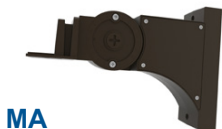


CARU LED Area Light



Producing 150 lumens per watt, CARU is a cost effective LED luminaire that effectively illuminates sport courts, walkways, parking lots and other facilities that need energy efficient, reliable illumination. CARU is offered in several wattages and Kelvins along with several mounting options for wall or pole mounting.



MA



SF



TR

Specifications

Construction

High-grade die cast aluminum and PMMA optic lens

Mounting

Designed for pole or wall-mounting with either an arm extension, slip fitter, U-bracket or trunion mount

Applications

Ideal solution for industrial, commercial and other exterior applications

Certification

DLC and UL listed. All components have UL certification. Protection Grade IP65

Warranty

5 years on Parts



Input Voltage	120V-277V / 347-480V
Rated Wattage	75/100/150/240/320W
Available CCT	4000/5000K
Efficacy	150 LWP
CRI	>70
Color Consistency	5-step MacAdam Ellipse
Ambient Temp	-20°C to 50°C
Power Factor	>0.90
Dimming	0-10V
Surge Protection	2KV
Lifetimes	50,000 hours

ORDERING OPTIONS

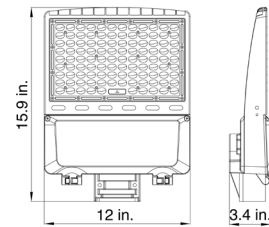
Example: AF66XSFLD/U/150-40-HV-PCB-SF

SERIES	WATTAGE		COLOR TEMP		VOLTAGE		DIMMING		CONTROLS		MOUNTING	
SFLD	/U/	150	-40		-HV				-PCB		-SF	
	75	75W	40	4000K	[Blank]	120V-277V	[Blank]	0-10V	PCB	Button-style photocell	AR	Arm extension
	100	100W	50	5000K		HV 347-480V	BD	Bi-level dimming	PCT	Twist-lock photocell	SF	Slip fitter
	150	150W							MS	Bi-level micro-wave sensor	TR	Trunion
	240	240W							PS	Bi-level PIR sensor	UB	U-bracket
	320	320W										



CARU AF66XSFLLED/U/75

CATALOG NUMBER	RATED WATTAGE	EFFICACIES	DELIVERED LUMENS
AF66XSFLLED/U/75-40	75W	151	11325
AF66XSFLLED/U/75-50	75W	152	11400

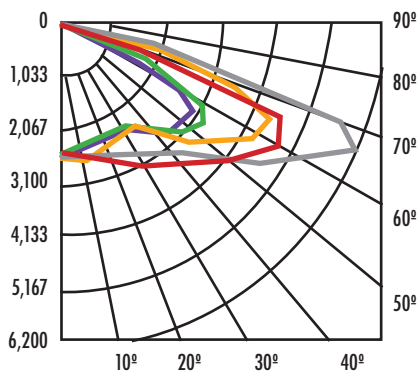


ZONAL LUMENS SUMMARY

Zone	Lumens	% Lamp	% Luminaire
0-30	2,160.6	17.8	17.8
0-40	3,782.0	31.2	31.2
0-60	8,552.5	70.6	70.6
60-90	3,537.0	29.2	29.2
70-100	1,004.5	8.3	8.3
90-120	13.7	0.1	0.1
0-90	12,089.6	99.8	99.7
90-180	32.3	0.3	0.3
0-180	12,121.8	100.1	100

LUMENS PER ZONE

Zone	Lumens	% Total	Zone	Lumen	% Total
0-10	250.5	2.1	90-100	4.3	0
10-20	731.8	6.0	100-110	4.3	0
20-30	1,178.3	9.7	110-120	5.2	0
30-40	1,621.4	13.4	120-130	5.2	0
40-50	2,131.3	17.6	130-140	4.5	0
50-60	2,639.2	21.8	140-150	3.6	0
60-70	2,536.8	20.9	150-160	2.7	0
70-80	934.6	7.7	160-170	1.9	0
80-90	65.6	0.5	170-180	0.7	0



FLOOD SUMMARY

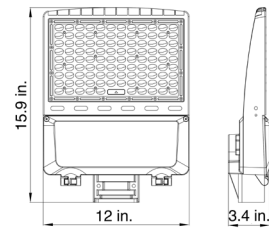
	Efficiency %	Lumens	Horiz. Spread	Vert. Spread
Field (10%)	97.4	11,798.6	149.8	127.3
Beam (50%)	46.1	5,583.0	44.2	86.0
Total	100	12,118.9		

■ 0° H
 ■ 22.5° H
 ■ 45° H
 ■ 67.5° H
 ■ 90° H



CARU AF66XSFLLED/U/100

CATALOG NUMBER	RATED WATTAGE	EFFICACIES	DELIVERED LUMENS
AF66XSFLLED/U/100-40	100W	150	15000
AF66XSFLLED/U/100-50	100W	151	15100

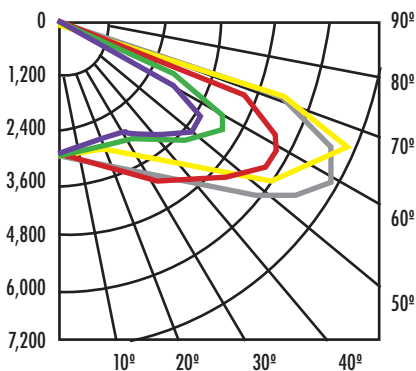


ZONAL LUMENS SUMMARY

Zone	Lumens	% Lamp	% Luminaire
0-30	2,704.7	17.9	17.9
0-40	4,798.1	31.7	31.7
0-60	10,937.6	72.3	72.3
60-90	4,162.1	27.5	27.5
70-100	1,153.8	7.6	7.6
90-120	15.2	0.1	0.1
0-90	15,099.7	99.8	99.8
90-180	37.8	0.2	0.2
0-180	15,137.4	100	100

LUMENS PER ZONE

Zone	Lumens	% Total	Zone	Lumen	% Total
0-10	304.3	2.0	90-100	4.5	0
10-20	905.9	6.0	100-110	4.7	0
20-30	1,494.5	9.9	110-120	5.9	0
30-40	2,093.4	13.8	120-130	6.3	0
40-50	2,770.4	18.3	130-140	5.5	0
50-60	3,369.2	22.3	140-150	4.4	0
60-70	3,012.8	19.9	150-160	3.3	0
70-80	1,063.6	7.0	160-170	2.3	0
80-90	85.7	0.6	170-180	0.8	0



FLOOD SUMMARY

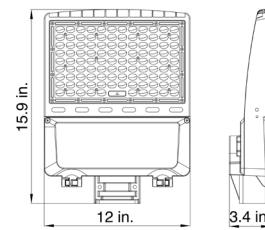
	Efficiency %	Lumens	Horiz. Spread	Vert. Spread
Field (10%)	97.4	14,737.4	139.5	136.2
Beam (50%)	55.0	8,316.6	121.9	94
Total	100	15,133.5		

■ 0°H
 ■ 22.5° H
 ■ 45° H
 ■ 67.5° H
 ■ 90° H



CARU AF66XSFLLED/U/150

CATALOG NUMBER	RATED WATTAGE	EFFICACIES	DELIVERED LUMENS
AF66XSFLLED/U/150-40	150W	150	22500
AF66XSFLLED/U/150-50	150W	151	22650

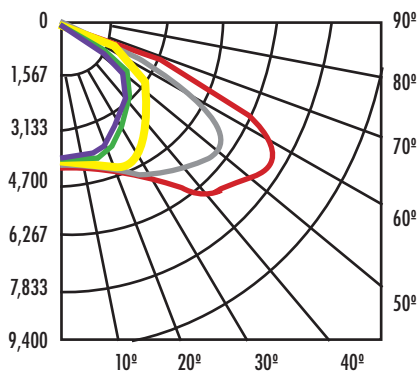


ZONAL LUMENS SUMMARY

Zone	Lumens	% Lamp	% Luminaire
0-30	3,929.9	17.6	17.6
0-40	7,057.9	31.5	31.5
0-60	16,093.4	71.9	71.9
60-90	6,273.9	28.0	28.0
70-100	1,952.8	8.7	8.7
90-120	5.6	0	0
0-90	22,367.3	99.9	99.9
90-180	7.9	0	0
0-180	22,375.2	100	100

LUMENS PER ZONE

Zone	Lumens	% Total	Zone	Lumen	% Total
0-10	422.7	1.9	90-100	4.8	0
10-20	1,304.9	5.8	100-110	0.3	0
20-30	2,202.4	9.8	110-120	0.5	0
30-40	3,128.0	14.0	120-130	0.6	0
40-50	4,141.9	18.5	130-140	0.6	0
50-60	4,893.6	21.9	140-150	0.5	0
60-70	4,325.9	19.3	150-160	0.4	0
70-80	1,778.9	8.0	160-170	0.2	0
80-90	169.0	0.8	170-180	0.1	0



FLOOD SUMMARY

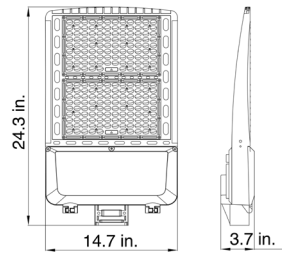
	Efficiency %	Lumens	Horiz. Spread	Vert. Spread
Field (10%)	97.8	21,891.6	151.9	141.9
Beam (50%)	71.6	16,015.5	137.2	104.2
Total	99.9	22,368.0		

■ 0°H
 ■ 22.5° H
 ■ 45° H
 ■ 67.5° H
 ■ 90° H



CARU AF66XSFLLED/U/240

CATALOG NUMBER	RATED WATTAGE	EFFICACIES	DELIVERED LUMENS
AF66XSFLLED/U/240-40	240W	150	36000
AF66XSFLLED/U/240-50	240W	151	36240

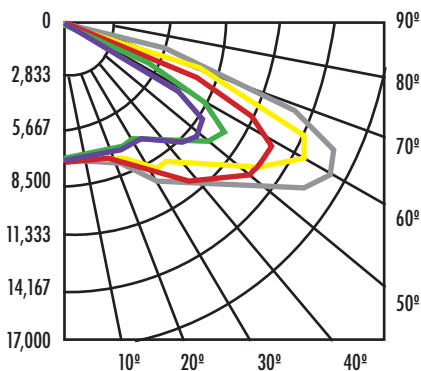


ZONAL LUMENS SUMMARY

Zone	Lumens	% Lamp	% Luminaire
0-30	6,503.7	17.9	17.9
0-40	11,732.6	32.3	32.3
0-60	26,960.6	74.2	74.2
60-90	9,265.0	25.5	25.5
70-100	2,385.7	6.6	6.6
90-120	40.3	0.1	0.1
0-90	36,225.5	99.7	99.7
90-180	98.6	0.3	0.3
0-180	36,324.1	100	100

LUMENS PER ZONE

Zone	Lumens	% Total	Zone	Lumen	% Total
0-10	697.8	1.9	90-100	10.9	0
10-20	2,136.4	5.9	100-110	13.3	0
20-30	3,669.5	10.1	110-120	16.1	0
30-40	5,228.9	14.4	120-130	16.8	0
40-50	6,943.1	19.1	130-140	15.2	0
50-60	8,284.9	22.8	140-150	11.5	0
60-70	6,890.1	19.0	150-160	7.7	0
70-80	2,146.3	5.9	160-170	5.3	0
80-90	228.5	0.6	170-180	1.9	0



FLOOD SUMMARY

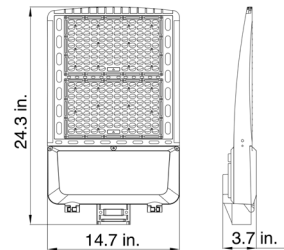
	Efficiency %	Lumens	Horiz. Spread	Vert. Spread
Field (10%)	97.1	35,275.8	150.4	131.1
Beam (50%)	63.4	23,041.7	135.1	91.2
Total	99.9	36,313.2		

■ 0°H
 ■ 22.5° H
 ■ 45° H
 ■ 67.5° H
 ■ 90° H



CARU AF66XSFLLED/U/320

CATALOG NUMBER	RATED WATTAGE	EFFICACIES	DELIVERED LUMENS
AF66XSFLLED/U/320-40	320W	150	48000
AF66XSFLLED/U/320-50	320W	151	48320

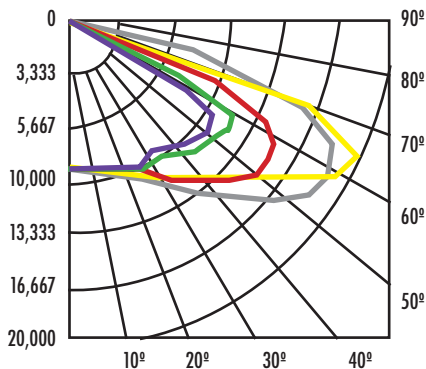


ZONAL LUMENS SUMMARY

Zone	Lumens	% Lamp	% Luminaire
0-30	8,261.7	18	18
0-40	14,760.8	32.2	32.2
0-60	33,336.9	72.7	74.8
60-90	12,379.8	27	27
70-100	3,577.4	7.8	7.8
90-120	42.2	0.1	0.1
0-90	45,716.7	99.7	99.8
90-180	105.1	0.2	0.2
0-180	45,821.8	99.9	100

LUMENS PER ZONE

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	894.4	2.0	90-100	11.1	0
10-20	2,753.1	6.0	100-110	13.9	0
20-30	4,614.2	10.1	110-120	17.3	0
30-40	6,499.1	14.2	120-130	18.1	0
40-50	8,532.6	18.6	130-140	16.5	0
50-60	10,043.6	21.9	140-150	12.6	0
60-70	8,813.4	19.2	150-160	8.4	0
70-80	3,248.6	7.1	160-170	5.4	0
80-90	317.7	0.7	170-180	1.9	0



FLOOD SUMMARY

	Efficiency %	Lumens	Horiz. Spread	Vert. Spread
Field (10%):	97.2	44,589.9	142.5	137.6
Beam (50%):	68.2	31,293.2	124.7	97.7
Total:	99.9	45,807.8		

■ 0°H
 ■ 22.5° H
 ■ 45° H
 ■ 67.5° H
 ■ 90° H