

ZETA 1.3"-Pendant

Spec-grade | Architectural LED Linear Lighting



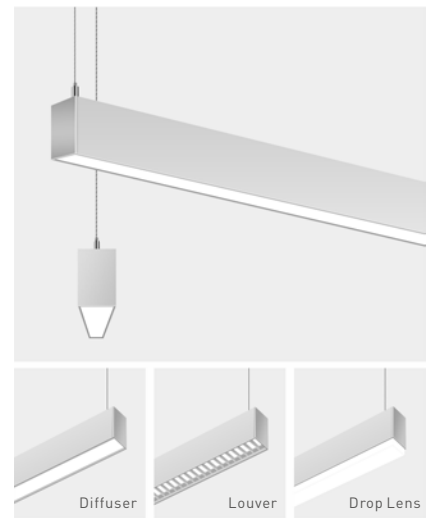
ILLUMINATING US



IUS ZETA series 1.3" linear pendant lighting is a unique linear series that brings any space to the center stage. These timeless, streamlined forms blend well with contemporary decors and modern workplaces. It can provide smooth uplight and downlight, allowing for wider spacing between fixtures and better ceiling light uniformity. Unleash lighting design flexibility with ZETA with different shapes and patterns, it adds fun factor into each room. These creations will let you suggest rhythm, communicate meaning and showcase element of life.

Feature

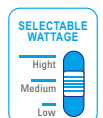
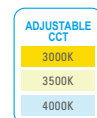
- 90+ CRI, 2ft, 3ft, 4ft and 8ft length option
- 2 lighting distributions by visible DIP switch
- CCT and wattage adjustable by visible DIP switch
- Available in diffuser, louver and drop lens
- Individual units or continuous runs
- Custom pattern with optional Line, L, X, T, Y, V joiners
- Dry ceiling or T-Grid ceiling compatible.
- Pendant, surface and wall mount
- cULus listed, Damp locations and 5 years limited warranty



PERFORMANCE

* Check the IES file to gain the accurate data.

Lens	Length	Wattage Selectable	25% UP/75%DOWN		100%DOWN		CCT Adjustable
			Efficacy	Lumen Output	Efficacy	Lumen Output	
Diffuser	2'	20W/15W/10W	850lm/ft	900~1700LM	800m/ft	800~1600LM	3000K/3500K/4000K
	3'	30W/23W/15W		1300~2600LM		1200~2400LM	
	4'	40W/30W/20W		1700~3400LM		1600~3200LM	
	8'	80W/60W/40W		3400~6800LM		3200~6400LM	
Louver	2'	20W/15W/10W	750lm/ft	750~1500LM	700lm/ft	700~1400LM	3000K/3500K/4000K
	3'	30W/23W/15W		1200~2300LM		1100~2100LM	
	4'	40W/30W/20W		1500~3000LM		1400~2800LM	
	8'	80W/60W/40W		3000~6000LM		2800~5600LM	
Drop Lens	2'	20W/15W/10W	1000lm/ft	1000~2000LM	950lm/ft	950~1900LM	3000K/3500K/4000K
	3'	30W/23W/15W		1500~3000LM		1500~2900LM	
	4'	40W/30W/20W		2000~4000LM		1900~3800LM	
	8'	80W/60W/40W		4000~8000LM		3800~7600LM	



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PRODUCT ORDERING GUIDE

Example: ZE4S-WH-40W-D10-90TW-A-DF (Pendant)

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

ZE					90	TW			(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.
ZE ZETA Linear	2S QuickShip 2 Feet Slim	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>	90 QuickShip 90+ CRI (Standard)	TW QuickShip CCT adjustable 3000K/3500K/ 4000K	A QuickShip 25%up/75% down and 100% down by visible Dip switch	DF QuickShip Diffuser	
	3S 3 Feet Slim*	BL QuickShip Black	30W 30W/23W/15W Selectable for 3ft	D01 110-277V AC Dim to 1%*			D 100% down	LV QuickShip Louver	
	4S QuickShip 4 Feet Slim	CM Custom *	40W QuickShip 40W/30W/20W Selectable for 4ft					DL QuickShip Drop Lens	
	8S QuickShip 8 Feet Slim		80W QuickShip 80W/60W/40W Selectable for 8ft						

Note: UL model number is upgrading. The model number stuck in the product may be different with the latest specsheet if you order from Houston warehouse in this half of year. They are both UL listed.

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)	EME QuickShip Emergency Function (Only external 8w or 25w LED emergency driver with standard indicator available and need field-installed.)
TF QuickShip Drop ceiling clips for 9/16" and 15/16" flat ceiling	SQWH QuickShip 1.6" Square & White 4.5" Square & White (Designed for power cable)	C12WH QuickShip 12 ft white power cord + 12ft aircraft cable	TJ QuickShip "T" Joiner	
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	XJ QuickShip "X" Joiner	
			YJ QuickShip "Y" Joiner	
			VJ QuickShip "V" Joiner *	

CUSTOM LINE OR SHAPE ORDERING GUIDE

Example: ZES-S08-WH-D10-DW-RDWH-C05WH

SHAPE/LENGTH* (CHOOSE 1 & ENTER LENGTH IN FEET)	Finish	0-10V Dim	Ceiling Type	Canopy	Power Cord & Aircraft Cable
ZES-C ___ Individual 6ft/ up to 8ft Continuous Run Section (Enter length in product code above, ex. C18)	WH QuickShip White	D10 QuickShip 110-277V AC Dims to 10%	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
ZES-S ___ Square Configuration (Enter side length A, ex: S18)	BL QuickShip Black	Tested Dimmers: Lutron® Diva-Dvtv, Leviton® IP-710-DL.	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
ZES-R ___/___ Rectangular Configuration (Enter side lengths A and B, ex. R12/24)	CM Custom *	D01 110-277V AC Dim to 1%*	TS QuickShip Drop ceiling clips for 9/16" slot Ceiling	SQBL QuickShip 1.6" Square & Black 4.5" Square & Black (Designed for power cable)	C05BL QuickShip 4 ft black power cord + 5ft aircraft cable
ZES-L ___/___ L-Shaped Configuration (Enter side lengths A and B, ex. L12/24)			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
ZES-X ___/___/___/___ Cross-Shaped Configuration (Enter side lengths A, B,C and D, ex. X02/02/02/02)					
ZES-Y ___/___/___ Y-Shaped Configuration (Enter side lengths A,B and C, ex. Y04/04/04)					
ZES-H ___ Hexagon-Shaped Configuration (Enter side lengths A, ex. H4)					

(C)
Continuous Run

(S)
Square

(R)
Rectangular

(L)
L-Shaped

(X)
Cross-Shaped

(Y)
Y-Shaped

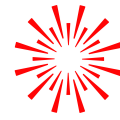
(H*)
Hexagon

* 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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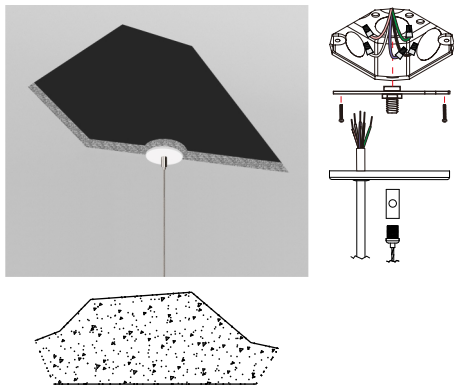
MOUNTING

Canopy Style



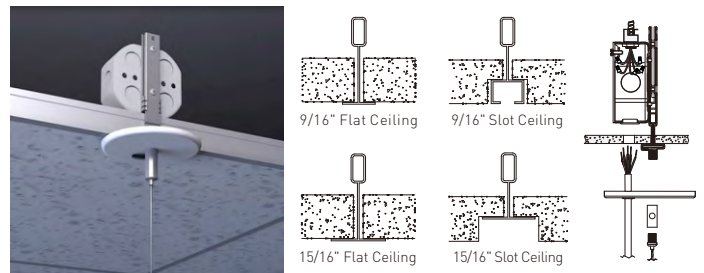
Dry Ceiling / Off Grid

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



Drop Ceiling / On Grid

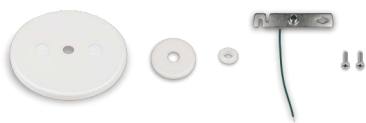
Suspending the luminaire in the T-grid. Compatible for various T-grid, including 9/16" Flat, 9/16" Slot, 15/16" Flat and 15/16" Slot.



*Please see the installation instruction for more details.

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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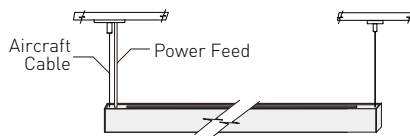


Standard Line Runs In 120v

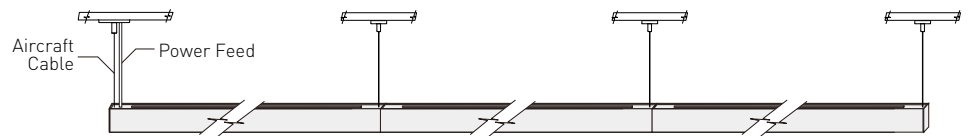
Luminaire Run Length (ft)	Run Configuration	Line Joiner	5' Power Cable	5' Aircraft Cable	Canopy
2	2'	-	1	2	2
4	4'	-	1	2	2
6	4'+2'	1	1	3	3
8	8'	-	1	2	2
10	8'+2'	1	1	3	3
12	8'+4'	1	1	3	3
14	8'+4'+2'	2	1	4	4
16	8'+8'	1	1	3	3
18	8'+8'+2'	2	1	4	4
20	8'+8'+4'	2	1	4	4
22	8'+8'+4'+2'	3	1	5	5
24	8'+8'+8'	2	1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

Note: 4.5" canopy is designed for power cable

Individual

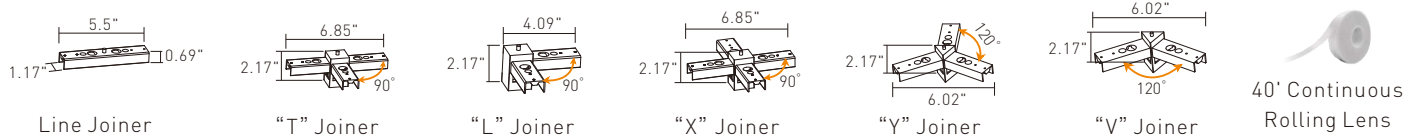


Continuous Run

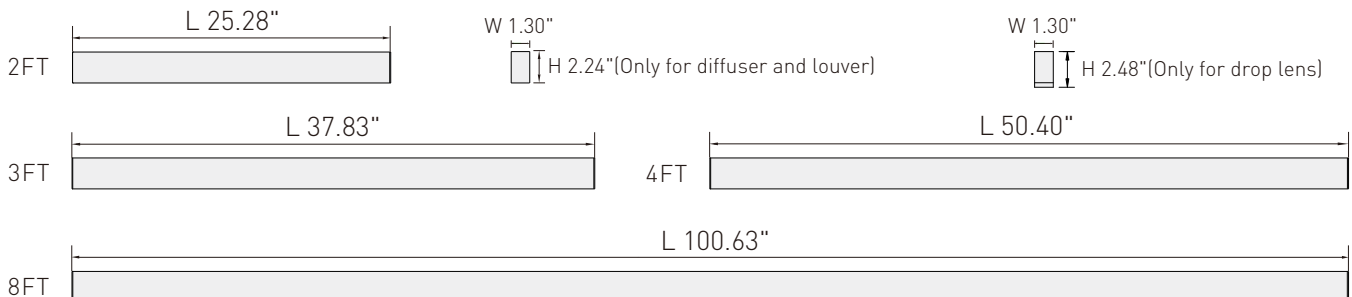


Individual or continuous run, up to 40ft in 120V AC, 100ft in 277V AC.

Custom Pattern With Joiners



DIMENSIONS



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OPTIONAL FUNCTION

► Emergency Option

IUS Lighting offers UL& CEC Listed LED emergency drivers. 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.



EME

Order Separated LED emergency driver to external

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.



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.

► Occupancy Sensor



OCC

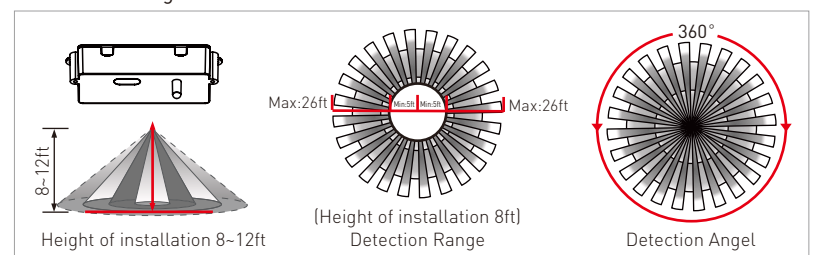
We can provide a factory-installed integrated sensor system for multi-level control based on motion and/or daylight contribution with BRI810-B-D level & daylight harvest microwave sensor from SHARKWARD. For more info or spec sheet, please contact sales.



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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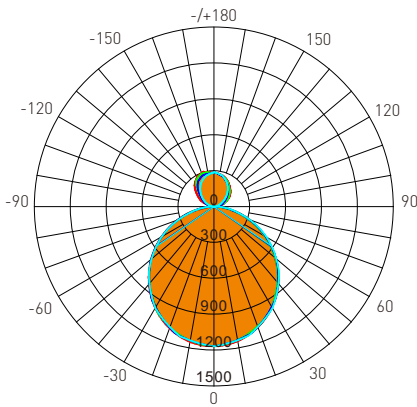
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ILLUMINATING US

DISTRIBUTION DIAGRAM

4'/Diffuser/25% Up,75% Down/4000K



AVERAGE BEAM ANGLE(50%): 110.6°

Lumens: 3988.37 Lm
Watts: 40 W
LPW: 95.24 Lm/W
CCT: 4000K

UNIT: cd
— C0/180, 110.5°
— C30/270, 110.0°
— C60/240, 110.7°
— C90/270, 111.1°

Zonal Flux Diagram

τ	C0	C45	C90	C135	C180
5	1161	1153	1152	1155	1164
10	1143	1132	1135	1136	1149
15	1113	1105	1118	1111	1122
20	1074	1075	1072	1082	1085
25	1025	1022	1025	1031	1038
30	967.0	962.6	979.2	973.0	982.2
35	901.2	901.1	909.2	913.3	918.5
40	828.7	835.1	839.2	832.5	847.7
45	750.3	752.6	769.3	667.9	770.7
50	666.2	669.8	682.1	530.6	687.8
55	577.9	587.1	594.9	428.2	600.2
60	485.9	490.2	507.8	343.0	508.6
65	390.8	395.5	411.5	265.1	414.4
70	295.6	302.0	315.1	196.2	319.2
75	203.8	209.1	218.8	135.3	216.6
80	116.8	123.2	146.5	79.88	73.23
85	41.84	62.64	74.14	40.19	23.29
90	2.992	3.212	1.821	1.957	1.958
95	4.106	18.65	10.98	14.65	1.139
100	18.52	34.76	20.13	28.05	10.79
105	40.60	62.17	29.29	55.27	44.13
110	73.56	89.60	48.53	83.83	83.85
115	121.2	110.1	67.77	110.3	124.3
120	144.1	127.3	87.00	137.9	146.4
125	165.4	145.1	110.7	167.9	172.6
130	181.9	161.8	134.3	191.6	201.7
135	197.1	179.0	158.0	216.4	229.4
140	211.4	197.4	180.1	240.0	251.8
145	225.1	213.2	202.3	255.6	268.4
150	238.9	228.6	224.4	269.9	286.9
155	252.7	244.2	239.9	283.5	292.6
160	264.3	257.7	255.4	292.9	301.3
165	272.5	265.0	270.9	293.2	302.1
170	278.2	272.6	277.0	292.1	295.6
175	283.7	280.6	283.1	289.8	284.5
180	289.2	289.2	289.2	289.2	286.8
DEG	LUMINOUS INTENSITY:cd				

Zonal Lumens

τ	φ total
0-5	27.74
5-10	109.7
10-15	243.0
15-20	423.2
20-25	643.4
25-30	896.1
30-35	1173
35-40	1463
40-45	1755
45-50	2038
50-55	2302
55-60	2540
60-65	2746
65-70	2914
70-75	3040
75-80	3125
80-85	3173
85-90	3189
90-95	3193
95-100	3203
100-105	3222
105-110	3253
110-115	3296
115-120	3348
120-125	3408
125-130	3474
130-135	3545
135-140	3619
140-145	3692
145-150	3762
150-155	3826
155-160	3881
160-165	3962
165-170	3959
170-175	3979
175-180	3986
	UNIT: lm

Luminance cd/(m2)

G(DEG)	C0/180	C90/270
85	11429	20254
80	16017	20082
75	18749	20126
70	20578	21937
65	22015	23181
60	23138	24181
55	23988	24697
50	24678	25266
45	25264	25902

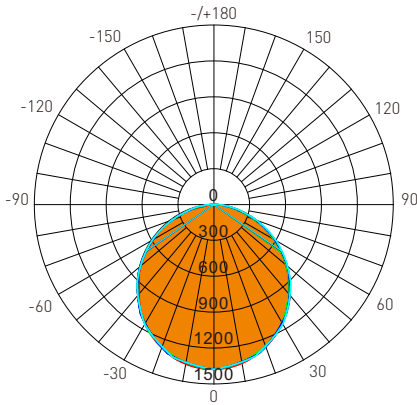
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DISTRIBUTION DIAGRAM

4'/Diffuser/100% Down/4000K



AVERAGE BEAM ANGLE(50%): 110.4°

Lumens: 3771.05 Lm
Watts: 40 W
LPW: 89.39 Lm/W
CCT: 4000K

UNIT: cd
— C0/180, 109.7°
— C30/270, 110.0°
— C60/240, 110.7°
— C90/270, 111.1°

Zonal Flux Diagram

τ	C0	C45	C90	C135	C180
5	1369	1359	1357	1361	1373
10	1347	1334	1337	1336	1354
15	1313	1303	1316	1299	1323
20	1266	1267	1262	1247	1272
25	1208	1205	1208	1186	1219
30	1140	1135	1154	1122	1153
35	1062	1062	1071	1050	1072
40	976.4	983.8	988.8	957.6	974.4
45	883.7	886.6	906.5	783.1	888.6
50	784.8	789.2	803.8	626.2	801.2
55	680.4	691.8	701.2	502.2	690.3
60	571.8	577.8	598.6	404.1	585.1
65	460.1	466.6	485.1	314.0	479.4
70	348.3	356.3	371.6	233.5	367.7
75	239.5	247.0	258.1	160.0	249.3
80	136.7	145.7	172.8	93.10	83.41
85	48.16	74.26	87.56	46.56	25.93
90	2.283	4.164	2.321	1.715	1.697
95	5.970	4.673	2.367	2.337	0.3687
100	5.849	5.182	2.414	2.964	0.5275
105	6.116	5.362	2.460	3.700	0.6953
110	6.410	5.514	2.778	4.412	0.9148
115	6.513	5.754	3.095	4.988	1.181
120	6.695	6.041	3.413	5.559	1.409
125	6.718	6.259	3.696	6.234	1.652
130	6.531	6.176	3.978	6.039	1.886
135	6.339	6.021	4.261	5.881	2.124
140	6.017	5.736	4.464	5.996	2.348
145	5.489	5.455	4.667	6.071	0.553
150	4.784	5.106	4.869	5.956	2.759
155	4.103	4.691	4.900	5.660	2.922
160	3.706	4.330	4.931	5.248	3.076
165	3.646	4.055	4.961	4.881	3.212
170	3.768	4.052	4.738	4.666	3.347
175	3.927	4.171	4.514	4.455	3.389
180	4.290	4.290	4.290	4.290	3.431
DEG	LUMINOUS INTENSITY:cd				

Zonal Lumens

τ	φ total
0-5	32.69
5-10	129.3
10-15	286.3
15-20	498.3
20-25	757.0
25-30	1054
30-35	1379
35-40	1719
40-45	2062
45-50	2396
50-55	2707
55-60	2987
60-65	3229
65-70	3427
70-75	3576
75-80	3676
80-85	3732
85-90	3751
90-95	3752
95-100	3753
100-105	3754
105-110	3756
110-115	3757
115-120	3759
120-125	3761
125-130	3762
130-135	3764
135-140	3765
140-145	3767
145-150	3768
150-155	3769
155-160	3770
160-165	3770
165-170	3771
170-175	3771
175-180	3771
	UNIT: lm

Luminance cd/(m2)

G(DEG)	C0/180	C90/270
85	13157	23921
80	18739	23694
75	22034	23739
70	24246	25866
65	25919	27328
60	27229	28503
55	28242	29107
50	29070	29775
45	29757	30523