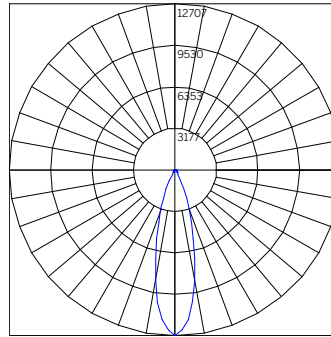


# Warp Fixed

## ROUND FIXED

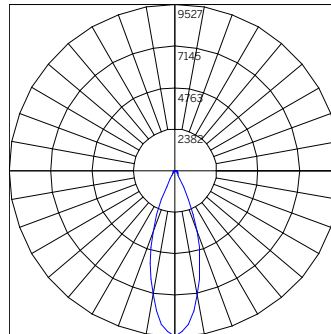
		Diameter [Wattage]						
		14 [2 CC]	14 [4 CC]	17 [6 CC]	28 [10 CC]	39 [15 CC]	53 [25 CC]	53 [45 CC]
CCT	92-27-	73	274	381	653	1220	1846	3463
	92-30-	84	293	407	703	1305	1986	3704
	92-35-	84	293	407	703	1305	1986	3980
	92-40-	-	315	440	754	1404	2125	3980
		Polar Plot / Cone Of Light Multiplier						
		14 [2 CC]	14 [4 CC]	17 [6 CC]	28 [10 CC]	39 [15 CC]	53 [25 CC]	53 [45 CC]
		0.02	0.08	0.11	0.19	0.35	0.54	1.00



Beam Angle (0-180) = 27.2  
Beam Angle (90-270) = 27.0

CONE OF LIGHT - 45W 3000K Spot WAR-RWH-F-53-45-CC-92-30-SP*		
Mounting Height [Ft]	Illuminance [fc at max cd]	Beam Diameter [Ft]**
2	3177	1.0
4	794	1.9
6	353	2.9
8	199	3.9
10	127	4.8
12	88	5.8
14	65	6.8
16	50	7.7
18	39	8.7
20	32	9.7

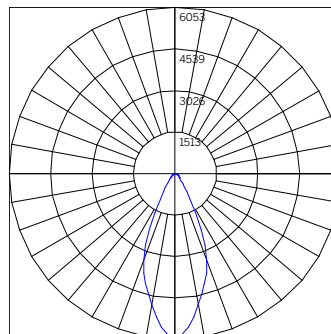
		Diameter [Wattage]						
		14 [2 CC]	14 [4 CC]	17 [6 CC]	28 [10 CC]	39 [15 CC]	53 [25 CC]	53 [45 CC]
CCT	92-27-	82	220	332	694	1145	1828	3411
	92-30-	94	236	355	747	1224	1965	3647
	92-35-	94	236	355	747	1224	1965	3919
	92-40-	-	255	383	800	1316	2103	3920
		Polar Plot / Cone Of Light Multiplier						
		14 [2 CC]	14 [4 CC]	17 [6 CC]	28 [10 CC]	39 [15 CC]	53 [25 CC]	53 [45 CC]
		0.03	0.06	0.10	0.20	0.34	0.54	1.00



Beam Angle (0-180) = 34.6  
Beam Angle (90-270) = 34.0

CONE OF LIGHT - 45W 3000K Flood WAR-RWH-F-53-45-CC-92-30-FL*		
Mounting Height [Ft]	Illuminance [fc at max cd]	Beam Diameter [Ft]**
2	2382	1.2
4	595	2.5
6	265	3.7
8	149	5.0
10	95	6.2
12	66	7.5
14	49	8.7
16	37	10
18	29	11.2
20	24	12.5

		Diameter [Wattage]						
		14 [2 CC]	14 [4 CC]	17 [6 CC]	28 [10 CC]	39 [15 CC]	53 [25 CC]	53 [45 CC]
CCT	92-27-	82	245	356	619	996	1787	3288
	92-30-	93	264	381	668	1066	1920	3517
	92-35-	93	264	381	668	1066	1920	3779
	92-40-	-	283	411	717	1146	2055	3778
		Polar Plot / Cone Of Light Multiplier						
		14 [2 CC]	14 [4 CC]	17 [6 CC]	28 [10 CC]	39 [15 CC]	53 [25 CC]	53 [45 CC]
		0.03	0.08	0.11	0.19	0.30	0.55	1.00



Beam Angle (0-180) = 43.8  
Beam Angle (90-270) = 43.0

CONE OF LIGHT - 45W 3000K Wide Flood WAR-RWH-F-53-45-CC-92-30-WFL*		
Mounting Height [Ft]	Illuminance [fc at max cd]	Beam Diameter [Ft]**
2	1513	1.6
4	378	3.2
6	168	4.8
8	95	6.4
10	61	8.0
12	42	9.6
14	31	11.3
16	24	12.9
18	19	14.5
20	15	16.1

\*Polar Plot and Cone of Light are applicable to part number noted; use Multiplication Factor table to approximate other models or refer to online photometry.

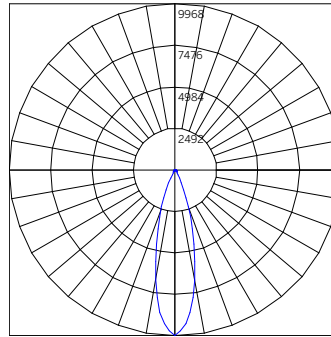
\*\* Beam Diameter indicates on center spacing required to maintain Illuminance at Mounting Height.

## ROUND FIXED HONEYCOMB

### WAR-RWH-FHC-...-SP...

Delivered Lumens - Spot

		Diameter [Wattage]						
		14 [2 CC]	14 [4 CC]	17 [6 CC]	28 [10 CC]	39 [15 CC]	53 [25 CC]	53 [45 CC]
CCT	92-27-	60	189	283	486	1012	1426	2551
	92-30-	68	202	302	523	1082	1525	2729
	92-35-	68	202	302	523	1082	1525	2932
	92-40-	-	218	326	559	1164	1632	2933
		Polar Plot / Cone Of Light Multiplier						
		14 [2 CC]	14 [4 CC]	17 [6 CC]	28 [10 CC]	39 [15 CC]	53 [25 CC]	53 [45 CC]
		0.02	0.07	0.11	0.19	0.40	0.56	1.00



Beam Angle (0-180) = 27.2  
Beam Angle (90-270) = 26.4

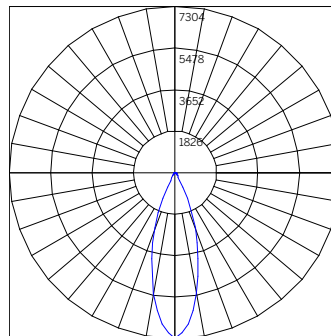
### CONE OF LIGHT - 45W 3000K Spot WAR-RWH-FHC-53-45-CC-92-30-SP\*

Mounting Height [Ft]	Illuminance [fc at max cd]	Beam Diameter [Ft]**
2	2492	1.0
4	623	1.9
6	277	2.9
8	156	3.9
10	100	4.8
12	69	5.8
14	51	6.8
16	39	7.7
18	31	8.7
20	25	9.7

### WAR-RWH-FHC-...-FL...

Delivered Lumens - Flood

		Diameter [Wattage]						
		14 [2 CC]	14 [4 CC]	17 [6 CC]	28 [10 CC]	39 [15 CC]	53 [25 CC]	53 [45 CC]
CCT	92-27-	56	106	205	489	808	1290	2422
	92-30-	64	113	219	526	864	1379	2591
	92-35-	64	113	219	526	864	1379	2784
	92-40-	-	122	236	564	929	1478	2784
		Polar Plot / Cone Of Light Multiplier						
		14 [2 CC]	14 [4 CC]	17 [6 CC]	28 [10 CC]	39 [15 CC]	53 [25 CC]	53 [45 CC]
		0.02	0.04	0.08	0.20	0.33	0.53	1.00



Beam Angle (0-180) = 32.4  
Beam Angle (90-270) = 32.0

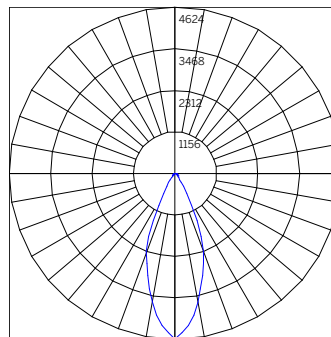
### CONE OF LIGHT - 45W 3000K Flood WAR-RWH-FHC-53-45-CC-92-30-FL\*

Mounting Height [Ft]	Illuminance [fc at max cd]	Beam Diameter [Ft]**
2	1826	1.2
4	457	2.3
6	203	3.5
8	114	4.6
10	73	5.8
12	51	7.0
14	37	8.1
16	29	9.3
18	23	10.5
20	18	11.6

### WAR-RWH-FHC-...-WFL...

Delivered Lumens - Wide Flood

		Diameter [Wattage]						
		14 [2 CC]	14 [4 CC]	17 [6 CC]	28 [10 CC]	39 [15 CC]	53 [25 CC]	53 [45 CC]
CCT	92-27-	49	138	173	324	758	1070	2140
	92-30-	55	148	184	350	811	1142	2289
	92-35-	55	148	184	350	811	1142	2459
	92-40-	-	159	198	374	873	1223	2460
		Polar Plot / Cone Of Light Multiplier						
		14 [2 CC]	14 [4 CC]	17 [6 CC]	28 [10 CC]	39 [15 CC]	53 [25 CC]	53 [45 CC]
		0.02	0.06	0.08	0.15	0.35	0.50	1.00



Beam Angle (0-180) = 39.8  
Beam Angle (90-270) = 40.0

### CONE OF LIGHT - 45W 3000K Wide Flood WAR-RWH-FHC-53-45-CC-92-30-WFL\*

Mounting Height [Ft]	Illuminance [fc at max cd]	Beam Diameter [Ft]**
2	1156	1.4
4	289	2.9
6	128	4.3
8	72	5.8
10	46	7.2
12	32	8.7
14	24	10.1
16	18	11.6
18	14	13.0
20	12	14.5

\*Polar Plot and Cone of Light are applicable to part number noted; use Multiplication Factor table to approximate other models or refer to online photometry.

\*\* Beam Diameter indicates on center spacing required to maintain Illuminance at Mounting Height.

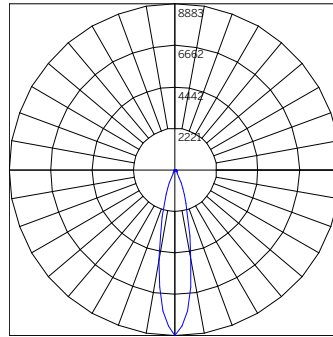
# Warp Fixed

## SQUARE FIXED

### WAR-SWH-F-...-SP...

Delivered Lumens - Spot

		Diameter [Wattage]					
		14 [2 CC]	14 [4 CC]	17 [6 CC]	28 [10 CC]	39 [15 CC]	53 [25 CC]
CCT	92-27-	80	268	387	680	1220	1920
	92-30-	91	287	413	733	1305	2064
	92-35-	91	287	413	733	1305	2064
	92-40-	-	310	446	785	1404	2209
		Polar Plot / Cone Of Light Multiplier					
		14 [2 CC]	14 [4 CC]	17 [6 CC]	28 [10 CC]	39 [15 CC]	53 [25 CC]
		0.04	0.14	0.20	0.36	0.63	1.00



Beam Angle (0-180) = 22.0  
Beam Angle (90-270) = 21.8

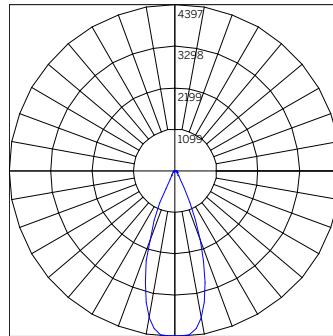
### CONE OF LIGHT - 25W 3000K Spot WAR-SWH-F-53-25-CC-92-30-SP\*

Mounting Height [Ft]	Illuminance [fc at max cd]	Beam Diameter [Ft]**
2	2221	0.8
4	555	1.6
6	247	2.3
8	139	3.1
10	89	3.9
12	62	4.7
14	45	5.4
16	35	6.2
18	27	7.0
20	22	7.8

### WAR-SWH-F-...-FL...

Delivered Lumens - Flood

		Diameter [Wattage]					
		14 [2 CC]	14 [4 CC]	17 [6 CC]	28 [10 CC]	39 [15 CC]	53 [25 CC]
CCT	92-27-	77	213	336	682	1147	1906
	92-30-	88	228	359	734	1227	2050
	92-35-	88	228	359	734	1227	2050
	92-40-	-	246	387	786	1320	2192
		Polar Plot / Cone Of Light Multiplier					
		14 [2 CC]	14 [4 CC]	17 [6 CC]	28 [10 CC]	39 [15 CC]	53 [25 CC]
		0.04	0.11	0.18	0.36	0.60	1.00



Beam Angle (0-180) = 37.6  
Beam Angle (90-270) = 37.8

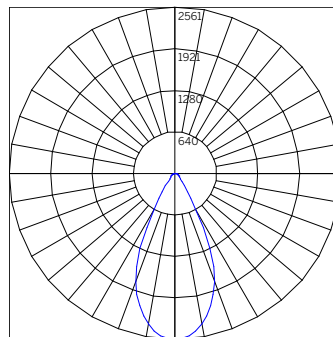
### CONE OF LIGHT - 25W 3000K Flood WAR-SWH-F-53-25-CC-92-30-FL\*

Mounting Height [Ft]	Illuminance [fc at max cd]	Beam Diameter [Ft]**
2	1093	1.4
4	273	2.7
6	121	4.1
8	68	5.4
10	44	6.8
12	30	8.2
14	22	9.5
16	17	10.9
18	13	12.3
20	11	13.6

### WAR-SWH-F-...-WFL...

Delivered Lumens - Wide Flood

		Diameter [Wattage]					
		14 [2 CC]	14 [4 CC]	17 [6 CC]	28 [10 CC]	39 [15 CC]	53 [25 CC]
CCT	92-27-	77	213	336	682	1147	1906
	92-30-	88	228	359	734	1227	2050
	92-35-	88	228	359	734	1227	2050
	92-40-	-	246	387	786	1320	2192
		Polar Plot / Cone Of Light Multiplier					
		14 [2 CC]	14 [4 CC]	17 [6 CC]	28 [10 CC]	39 [15 CC]	53 [25 CC]
		0.05	0.13	0.19	0.34	0.55	1.00



Beam Angle (0-180) = 50.2  
Beam Angle (90-270) = 50.0

### CONE OF LIGHT - 25W 3000K Wide Flood WAR-SWH-F-53-25-CC-92-30-WFL\*

Mounting Height [Ft]	Illuminance [fc at max cd]	Beam Diameter [Ft]**
2	639	1.9
4	160	3.7
6	71	5.6
8	40	7.5
10	26	9.4
12	18	11.2
14	13	13.1
16	10	15.0
18	8	16.9
20	6	18.7

\*Polar Plot and Cone of Light are applicable to part number noted; use Multiplication Factor table to approximate other models or refer to online photometry.

\*\* Beam Diameter indicates on center spacing required to maintain Illuminance at Mounting Height.

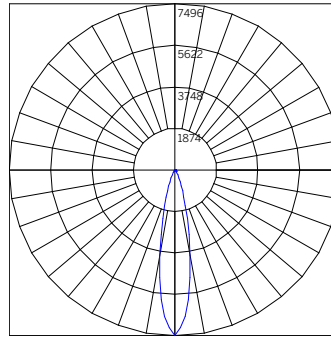
# Warp Fixed

## SQUARE FIXED HONEYCOMB

### WAR-SWH-FHC-...-SP...

Delivered Lumens - Spot

		Diameter [Wattage]					
		14 [2 CC]	14 [4 CC]	17 [6 CC]	28 [10 CC]	39 [15 CC]	53 [25 CC]
CCT	92-27-	64	194	270	423	1012	1392
	92-30-	72	208	289	457	1082	1495
	92-35-	72	208	289	457	1082	1495
	92-40-	-	224	312	490	1164	1600
		Polar Plot / Cone Of Light Multiplier					
		14 [2 CC]	14 [4 CC]	17 [6 CC]	28 [10 CC]	39 [15 CC]	53 [25 CC]
		0.05	0.14	0.19	0.31	0.72	1.00



Beam Angle (0-180) = 20.8  
Beam Angle (90-270) = 20.6

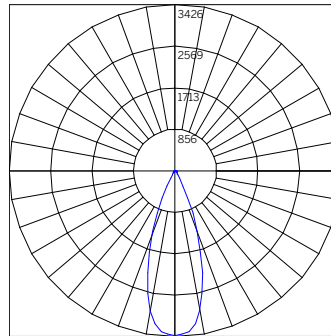
### CONE OF LIGHT - 25W 3000K Spot WAR-SWH-FHC-53-25-CC-92-30-SP\*

Mounting Height [Ft]	Illuminance [fc at max cd]	Beam Diameter [Ft]**
2	1874	0.7
4	469	1.5
6	208	2.2
8	117	2.9
10	75	3.7
12	52	4.4
14	38	5.1
16	29	5.9
18	23	6.6
20	19	7.3

### WAR-SWH-FHC-...-FL...

Delivered Lumens - Flood

		Diameter [Wattage]					
		14 [2 CC]	14 [4 CC]	17 [6 CC]	28 [10 CC]	39 [15 CC]	53 [25 CC]
CCT	92-27-	60	147	213	491	808	1309
	92-30-	67	158	228	529	864	1409
	92-35-	67	158	228	529	864	1409
	92-40-	-	170	246	568	929	1509
		Polar Plot / Cone Of Light Multiplier					
		14 [2 CC]	14 [4 CC]	17 [6 CC]	28 [10 CC]	39 [15 CC]	53 [25 CC]
		0.05	0.11	0.16	0.38	0.61	1.00



Beam Angle (0-180) = 35.6  
Beam Angle (90-270) = 35.6

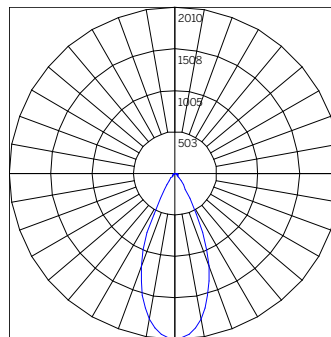
### CONE OF LIGHT - 25W 3000K Flood WAR-SWH-FHC-53-25-CC-92-30-FL\*

Mounting Height [Ft]	Illuminance [fc at max cd]	Beam Diameter [Ft]**
2	851	1.3
4	213	2.6
6	95	3.9
8	53	5.1
10	34	6.4
12	24	7.7
14	17	9.0
16	13	10.3
18	11	11.6
20	9	12.8

### WAR-SWH-FHC-...-FL...

Delivered Lumens - Wide Flood

		Diameter [Wattage]					
		14 [2 CC]	14 [4 CC]	17 [6 CC]	28 [10 CC]	39 [15 CC]	53 [25 CC]
CCT	92-27-	55	139	209	366	758	1158
	92-30-	63	149	224	395	811	1244
	92-35-	63	149	224	395	811	1244
	92-40-	-	160	241	424	873	1332
		Polar Plot / Cone Of Light Multiplier					
		14 [2 CC]	14 [4 CC]	17 [6 CC]	28 [10 CC]	39 [15 CC]	53 [25 CC]
		0.05	0.12	0.18	0.32	0.65	1.00



Beam Angle (0-180) = 45.8  
Beam Angle (90-270) = 45.0

### CONE OF LIGHT - 25W 3000K Wide Flood WAR-SWH-FHC-53-25-CC-92-30-WFL\*

Mounting Height [Ft]	Illuminance [fc at max cd]	Beam Diameter [Ft]**
2	503	1.7
4	126	3.4
6	56	5.1
8	31	6.8
10	20	8.4
12	14	10.1
14	10	11.8
16	8	13.5
18	6	15.2
20	5	16.9

\*Polar Plot and Cone of Light are applicable to part number noted; use Multiplication Factor table to approximate other models or refer to online photometry.

\*\* Beam Diameter indicates on center spacing required to maintain Illuminance at Mounting Height.