



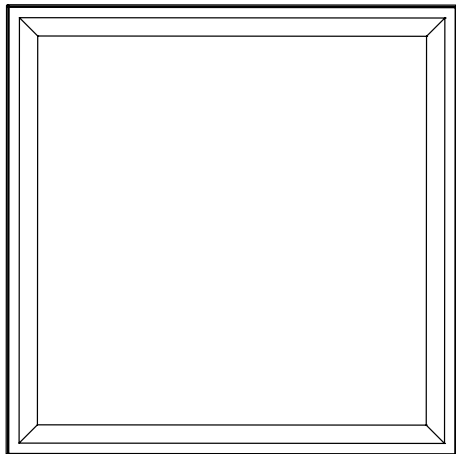
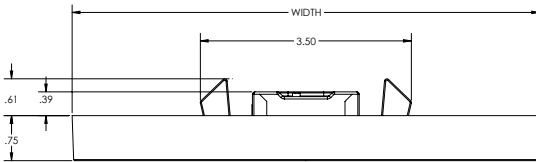
Juno SlimForm™ LED with Selectable CCT

5" and 7" Square Downlight for JBox Installation

JSFSQ Series



Dimensions



Project:

Fixture Type:

Location:

Contact/Phone:

Product Features

Sleek, ultra-low profile energy efficient LED surface mount downlights available in 5" and 7" sizes. Optional finish trims available for custom, designer look similar to standard recessed downlights. Provides general illumination in residential and commercial applications including multi-family and hospitality. Ideal for use in corridors, living spaces, closets, hallways, pantries, stairways, outdoor covered areas.

With the newly added selectable CCT switch, the JSFSQ gives the ultimate in flexibility for both the distributor as well as the end user.

Applications

- Suitable for wet locations (indoor covered ceilings): perfect for closets, showers, bathrooms, outdoor soffits, and covered ceiling applications
- Residential and Light Commercial applications including multi-family and hospitality
- Ideal for use in corridors, foyers, living spaces, closets, hallways, pantries, stairways and much more
- Installs directly into industry standard junction boxes
- Suitable for use within closet storage spaces when installed per NEC requirements. *Junction box sizes vary - Verify compatibility with fixture prior to installation*

Performance

Delivered Lumens	JSFSQ 5IN = 705L - 818L JSFSQ 7IN = 1069L - 1251L
Led Color Temperature	Switchable White (2700K, 3000K, 3500K, 4000K, 5000K) Default set at 3000K
CRI	90+
Voltage	Dedicated 120V and MVOLT (120V-277V)
Dimming	Phase Dimming down to 10%

Specifications

	Width	Depth
JSFSQ 5IN	5.25 (13.34)	0.75 (1.91)
JSFSQ 7IN	7.77 (19.74)	0.75 (1.91)

All dimensions are in Inches (centimeters unless otherwise indicated).



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ORDERING INFORMATION

SlimForm LED Downlight

Example: JSFSQ 5IN 07LM SWW5 90CRI 120 FRPC WH

Series	Size/Lumens	Color Temperature	CRI	Voltage/Driver	Finish
JSFSQ SlimForm Surface Mount Downlight – Square	5IN 07LM 5", 705-818 Lumens 7IN 10LM 7", 1069-1251 Lumens	SWW5 Switchable White (2700K, 3000K, 3500K, 4000K, 5000K)	90CRI 90+ CRI	120 FRPC Dedicated 120V, Forward Reverse Phase Dimming MVOLT ZT Universal Voltage 120V-277V, 0-10V Dimming	WH White

ACCESSORIES

TRIM – Optional, field installable finish trim rings available to change the exterior finish of fixture.

Example: JSFSQTRIM 5IN BL

Series	Size	Finish
JSFSQTRIM SlimForm Accessory- Trim	5IN 5 inches	BL Black SN Satin Nickel



BLACK



SATIN NICKEL

REMOTE EMERGENCY IOTA INVERTERS FOR FIELD INSTALLATION

Inverter Part Number	Description
IIS 25 I	Emergency Inverter, 25W output
IIS 50 I	Emergency Inverter, 50W output
IIS 35 HE	Emergency Inverter, 35W output, High Efficiency (meets CA T20 efficiency requirement)

Must be ordered on a separate line. For Emergency Battery related questions contact us at techsupport@iotaengineering.com



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Specifications

Construction

Shallow, less than 1", solid ring with white finish • Non conductive construction allows for light shower applications • Optional, field installable finish trims available for 5" and 7" versions to change the exterior finish of fixture.

Optics

Light guide technology combined with diffusing lens conceals the LEDs from direct view and provides uniform lens luminance.

LED Light Engine

LEDs mounted directly to heatsink designed to provide superior thermal management and ensure long life • Selectable CCT with steps at 27K, 30K, 35K, 40K, 50K • LEDs binned for 4-step MacAdam ellipse color consistency • 90 CRI minimum.

LED Driver

Choice of dedicated 120 volt (120) driver or universal voltage (MVOLT) driver that accommodates input voltages from 120-277 volts AC at 50/60Hz • Power factor > 0.9 at 120V input • 120 volt driver is dimmable with the use of most incandescent, magnetic low voltage and electronic low voltage wall box dimmers • Universal voltage driver is dimmable with the use of most 0-10V wall box dimmers • External driver is only available on 5" and 7" models • For a list of compatible dimmers, see [JUNOSLIMFORM-DIM](#).

Installation

Junction Box Mounting

Fixture provided with leads for direct wire connection in j-box • Installs directly to industry standard junction boxes • Compatible junction boxes include 4" metal or plastic octagonal standard and IC1JB junction box housing (3 1/2" junction box screw-hole spacing required for installation) • Minimum 1 3/4" depth and minimum 3 1/2" width of junction box required for installation for 5" and 7" fixtures • Quick mount bracket provides fast installation of fully assembled fixture to junction box • Suitable for ceiling mount • Suitable for use within closet storage spaces when installed per NEC requirements. Junction box sizes vary - Verify compatibility with fixture prior to installation.

Life

Rated for 50,000 hours at >70% lumen maintenance.

Labels

Certified to the high efficacy requirements of California T24 JA8-2019 • CSA listed for US and Canada • Suitable for wet locations (covered ceilings).

Testing

All reports are based on published industry procedures; field performance may differ from laboratory performance.

Warranty

5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.

Specifications subject to change without notice.

ELECTRICAL DATA

Dedicated 120V Only Driver Option (120 FRPC)

	5IN 07LM	7IN 10LM
Input Power	9.3W (+/-5)	12.2W (+/-5)
Input Current	0.08A	0.10A
Frequency	50/60Hz	50/60Hz
EMI/RFI	FCC Title 47, Part 15 Class B (consumer)	FCC Title 47, Part 15 Class B (consumer)
Minimum Starting Temp	-20°C	-20°C

Universal Voltage MVOLT ZT

	5IN 07LM		7IN 10LM	
	120V	277V	120V	277V
Input Power	9.3W (+/-5)	9.3W (+/-5)	12.2W (+/-5)	12.2W (+/-5)
Input Current	0.08A	0.03A	0.10A	0.04A
Frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz
EMI/RFI	FCC Title 47, Part 15 Class B (consumer)	FCC Title 47, Part 15 Class B (consumer)	FCC Title 47, Part 15 Class B (consumer)	FCC Title 47, Part 15 Class B (consumer)
Minimum Starting Temp	-20°C	-20°C	-20°C	-20°C

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25°C.



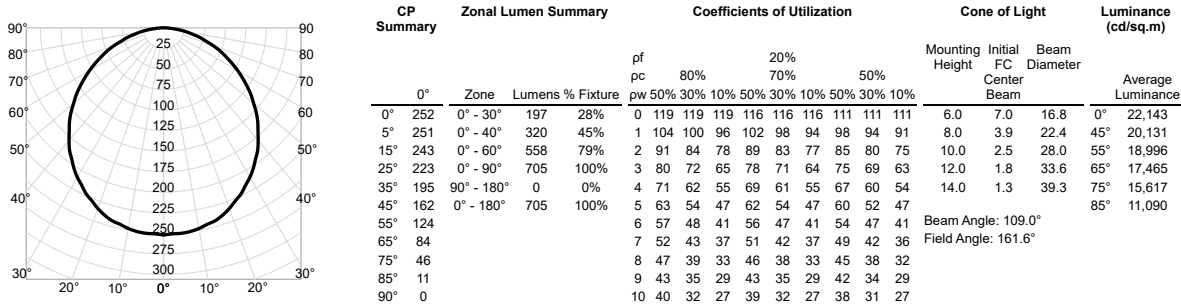
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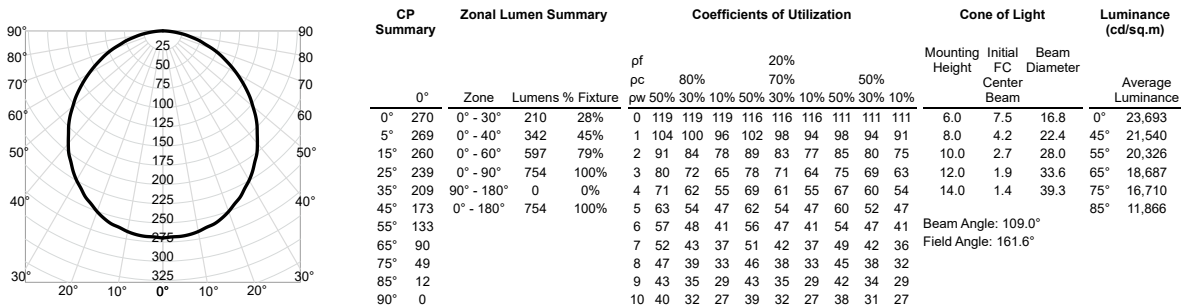


PHOTOMETRICS

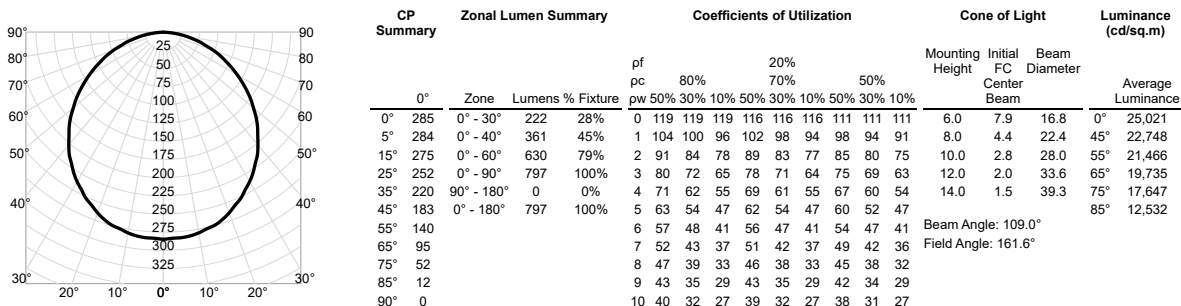
JSFSQ 5IN 07LM SWW5 90CRI 120 FRPC - 27K Input Watts: 9.3, Delivered Lumens: 705, LPW: 75.8, S/MH: 1.24, Test No: ISF 231278P1



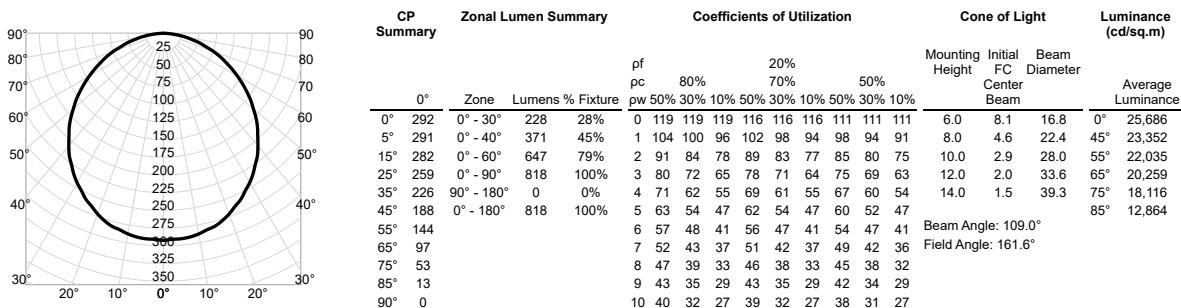
JSFSQ 5IN 07LM SWW5 90CRI 120 FRPC - 30K Input Watts: 9.2, Delivered Lumens: 754, LPW: 82.0, S/MH: 1.24, Test No: ISF 231278P2



JSFSQ 5IN 07LM SWW5 90CRI 120 FRPC - 35K Input Watts: 9.0, Delivered Lumens: 797, LPW: 88.6, S/MH: 1.24, Test No: ISF 231278P3



JSFSQ 5IN 07LM SWW5 90CRI 120 FRPC - 40K Input Watts: 9.2, Delivered Lumens: 818, LPW: 88.9, S/MH: 1.24, Test No: ISF 231278P4





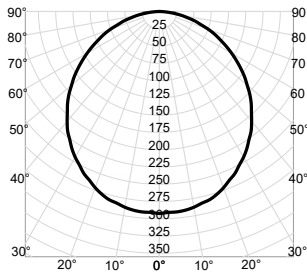
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PHOTOMETRICS

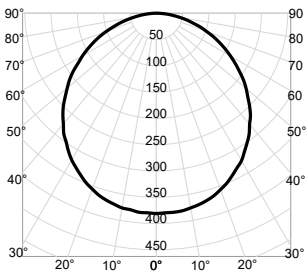
JSFSQ 5IN 07LM SWW5 90CRI 120 FRPC - 50K Input Watts: 9.3, Delivered Lumens: 818, LPW: 88.0, S/MH: 1.24, Test No: ISF 231278P5



CP Summary	Zonal Lumen Summary				Coefficients of Utilization										Cone of Light			Luminance (cd/sq.m)									
	0°	Zone	Lumens	% Fixture	pf											Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance								
					pc	80%	20%		50%		30%		10%														
					pw	50%	30%	10%	50%	30%	10%	50%	30%	10%													
0°	292	0° - 30°	228	28%	0	119	119	119	116	116	116	111	111	111	6.0	8.1	16.8	0°	25,686								
5°	291	0° - 40°	371	45%	1	104	100	96	102	98	94	98	94	91	8.0	4.6	22.4	45°	23,352								
15°	282	0° - 60°	647	79%	2	91	84	78	89	83	77	85	80	75	10.0	2.9	28.0	55°	22,035								
25°	259	0° - 90°	818	100%	3	80	72	65	78	71	64	75	69	63	12.0	2.0	33.6	65°	20,259								
35°	226	90° - 180°	0	0%	4	71	62	55	69	61	55	67	60	54	14.0	1.5	39.3	75°	18,116								
45°	188	0° - 180°	818	100%	5	63	54	47	62	54	47	60	52	47	Beam Angle: 109.0° Field Angle: 161.6°			85°	12,864								
55°	144																										
65°	97																										
75°	53																										
85°	13																										
90°	0																										

Beam Angle: 109.0°
Field Angle: 161.6°

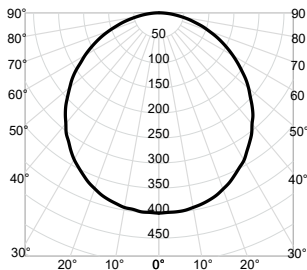
JSFSQ 7IN 10LM SWW5 90CRI 120 FRPC - 27K Input Watts: 12.1, Delivered Lumens: 1069, LPW: 88.3, S/MH: 1.25, Test No: ISF 231279P1



CP Summary		Zonal Lumen Summary				Coefficients of Utilization										Cone of Light			Luminance (cd/sq.m)									
						pf					20%					Mounting Height	Initial FC Center Beam	Beam Diameter										
0°		Zone	Lumens	% Fixture	pc	50%	30%	10%	50%	30%	10%	50%	30%	10%				Average Luminance										
0°	381	0° - 30°	296	28%	0	119	119	119	116	116	111	111	111	111	6.0	10.6	17.4	0°	13,077									
5°	380	0° - 40°	483	45%	1	104	100	96	102	98	94	97	94	91	8.0	6.0	23.2	45°	12,184									
15°	369	0° - 60°	843	79%	2	90	84	78	89	82	77	85	80	75	10.0	3.8	29.0	55°	11,549									
25°	341	0° - 90°	1,069	100%	3	79	71	65	78	70	64	75	68	63	12.0	2.6	34.8	65°	10,802									
35°	301	90° - 180°	0	0%	4	70	62	55	69	61	54	67	59	54	14.0	1.9	40.6	75°	9,548									
45°	251	0° - 180°	1,069	100%	5	63	54	47	62	53	47	60	52	46	Beam Angle: 110.8° Field Angle: 162.7°					85°	8,270							
55°	193																											
65°	133																											
75°	72																											
85°	21																											
90°	1																											

Beam Angle: 110.8°
Field Angle: 162.7°

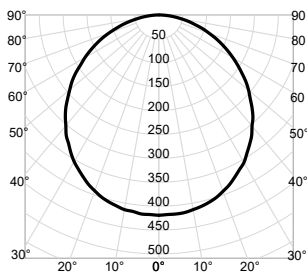
JSFSQ 7IN 10LM SWW5 90CRI 120 FRPC - 30K Input Watts: 12.0, Delivered Lumens: 1123, LPW: 93.6, S/MH: 1.25, Test No: ISF 231279P2



CP Summary		Zonal Lumen Summary				Coefficients of Utilization										Cone of Light			Luminance (cd/sq.m)									
						pf					20%						Mounting Height	Initial FC Center Beam	Beam Diameter									
0°		Zone	Lumens	% Fixture	pc	50%	30%	10%	50%	30%	10%	50%	30%	10%	Average Luminance													
0°	400	0° - 30°	311	28%	0	119	119	119	116	116	116	111	111	111	6.0	11.1	17.4	0°	13,731									
5°	399	0° - 40°	507	45%	1	104	100	96	102	98	94	97	94	91	8.0	6.3	23.2	45°	12,793									
15°	387	0° - 60°	885	79%	2	90	84	78	89	82	77	85	80	75	10.0	4.0	29.0	55°	12,127									
25°	358	0° - 90°	1,122	100%	3	79	71	65	78	70	64	75	68	63	12.0	2.8	34.8	65°	11,342									
35°	316	90° - 180°	0	0%	4	70	62	55	69	61	54	67	59	54	14.0	2.0	40.6	75°	10,026									
45°	264	0° - 180°	1,123	100%	5	63	54	47	62	53	47	60	52	46	Beam Angle: 110.8° Field Angle: 162.7°					85°	8,684							
55°	203																											
65°	140																											
75°	76																											
85°	22																											
90°	1																											

Beam Angle: 110.8°
Field Angle: 162.7°

JSFSQ 7IN 10LM SWW5 90CRI 120 FRPC - 35K Input Watts: 11.9, Delivered Lumens: 1176, LPW: 98.8, S/MH: 1.25, Test No: ISF 231279P3



CP Summary		Zonal Lumen Summary				Coefficients of Utilization										Cone of Light			Luminance (cd/sq.m)		
0°		Zone	Lumens	% Fixture	pf	pc	80%	20%	50%	30%	10%	50%	30%	10%	Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance			
0°	419	0° - 30°	326	28%	0	119	119	119	116	116	116	111	111	111	6.0	11.6	17.4	0°	14,385		
5°	418	0° - 40°	531	45%	1	104	100	96	102	98	94	97	94	91	8.0	6.5	23.2	45°	13,402		
15°	406	0° - 60°	928	79%	2	90	84	78	89	82	77	85	80	75	10.0	4.2	29.0	55°	12,704		
25°	375	0° - 90°	1,176	100%	3	79	71	65	78	70	64	75	68	63	12.0	2.9	34.8	65°	11,882		
35°	331	90° - 180°	0	0%	4	70	62	55	69	61	54	67	59	54	14.0	2.1	40.6	75°	10,503		
45°	276	0° - 180°	1,176	100%	5	63	54	47	62	53	47	60	52	46	Beam Angle: 110.8°				85°	9,097	
55°	212															Field Angle: 162.7°					
65°	146																				
75°	79																				
85°	23																				
90°	1																				



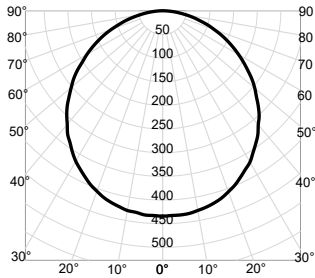
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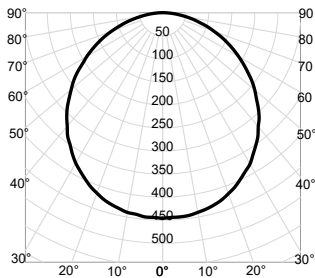
PHOTOMETRICS

JSFSQ 7IN 10LM SSW5 90CRI 120 FRPC - 40K Input Watts: 11.9, Delivered Lumens: 1219, LPW: 102.4, S/MH: 1.25, Test No: ISF 231279P4



CP Summary		Zonal Lumen Summary				Coefficients of Utilization										Cone of Light			Luminance (cd/sq.m)		
						pf											Mounting Height	Initial FC Center Beam	Beam Diameter		
0°		Zone	Lumens	% Fixture	pc	pw	50%	30%	10%	50%	30%	10%	50%	30%	10%				Average Luminance		
0°	434	0° - 30°	338	28%		0	119	119	119	116	116	111	111	111	111	6.0	12.1	17.4	0° 14,908		
5°	433	0° - 40°	550	45%	1	104	100	96	102	98	94	97	94	91	81	8.0	6.8	23.2	45° 13,890		
15°	421	0° - 60°	961	79%	2	90	84	78	89	82	77	85	80	75	71	10.0	4.3	29.0	55° 13,166		
25°	389	0° - 90°	1,219	100%	3	79	71	65	78	70	64	75	68	63	59	12.0	3.0	34.8	65° 12,314		
35°	343	90° - 180°	0	0%	4	70	62	55	69	61	54	67	59	54	50	14.0	2.2	40.6	75° 10,885		
45°	286	0° - 180°	1,219	100%	5	63	54	47	62	53	47	60	52	46	42	Beam Angle: 110.8° Field Angle: 162.7°			85° 9,428		
55°	220				6	57	48	41	56	47	41	54	46	41							
65°	152				7	51	43	36	51	42	36	49	42	36							
75°	82				8	47	38	33	46	38	32	45	38	32							
85°	24				9	43	35	29	42	35	29	41	34	29							
90°	1				10	40	32	27	39	32	27	38	31	26							

JSFSQ 7IN 10LM SSW5 90CRI 120 FRPC - 50K Input Watts: 12.2, Delivered Lumens: 1251, LPW: 102.5, S/MH: 1.25, Test No: ISF 231279P5



CP Summary		Zonal Lumen Summary				Coefficients of Utilization										Cone of Light			Luminance (cd/sq.m)			
						pf											Mounting Height	Initial FC Center Beam	Beam Diameter			
0°		Zone	Lumens	% Fixture	pc	pw	50%	30%	10%	50%	30%	10%	50%	30%	10%				Average Luminance			
0°	446	0° - 30°	347	28%		0	119	119	119	116	116	111	111	111	111	6.0	12.4	17.4	0° 15,300			
5°	445	0° - 40°	565	45%		1	104	100	96	102	98	94	97	94	91	8.0	7.0	23.2	45° 14,255			
15°	432	0° - 60°	987	79%		2	90	84	78	89	82	77	85	80	75	10.0	4.5	29.0	55° 13,513			
25°	399	0° - 90°	1,251	100%		3	79	71	65	78	70	64	75	68	63	12.0	3.1	34.8	65° 12,638			
35°	352	90° - 180°	0	0%		4	70	62	55	69	61	54	67	59	54	14.0	2.3	40.6	75° 11,172			
45°	294	0° - 180°	1,251	100%		5	63	54	47	62	53	47	60	52	46	Beam Angle: 110.8° Field Angle: 162.7°				85° 9,676		
55°	226					6	57	48	41	56	47	41	54	46	41							
65°	156					7	51	43	36	51	42	36	49	42	36							
75°	84					8	47	38	33	46	38	32	45	38	32							
85°	25					9	43	35	29	42	35	29	41	34	29							
90°	1					10	40	32	27	39	32	27	38	31	26							