Power Feed)

Joiner

- Illuminated "L" Joiner "-" Joiner
- 42' Continuous rolling lens Illuminated "T" Joiner *
- Illuminated "X" Joiner *

Optional Functions

- Occupancy Sensor (Order Separated)
- Emergency Option
- Built-in LED Emergency Driver Order Separated LED Emergency Driver

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

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► Emergency Option

OKT Lighting 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.



Built-in LED emergency driver

OKT 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.

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.



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

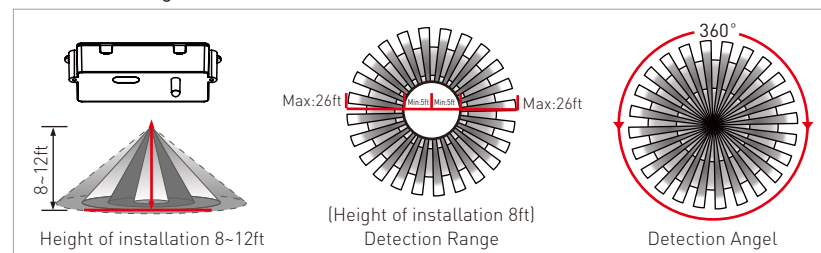


We can provide a factory-installed integrated sensor system for multi-level control based on motion and/or daylight contribution with BRI810-B-D level & daylight harvest microwave sensor from SHARKWARD. For more info or spec sheet, please contact sales.

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



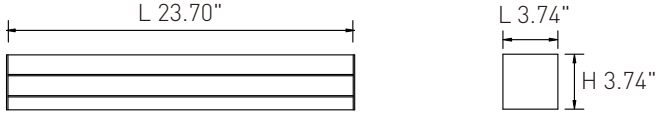
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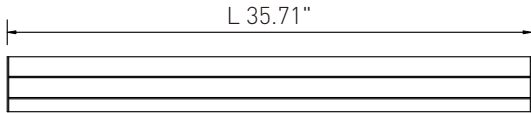


DIMENSIONS

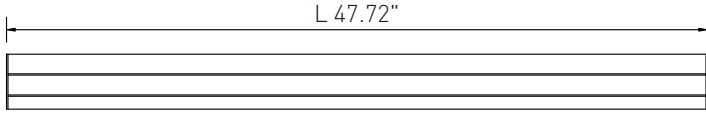
2FT



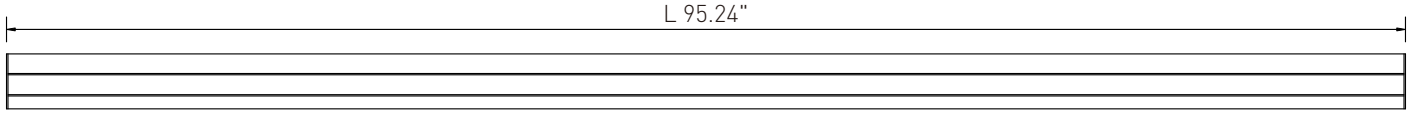
3FT



4FT



8FT



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MOUNTING

Canopy Style



1.6" Round
(Non Power Feed)



4.5" Round
(Power Feed)



4.5" Round With
Emergency Driver
(Non Power Feed)



5.8" Round With
Occupancy Sensor
(Power Feed)



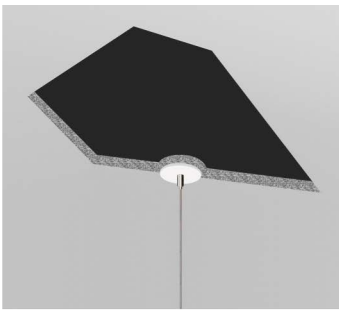
1.6" Square
(Non Power Feed)



4.5" Square
(Power Feed)

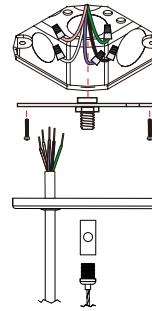
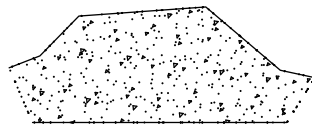


4.5" Square With
Emergency Driver
(Non Power Feed)



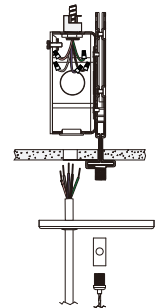
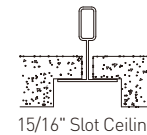
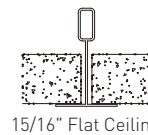
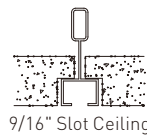
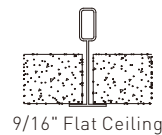
Dry Ceiling / Off Grid

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

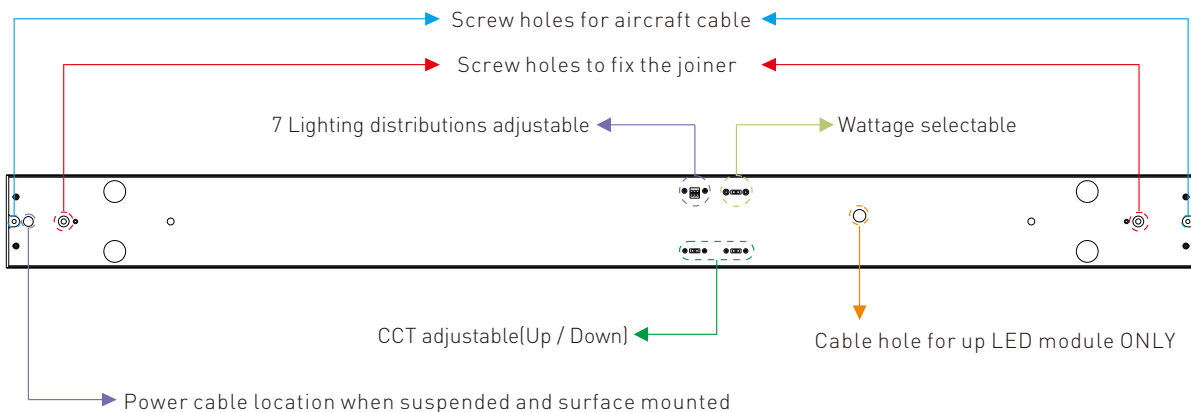


Drop Ceiling / On Grid

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.



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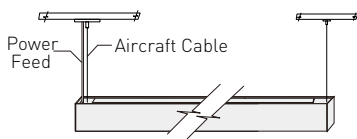


Standard Line Runs In 120V

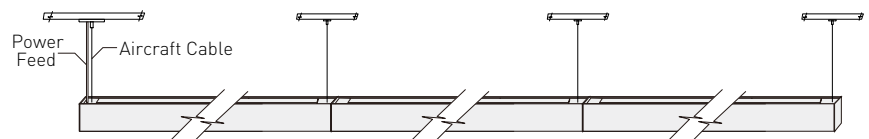
Luminaire Run Length (ft)	Run Configuration	Line Joiner	5' Power Cable	5' Aircraft Cable	Canopy
2	2'	-	1	2	2
4	4'	-	1	2	2
6	4'+2'	1	1	3	3
8	8'	-	1	2	2
10	8'+2'	1	1	3	3
12	8'+4'	1	1	3	3
14	8'+4'+2'	2	1	4	4
16	8'+8'	1	1	3	3
18	8'+8'+2'	2	1	4	4
20	8'+8'+4'	2	1	4	4
22	8'+8'+4'+2'	3	1	5	5
24	8'+8'+8'	2	1	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
42	8'+8'+8'+8'+8'+2'	5	2	7	7
44	8'+8'+8'+8'+8'+4'	5	2	7	7
46	8'+8'+8'+8'+8'+4'+2'	6	2	8	8
48	8'+8'+8'+8'+8'+8'	5	2	7	7

Note: 4.5" canopy is designed for power cable

Individual

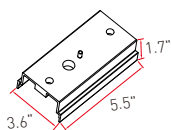


Continuous Run

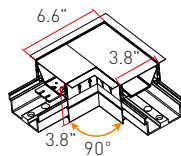


120VAC: Connections up to 40ft.
277VAC: Connections up to 100ft.

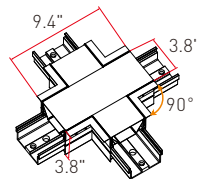
JOINER OPTIONS



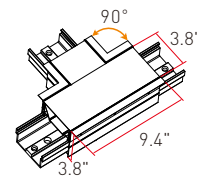
Line Joiner



Illuminated "L" Joiner



Illuminated "X" Joiner
[Pending]



Illuminated "T" Joiner
[Pending]



42' Continuous Rolling Lens

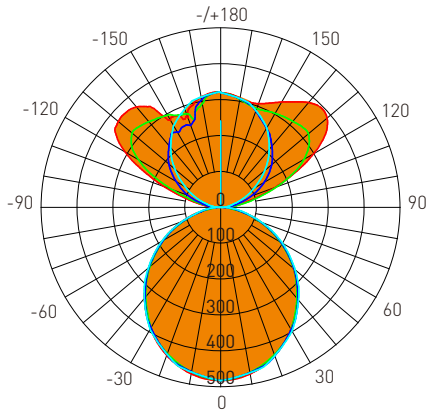
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DISTRIBUTION DIAGRAM

2' / Flat Lens / 3500K/
Up 50%, Down 50%



AVERAGE BEAM ANGLE(50%): 360.0°

Test Number: ZE-24-ITWAD
Lumens: 2397.2 Lms
Watts: 20.20 W
LPW: 118.66 Lm/W
CCT: 3500K

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

Zonal Flux Diagram

τ	C0	C45	C90	C135	C180
5	480.0	476.3	475.6	476.2	479.9
10	471.7	467.1	468.3	467.1	471.4
15	458.1	455.4	461.1	455.4	457.7
20	439.9	441.7	440.2	441.7	439.4
25	417.5	417.6	419.2	418.0	416.9
30	391.8	391.0	398.3	391.9	390.9
35	363.0	363.6	368.0	365.3	362.0
40	332.1	334.9	337.8	337.3	330.9
45	299.2	299.6	307.5	302.5	297.9
50	264.8	264.9	271.1	266.9	261.4
55	229.1	230.5	234.7	229.9	225.7
60	192.3	191.6	198.3	186.2	189.0
65	154.5	153.7	160.0	144.2	151.5
70	115.6	116.0	121.7	105.9	113.7
75	78.55	78.56	83.37	71.61	76.61
80	44.19	44.90	55.82	40.99	42.31
85	15.99	28.09	28.28	21.25	14.41
90	15.22	11.90	0.7287	2.242	12.51
95	35.04	33.20	12.77	23.78	37.18
100	60.69	54.28	24.80	45.12	64.58
105	99.67	93.03	36.84	82.14	106.0
110	158.5	132.5	60.57	120.4	165.6
115	227.6	168.8	84.29	158.5	234.9
120	299.8	200.0	108.0	193.0	306.6
125	356.5	225.4	134.4	221.7	357.3
130	387.1	241.2	160.9	239.8	372.3
135	393.9	254.1	187.3	254.6	373.5
140	381.2	265.5	210.7	267.3	365.7
145	359.2	269.4	234.1	271.3	343.0
150	339.3	273.3	257.4	274.3	281.6
155	320.4	279.9	272.5	279.5	283.2
160	307.7	289.3	287.6	288.6	266.4
165	304.0	297.1	302.7	296.4	296.3
170	309.1	306.7	308.3	306.0	312.3
175	317.2	314.2	313.8	314.1	320.0
180	319.4	319.4	319.4	319.4	322.4
DEG	LUMINOUS INTENSITY:cd				

Zonal Lumens

τ	φ total
0-5	11.45
5-10	45.19
10-15	99.93
15-20	173.6
20-25	263.1
25-30	365.1
30-35	476.2
35-40	592.0
40-45	708.9
45-50	822.9
50-55	929.9
55-60	1026
60-65	1109
65-70	1176
70-75	1225
75-80	1257
80-85	1275
85-90	1283
90-95	1293
95-100	1312
100-105	1344
105-110	1395
110-115	1465
115-120	1555
120-125	1657
125-130	1766
130-135	1874
135-140	1976
140-145	2069
145-150	2152
150-155	2224
155-160	2284
160-165	2332
165-170	2367
170-175	2390
175-180	2397
	UNIT: lm

Luminance cd/(m2)

G(DEG)	C0/180	C90/270
85	3219	5692
80	4464	5640
75	5324	5651
70	5931	6242
65	6413	6642
60	6746	6958
55	7009	7180
50	7227	7400
45	7422	7630

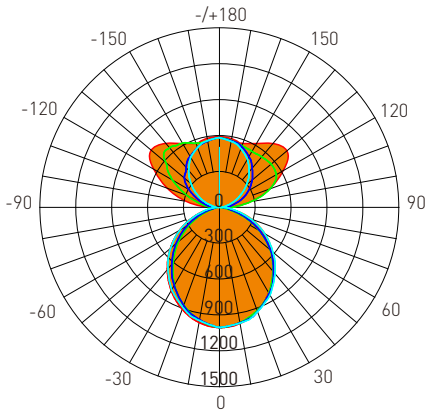
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DISTRIBUTION DIAGRAM

4' / Flat Lens / 3500K/
Up 50%, Down 50%



AVERAGE BEAM ANGLE(50%): 360.0°

Test Number: ZE-44-ITWAD
Lumens: 4849.1 Lms
Watts: 38.09 W
LPW: 127.32 Lm/W
CCT: 3500K

UNIT: cd
— C0/180, 360°
— C30/210, 360°
— C60/240, 360°
— C90/270, 1360°

Zonal Flux Diagram

τ	C0	C45	C90	C135	C180
5	1001	995.5	994.1	993.2	997.5
10	985.9	979.4	982.7	976.1	978.0
15	959.5	957.4	971.4	954.2	948.0
20	922.8	930.4	930.2	928.7	908.6
25	877.6	881.1	889.1	881.4	860.7
30	824.9	825.2	847.9	828.4	805.8
35	766.0	767.4	785.6	774.5	744.9
40	702.0	705.4	723.4	715.9	679.5
45	634.0	626.7	661.2	626.9	610.3
50	562.9	547.9	585.6	529.5	537.9
55	489.1	468.4	509.9	436.6	462.9
60	412.5	375.5	434.3	356.4	385.9
65	334.3	283.5	352.1	288.2	307.2
70	255.0	196.2	269.8	229.0	226.0
75	176.9	116.2	187.6	174.8	149.1
80	102.6	50.45	126.2	123.9	79.05
85	41.43	51.97	64.87	78.05	24.44
90	39.66	55.80	3.506	33.07	18.92
95	78.44	118.6	25.48	37.75	58.94
100	134.8	178.6	47.45	43.61	93.80
105	222.7	247.3	69.43	98.71	179.3
110	345.7	310.6	113.6	166.4	288.0
115	481.7	359.1	157.7	257.7	439.9
120	610.5	395.5	201.8	362.8	579.1
125	697.6	426.6	250.0	459.6	701.3
130	736.0	446.3	298.1	529.3	799.8
135	728.7	463.7	346.3	577.7	830.5
140	693.0	480.9	387.2	608.6	814.5
145	653.3	492.5	428.2	609.9	767.4
150	618.0	508.6	469.1	602.6	711.4
155	586.7	530.3	496.6	592.2	654.0
160	566.5	551.7	524.1	581.7	608.0
165	563.9	559.8	551.5	565.4	580.4
170	572.6	567.6	561.7	563.1	572.6
175	579.6	575.3	572.0	572.0	580.0
180	582.2	582.2	582.2	582.2	584.4
DEG	LUMINOUS INTENSITY:cd				

Zonal Lumens

τ	φ total
0-5	23.83
5-10	94.07
10-15	208.0
15-20	361.3
20-25	547.5
25-30	760.0
30-35	991.2
35-40	1233
40-45	1476
45-50	1712
50-55	1932
55-60	2129
60-65	2298
65-70	2434
70-75	2535
75-80	2603
80-85	2649
85-90	2678
90-95	2707
95-100	2752
100-105	2820
105-110	2918
110-115	3052
115-120	3217
120-125	3409
125-130	3617
130-135	3827
135-140	4028
140-145	4213
145-150	4378
150-155	4519
155-160	4636
160-165	4728
165-170	4794
170-175	4835
175-180	4849
	UNIT: lm

Luminance cd/(m2)

G(DEG)	C0/180	C90/270
85	4134	6472
80	5140	6321
75	5942	6302
70	6484	6860
65	6878	7244
60	7174	7554
55	7415	7731
50	7615	7921
45	7797	8131