

CATALOG #:	TYPE:
PROJECT:	
COMMENTS:	DATE:
PREPARED BY:	



EPSILON LED AREA LIGHTING



SONARAY®

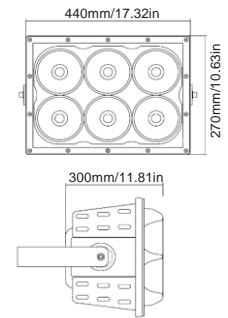


CHINA AMERICAS
COLLABORATIVE PRODUCTS



Specifications

Model No.: FL-3250N
 Material: Aluminum
 Housing Color: Dark Bronze
 Driver: Built-in
 Input Voltage: 100-277V~50/60Hz
 Power Factor: ≥ 0.9
 Operating Temperature: $-25^{\circ}\text{C}\sim+45^{\circ}\text{C}$, $-13^{\circ}\text{F}\sim+113^{\circ}\text{F}$
 Lifetime: $\geq 50,000\text{hrs}$



IP65 IK08

Color Temperature



Beam Angle



Item No.: FL-3250N-111



Item No.: FL-3250N-113



Item No.: FL-3250N-115

Color Temperature



Beam Angle



Item No.: FL-3250N-112



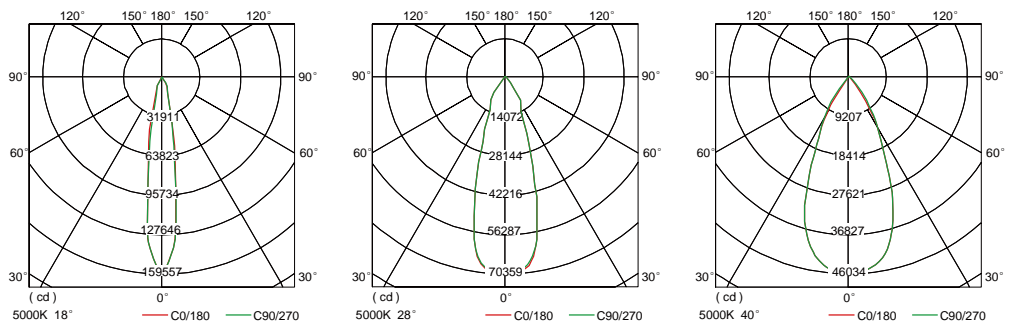
Item No.: FL-3250N-114



Item No.: FL-3250N-116

Item No.	Power (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Color Temperature (K)	CRI (Ra)	Beam Angle ($^{\circ}$)	Weight (kg/lb)
FL-3250N-112	250	25,250	101	5000	≥ 80	18	8.7/19.18
FL-3250N-114	250	30,750	123	5000	≥ 80	28	8.7/19.18
FL-3250N-116	250	29,500	118	5000	≥ 80	40	8.7/19.18

Light Distribution Curve



Illuminance Distribution

5000K 18°			5000K 28°		
1/3.3	159557/14823.33	3/1	1/3.3	70359/6536.56	60/24
5/16.4	6382/592.91	13/5	5/16.4	2814/261.43	299/118
10/32.8	1596/148.27	26/10	10/32.8	704/65.4	599/236
15/49.2	709/65.87	39/15	15/49.2	313/29.08	898/354
20/65.6	299/27.78	51/20	20/65.6	176/16.35	1198/472
25/82.0	255/23.69	64/25	25/82.0	113/10.5	1497/589
30/98.4	177/16.44	77/30	30/98.4	79/7.34	1796/707
H(m/ft)	E(lx/fc)	D(cm/in)	H(m/ft)	E(lx/fc)	D(cm/in)

5000K 40°		
1/3.3	46034/4276.7	84/33
5/16.4	1841/171.03	419/165
10/32.8	460/42.74	838/330
15/49.2	205/19.05	1258/495
20/65.6	115/10.68	1677/660
25/82.0	74/6.87	2096/825
30/98.4	51/4.74	2515/990
H(m/ft)	E(lx/fc)	D(cm/in)

www.sonarayled.com

© 2016 DASCOM (HOLDINGS), LTD. All rights reserved. All company and product names are trademarks or registered trademarks of their respective owner. Specifications are subject to change without notice.

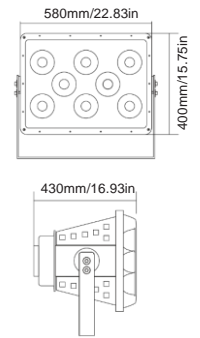
Version 1.1. Edited 2016.03





Specifications

Model No.: FL-3520N
 Material: Aluminum
 Housing Color: Dark Bronze
 Driver: Built-in
 Input Voltage: 100-277V~50/60Hz
 Power Factor: ≥ 0.9
 Operating Temperature: $-25^{\circ}\text{C}\sim+45^{\circ}\text{C}$, $-13^{\circ}\text{F}\sim+113^{\circ}\text{F}$
 Lifetime: $\geq 50,000\text{hrs}$



IP65 IK08

Color Temperature



Beam Angle



Item No.: FL-3520N-111



Item No.: FL-3520N-113



Item No.: FL-3520N-115

Color Temperature



Beam Angle



Item No.: FL-3520N-112



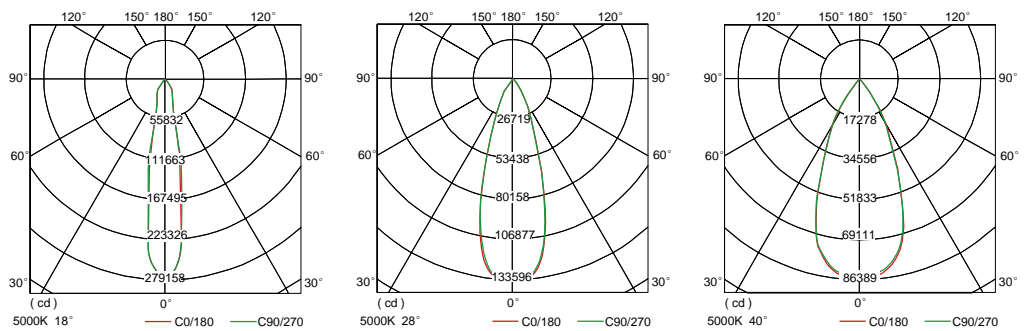
Item No.: FL-3520N-114



Item No.: FL-3520N-116

Item No.	Power (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Color Temperature (K)	CRI (Ra)	Beam Angle ($^{\circ}$)	Weight (kg/lb)
FL-3520N-112	520	57,720	111	5000	≥ 80	18	21.3/48.98
FL-3520N-114	520	55,640	107	5000	≥ 80	28	21.3/48.98
FL-3520N-116	520	53,040	102	5000	≥ 80	40	21.3/48.98

Light Distribution Curve



Illuminance Distribution

H(m/ft)	E(lx/fc)	D(cm/in)
1/3.3	279158/25934.63	0.48/0.19
5/16.4	11166/1037.36	2.41/0.95
10/32.8	2792/259.39	4.81/1.89
15/49.2	1241/115.29	7.22/2.84
20/65.6	698/64.85	9.63/3.79
25/82.0	447/41.53	12.03/4.74
30/98.4	310/28.8	14.44/5.69
35/114.8	228/21.18	16.85/6.63
40/131.2	174/16.17	19.25/7.58
45/147.6	138/12.82	21.66/8.53
50/164.0	112/10.41	24.07/9.48

H(m/ft)	E(lx/fc)	D(cm/in)
1/3.3	133596/12411.47	59/23
5/16.4	5344/496.47	297/116
10/32.8	1336/124.12	594/234
15/49.2	594/55.18	892/351
20/65.6	334/31.03	1189/468
25/82.0	214/19.88	1486/585
30/98.4	148/13.75	1783/702
35/114.8	109/10.13	2080/819
40/131.2	84/7.8	2377/936
45/147.6	66/6.13	2675/1053
50/164.0	53/4.92	2972/1170

H(m/ft)	E(lx/fc)	D(cm/in)
1/3.3	86389/8025.8	83/33
5/16.4	3456/321.07	414/163
15/49.2	384/35.67	1243/489
20/65.6	216/20.07	1657/652
25/82.0	138/12.82	2072/816
30/98.4	96/8.92	2486/979
35/114.8	71/6.6	2900/1142
40/131.2	54/5.02	3315/1305
45/147.6	43/3.99	3729/1468
50/164.0	35/3.25	4143/1631

www.sonarayled.com

© 2016 DASCOM (HOLDINGS), LTD. All rights reserved. All company and product names are trademarks or registered trademarks of their respective owner. Specifications are subject to change without notice.

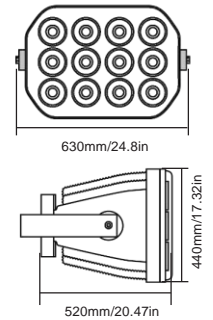
Version 1.1. Edited 2016.03





Specifications

Model No.: FL-41000N
 Material: Aluminum
 Housing Color: Dark Bronze
 Driver: Built-in
 Input Voltage: 100-277V~50/60Hz
 Power Factor: ≥ 0.9
 Operating Temperature: $-25^{\circ}\text{C}\sim+45^{\circ}\text{C}$, $-13^{\circ}\text{F}\sim+113^{\circ}\text{F}$
 Lifetime: $\geq 50,000\text{hrs}$



US **IP65 IK08**

Color Temperature



Beam Angle



Item No.: FL-41000N-111



Item No.: FL-41000N-113



Item No.: FL-41000N-115

Color Temperature



Beam Angle



Item No.: FL-41000N-112



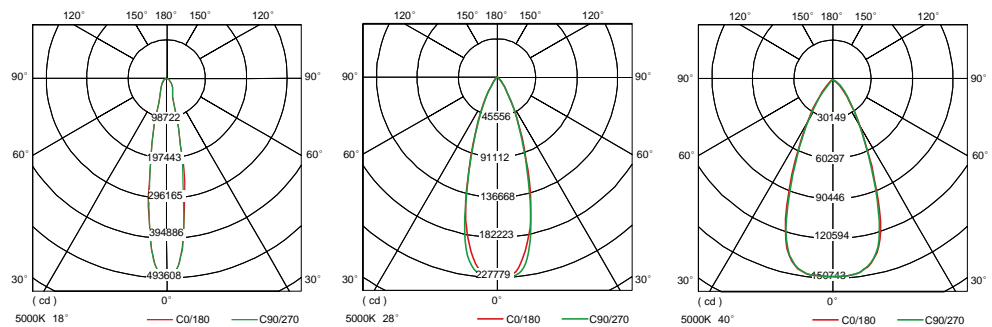
Item No.: FL-41000N-114



Item No.: FL-41000N-116

Item No.	Power (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Color Temperature (K)	CRI (Ra)	Beam Angle (°)	Weight (kg/lb)
FL-41000N-112	1000	93,000	93	5000	≥ 80	18	44.2/97.44
FL-41000N-114	1000	99,000	99	5000	≥ 80	28	44.2/97.44
FL-41000N-116	1000	103,000	103	5000	≥ 80	40	44.2/97.44

Light Distribution Curve



Illuminance Distribution

5000K 18°		
H(m/ft)	E(lx/fc)	D(cm/in)
10/32.8	4936/458.57	347/137
20/65.6	1234/114.64	695/274
30/98.4	548/50.91	1042/410
40/131.2	309/28.71	1389/547
50/164	194/18.02	1737/684
60/196.9	137/12.73	2084/820
70/229.7	101/9.38	2432/957
80/262.5	77/7.15	2779/1094
90/295.3	61/5.67	3126/1231
100/328.1	49/4.55	3474/1368

5000K 28°		
H(m/ft)	E(lx/fc)	D(cm/in)
10/32.8	2277/211.54	610/240
20/65.6	569/52.86	1220/480
30/98.4	253/23.5	1830/720
40/131.2	142/13.19	2430/957
50/164	91/8.45	3040/1197
60/196.9	63/5.85	3650/1437
70/229.7	47/4.37	4260/1677
80/262.5	36/3.34	4870/1917
90/295.3	28/2.6	5480/2157
100/328.1	23/2.14	6090/2398

5000K 40°		
H(m/ft)	E(lx/fc)	D(cm/in)
10/32.8	1506/139.91	863/340
20/65.6	376/34.93	1726/680
30/98.4	167/15.51	2581/1016
40/131.2	94/8.73	3453/1359
50/164	60/5.57	4316/1699
60/196.9	42/3.9	5179/2039
70/229.7	31/2.88	6042/2379
80/262.5	24/2.23	6906/2719
90/295.3	19/1.77	7769/3059
100/328.1	15/1.39	8632/3398

www.sonarayled.com

© 2016 DASCOM (HOLDINGS), LTD. All rights reserved.
 All company and product names are trademarks or registered trademarks of their respective owner. Specifications are subject to change without notice.

Version 1.1. Edited 2016.03

