SUELO Fixed Optics Vandal Resistant

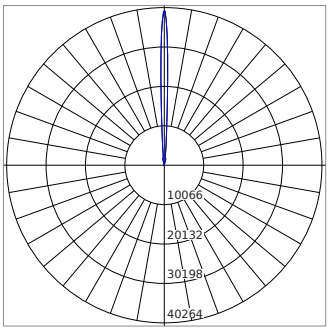
inter•lux

FIXED OPTICS VANDAL RESISTANT

SUR-SFSTVR-F-...-HSP...
Delivered Lumens - Hyper Spot

		Diameter [Wattage]		
		44 [2 CC]	44 [3 CV]	63 [7 CC]
CCT	27	148	148	540
	30	151	151	579
	40	171	171	615

	Polar Plot / Cone Of Light Multiplier		
	44 [2 CC]	44 [3 CV]	63 [7 CC]
	0.26	0.26	1.00



Beam Angle (0-180) = 3.8°
Beam Angle (90-270) = 3.8°

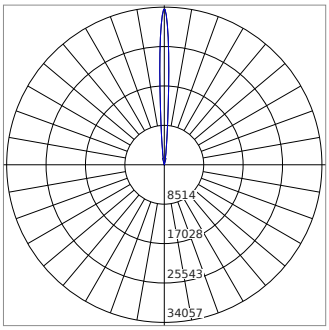
CONE OF LIGHT - 7W 3000K Hyper Spot
SUR-SFSTVR-F-63-7-CC-30-HSP*

Throw Distance [Ft]	Illuminance [fc at max cd]	Beam Diameter [Ft]
20	101	1.3
18	124	1.2
16	157	1.1
14	205	0.9
12	280	0.8
10	403	0.7
8	629	0.5
6	1118	0.4
4	2517	0.3
2	10066	0.1

SUR-SFSTVR-F-...-USP...
Delivered Lumens - Ultra Spot

		Diameter [Wattage]		
		44 [2 CC]	44 [3 CV]	63 [11 CC]
CCT	27			612
	30			656
	40			701

	Polar Plot / Cone Of Light Multiplier		
	44 [2 CC]	44 [3 CV]	63 [11 CC]
			1.00



Beam Angle (0-180) = 4.6°
Beam Angle (90-270) = 5.2°

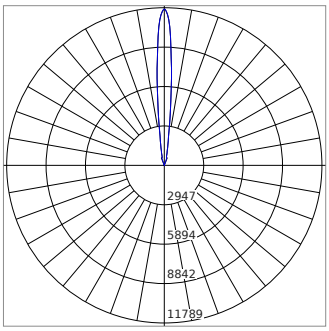
CONE OF LIGHT - 11W 3000K Ultra Spot
SUR-SFSTVR-F-63-11-CC-30-USP*

Throw Distance [Ft]	Illuminance [fc at max cd]	Beam Diameter [Ft]
20	85	1.6
18	105	1.4
16	133	1.3
14	174	1.1
12	237	1.0
10	341	0.8
8	532	0.6
6	946	0.5
4	2129	0.3
2	8514	0.2

SUR-SFSTVR-F-...-NSP...
Delivered Lumens - Narrow Spot

		Diameter [Wattage]		
		44 [8 CC]	44 [9 CV]	63 [10 CC]
CCT	27	613	613	
	30	613	613	
	40	662	662	

	Polar Plot / Cone Of Light Multiplier		
	44 [8 CC]	44 [9 CV]	63 [10 CC]
	1.00	1.00	



Beam Angle (0-180) = 9.2°
Beam Angle (90-270) = 9.4°

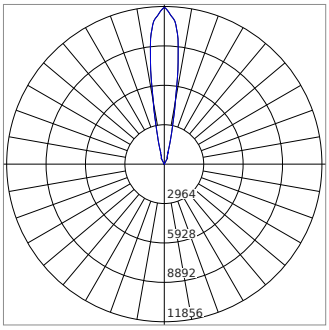
CONE OF LIGHT - 8W 3000K Narrow Spot
SUR-SFSTVR-F-44-8-CC-30-NSP*

Throw Distance [Ft]	Illuminance [fc at max cd]	Beam Diameter [Ft]
20	29	3.2
18	36	2.9
16	46	2.6
14	60	2.3
12	82	1.9
10	118	1.6
8	184	1.3
6	327	1.0
4	737	0.6
2	2947	0.3

SUR-SFSTVR-F-...-SP...
Delivered Lumens - Spot

		Diameter [Wattage]		
		44 [8 CC]	44 [9 CV]	63 [10 CC]
CCT	27	964	886	1297
	30	1007	926	1353
	40	1033	949	1387

	Polar Plot / Cone Of Light Multiplier		
	44 [8 CC]	44 [9 CV]	63 [10 CC]
	0.74	0.68	1.00



Beam Angle (0-180) = 17.4°
Beam Angle (90-270) = 17.4°

CONE OF LIGHT - 10W 3000K Spot
SUR-SFSTVR-F-63-10-CC-30-SP*

Throw Distance [Ft]	Illuminance [fc at max cd]	Beam Diameter [Ft]
20	30	6.1
18	37	5.5
16	46	4.9
14	60	4.3
12	82	3.7
10	119	3.1
8	185	2.4
6	329	1.8
4	741	1.2
2	2964	0.6

*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.

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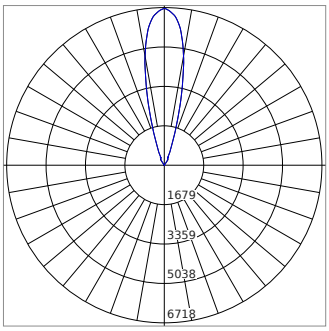
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FIXED OPTICS VANDAL RESISTANT

SUR-SFSTVR-F-...-NFL...
Delivered Lumens - Narrow Flood

		Diameter [Wattage]		
		44 [8 CC]	44 [9 CV]	63 [10 CC]
CCT	27	987	907	1351
	30	1031	948	1410
	40	1057	972	1445

	Polar Plot / Cone Of Light Multiplier		
	44 [8 CC]	44 [9 CV]	63 [10 CC]
	0.73	0.67	1.00



Beam Angle (0-180) = 25.4°
Beam Angle (90-270) = 25.2°

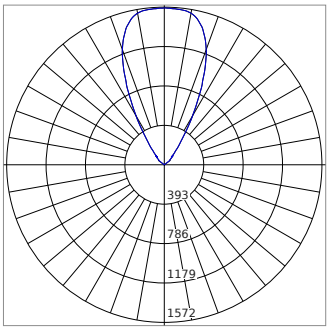
CONE OF LIGHT - 10W 3000K Narrow Flood
SUR-SFSTVR-F-63-10-CC-30-NFL*

Throw Distance [Ft]	Illuminance [fc at max cd]	Beam Diameter [Ft]
20	17	9.0
18	21	8.1
16	26	7.2
14	34	6.3
12	47	5.4
10	67	4.5
8	105	3.6
6	187	2.7
4	420	1.8
2	1680	0.9

SUR-SFSTVR-F-...-WFL...
Delivered Lumens - Wide Flood

		Diameter [Wattage]		
		44 [8 CC]	44 [9 CV]	63 [10 CC]
CCT	27	975	895	1185
	30	1018	936	1237
	40	1044	959	1268

	Polar Plot / Cone Of Light Multiplier		
	44 [8 CC]	44 [9 CV]	63 [10 CC]
	0.82	0.76	1.00



Beam Angle (0-180) = 52.0°
Beam Angle (90-270) = 52.2°

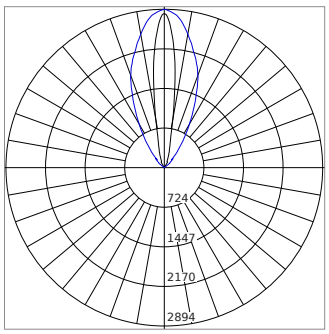
CONE OF LIGHT - 10W 3000K Wide Flood
SUR-SFSTVR-F-63-10-CC-30-WFL*

Throw Distance [Ft]	Illuminance [fc at max cd]	Beam Diameter [Ft]
20	4	19.5
18	5	17.6
16	6	15.6
14	8	13.7
12	11	11.7
10	16	9.8
8	25	7.8
6	44	5.9
4	98	3.9
2	393	2.0

SUR-SFSTVR-F-...-ELSP...
Delivered Lumens - Ellip. Spot

		Diameter [Wattage]		
		44 [8 CC]	44 [9 CV]	63 [10 CC]
CCT	27	773	710	
	30	807	742	
	40	828	761	

	Polar Plot / Cone Of Light Multiplier		
	44 [8 CC]	44 [9 CV]	63 [10 CC]
	1.00	0.92	



Beam Angle (0-180) = 14.8°
Beam Angle (90-270) = 47.2°

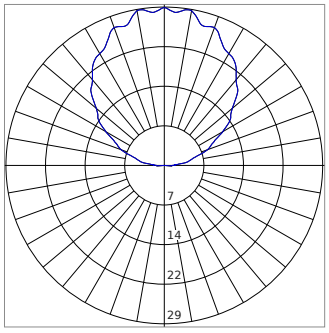
CONE OF LIGHT - 8W 3000K Ellip. Spot
SUR-SFSTVR-F-44-8-CC-30-ELSP*

Throw Distance [Ft]	Illuminance [fc at max cd]	Beam Diameter [Ft]
20	7	5.2
18	9	4.7
16	11	4.2
14	15	3.6
12	20	3.1
10	29	2.6
8	45	2.1
6	80	1.6
4	181	1.0
2	724	0.5

SUR-SFSTVR-F-...-DI...
Delivered Lumens - Diffused/Frosted

		Diameter [Wattage]		
		44 [8 CC]	44 [9 CV]	63 [10 CC]
CCT	27	79	73	
	30	83	76	
	40	85	78	

	Polar Plot / Cone Of Light Multiplier		
	44 [8 CC]	44 [9 CV]	63 [10 CC]
	1.00	0.92	



Beam Angle (0-180) = 112.0°
Beam Angle (90-270) = 112.0°

CONE OF LIGHT - 8W 3000K Diffused/Frosted
SUR-SFSTVR-F-44-8-CC-30-DI*

Throw Distance [Ft]	Illuminance [fc at max cd]	Beam Diameter [Ft]
20	0	59.3
18	0	53.4
16	0	47.4
14	0	41.5
12	0	35.6
10	0	29.7
8	0	23.7
6	1	17.8
4	2	11.9
2	7	5.9

*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.

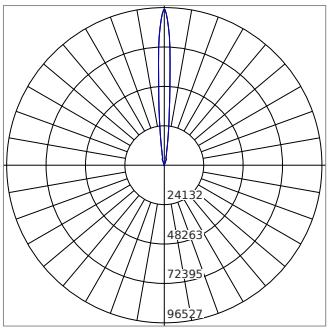
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FIXED OPTICS VANDAL RESISTANT

SUR-SFSTVR-F-...-NSP...
Delivered Lumens - Narrow Spot

		Diameter [Wattage]	
		73 [22 ID]	124 [48 ID]
CCT	27		3161
	30		3161
	40		3413
		Polar Plot / Cone Of Light Multiplier	
		73 [22 ID]	124 [48 ID]
			1.00



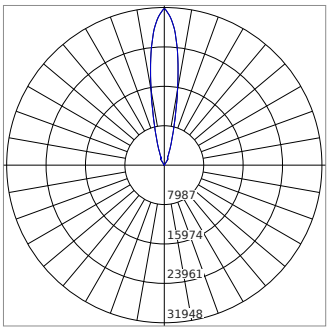
Beam Angle (0-180) = 7.2°
Beam Angle (90-270) = 7.6°

CONE OF LIGHT - 48W 3000K Narrow Spot
SUR-SFSTVR-F-124-48-ID-30-NSP*

Throw Distance [Ft]	Illuminance [fc at max cd]	Beam Diameter [Ft]
20	241	2.5
18	298	2.3
16	377	2.0
14	492	1.8
12	670	1.5
10	965	1.3
8	1508	1.0
6	2681	0.8
4	6033	0.5
2	24132	0.3

SUR-SFSTVR-F-...-SP...
Delivered Lumens - Spot

		Diameter [Wattage]	
		73 [22 ID]	124 [48 ID]
CCT	27	2350	4470
	30	2448	4603
	40	2475	4781
		Polar Plot / Cone Of Light Multiplier	
		73 [22 ID]	124 [48 ID]
		0.53	1.00



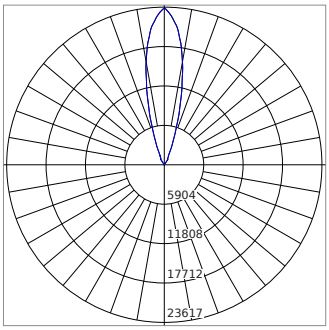
Beam Angle (0-180) = 18.8°
Beam Angle (90-270) = 18.6°

CONE OF LIGHT - 48W 3000K Spot
SUR-SFSTVR-F-124-48-ID-30-SP*

Throw Distance [Ft]	Illuminance [fc at max cd]	Beam Diameter [Ft]
20	80	6.6
18	99	6.0
16	125	5.3
14	163	4.6
12	222	4.0
10	319	3.3
8	499	2.6
6	887	2.0
4	1997	1.3
2	7987	0.7

SUR-SFSTVR-F-...-NFL...
Delivered Lumens - Narrow Flood

		Diameter [Wattage]	
		73 [22 ID]	124 [48 ID]
CCT	27		4461
	30		4595
	40		4772
		Polar Plot / Cone Of Light Multiplier	
		73 [22 ID]	124 [48 ID]
			1.00



Beam Angle (0-180) = 23.8°
Beam Angle (90-270) = 25.0°

CONE OF LIGHT - 48W 3000K Narrow Flood
SUR-SFSTVR-F-124-48-ID-30-NFL*

Throw Distance [Ft]	Illuminance [fc at max cd]	Beam Diameter [Ft]
20	59	8.4
18	73	7.6
16	92	6.7
14	120	5.9
12	164	5.1
10	236	4.2
8	369	3.4
6	656	2.5
4	1476	1.7
2	5904	0.8

*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.

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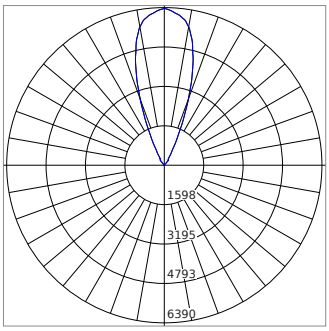
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FIXED OPTICS VANDAL RESISTANT

SUR-SFSTVR-F-...-FL...
Delivered Lumens - Flood

		Diameter [Wattage]	
		73 [22 ID]	124 [48 ID]
CCT	27	2340	
	30	2438	
	40	2465	

	Polar Plot / Cone Of Light Multiplier	
	73 [22 ID]	124 [48 ID]
	1.00	



Beam Angle (0-180) = 37.0°
Beam Angle (90-270) = 37.2°

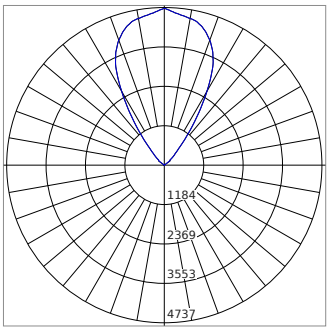
CONE OF LIGHT - 22W 3000K Flood
SUR-SFSTVR-F-73-22-ID-30-FL*

Throw Distance [Ft]	Illuminance [fc at max cd]	Beam Diameter [Ft]
20	16	13.4
18	20	12.0
16	25	10.7
14	33	9.4
12	44	8.0
10	64	6.7
8	100	5.4
6	178	4.0
4	399	2.7
2	1598	1.3

SUR-SFSTVR-F-...-WFL...
Delivered Lumens - Wide Flood

		Diameter [Wattage]	
		73 [22 ID]	124 [48 ID]
CCT	27	2187	4290
	30	2278	4413
	40	2303	4582

	Polar Plot / Cone Of Light Multiplier	
	73 [22 ID]	124 [48 ID]
	0.52	1.00



Beam Angle (0-180) = 61.2°
Beam Angle (90-270) = 60.8°

CONE OF LIGHT - 48W 3000K Wide Flood
SUR-SFSTVR-F-124-48-ID-30-WFL*

Throw Distance [Ft]	Illuminance [fc at max cd]	Beam Diameter [Ft]
20	12	23.7
18	15	21.3
16	19	18.9
14	24	16.6
12	33	14.2
10	47	11.8
8	74	9.5
6	132	7.1
4	296	4.7
2	1185	2.4

*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.

SUELO Fixed Optics Vandal Resistant

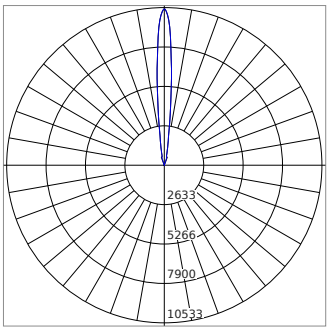
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FIXED OPTICS VANDAL RESISTANT - HC HONEYCOMB LOUVER

SUR-SFSTVR-FHC-...-NSP-...
Delivered Lumens - Narrow Spot

		Diameter [Wattage]		
		44 [8 CC]	44 [9 CV]	63 [10 CC]
CCT	27	469	469	–
	30	469	469	–
	40	507	507	–

	Polar Plot / Cone Of Light Multiplier		
	44 [8 CC]	44 [9 CV]	63 [10 CC]
	1.00	1.00	–



Beam Angle (0-180) = 9.2°
Beam Angle (90-270) = 9.0°

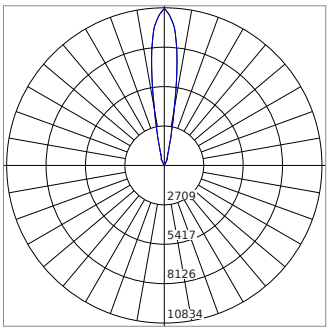
CONE OF LIGHT - 8W 3000K Narrow Spot
SUR-SFSTVR-FHC-44-8-CC-30-NSP*

Throw Distance [Ft]	Illuminance [fc at max cd]	Beam Diameter [Ft]
20	26	3.2
18	33	2.9
16	41	2.6
14	54	2.3
12	73	1.9
10	105	1.6
8	165	1.3
6	293	1.0
4	658	0.6
2	2633	0.3

SUR-SFSTVR-FHC-...-SP-...
Delivered Lumens - Spot

		Diameter [Wattage]		
		44 [8 CC]	44 [9 CV]	63 [10 CC]
CCT	27	764	701	1035
	30	798	733	1081
	40	818	752	1107

	Polar Plot / Cone Of Light Multiplier		
	44 [8 CC]	44 [9 CV]	63 [10 CC]
	0.74	0.68	1.00



Beam Angle (0-180) = 16.4°
Beam Angle (90-270) = 16.4°

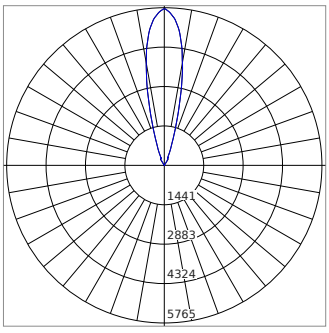
CONE OF LIGHT - 10W 3000K Spot
SUR-SFSTVR-FHC-63-10-CC-30-SP*

Throw Distance [Ft]	Illuminance [fc at max cd]	Beam Diameter [Ft]
20	27	5.8
18	33	5.2
16	42	4.6
14	55	4.0
12	75	3.5
10	108	2.9
8	169	2.3
6	301	1.7
4	677	1.2
2	2709	0.6

SUR-SFSTVR-FHC-...-NFL-...
Delivered Lumens - Narrow Flood

		Diameter [Wattage]		
		44 [8 CC]	44 [9 CV]	63 [10 CC]
CCT	27	769	706	1020
	30	803	738	1065
	40	824	757	1090

	Polar Plot / Cone Of Light Multiplier		
	44 [8 CC]	44 [9 CV]	63 [10 CC]
	0.75	0.69	1.00



Beam Angle (0-180) = 23.6°
Beam Angle (90-270) = 24.0°

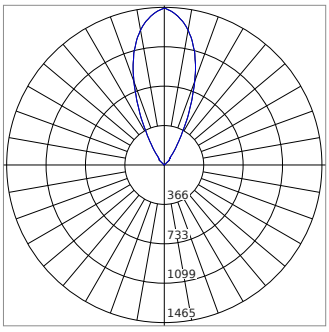
CONE OF LIGHT - 10W 3000K Narrow Flood
SUR-SFSTVR-FHC-63-10-CC-30-NFL*

Throw Distance [Ft]	Illuminance [fc at max cd]	Beam Diameter [Ft]
20	14	8.4
18	18	7.5
16	23	6.7
14	29	5.8
12	40	5.0
10	58	4.2
8	90	3.3
6	160	2.5
4	360	1.7
2	1442	0.8

SUR-SFSTVR-FHC-...-MWFL-...
Delivered Lumens - Medium Wide Flood

		Diameter [Wattage]		
		44 [8 CC]	44 [9 CV]	63 [10 CC]
CCT	27	661	607	732
	30	691	635	765
	40	708	651	783

	Polar Plot / Cone Of Light Multiplier		
	44 [8 CC]	44 [9 CV]	63 [10 CC]
	0.90	0.83	1.00



Beam Angle (0-180) = 41.8°
Beam Angle (90-270) = 42.4°

CONE OF LIGHT - 10W 3000K
Medium Wide Flood
SUR-SFSTVR-FHC-63-10-CC-30-MWFL*

Throw Distance [Ft]	Illuminance [fc at max cd]	Beam Diameter [Ft]
20	4	15.3
18	5	13.7
16	6	12.2
14	7	10.7
12	10	9.2
10	15	7.6
8	23	6.1
6	41	4.6
4	92	3.1
2	367	1.5

*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.

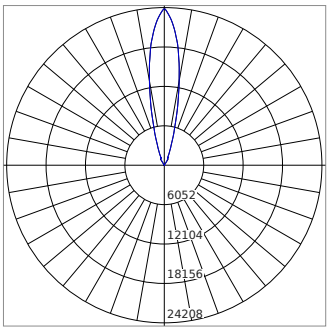
SUELO Fixed Optics Vandal Resistant

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FIXED OPTICS VANDAL RESISTANT - HC HONEYCOMB LOUVER

SUR-SFSTVR-FHC-...-SP-...
Delivered Lumens - Spot

		Diameter [Wattage]	
		73 [22 ID]	124 [48 ID]
CCT	27	1908	3325
	30	1985	3424
	40	2009	3549
		Polar Plot / Cone Of Light Multiplier	
		73 [22 ID]	124 [48 ID]
		0.58	1.00



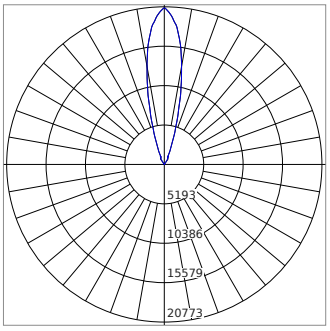
Beam Angle (0-180) = 17.4°
Beam Angle (90-270) = 20.4°

CONE OF LIGHT - 48W 3000K Spot
SUR-SFSTVR-FHC-124-48-ID-30-SP*

Throw Distance [Ft]	Illuminance [fc at max cd]	Beam Diameter [Ft]
20	61	6.1
18	75	5.5
16	95	4.9
14	124	4.3
12	168	3.7
10	242	3.1
8	378	2.4
6	672	1.8
4	1513	1.2
2	6052	0.6

SUR-SFSTVR-FHC-...-NFL-...
Delivered Lumens - Narrow Flood

		Diameter [Wattage]	
		73 [22 ID]	124 [48 ID]
CCT	27	–	3459
	30	–	3559
	40	–	3689
		Polar Plot / Cone Of Light Multiplier	
		73 [22 ID]	124 [48 ID]
		–	1.00



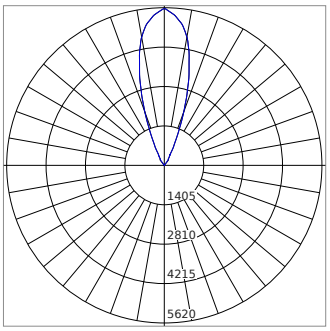
Beam Angle (0-180) = 22.2°
Beam Angle (90-270) = 23.8°

CONE OF LIGHT - 48W 3000K Narrow Flood
SUR-SFSTVR-FHC-124-48-ID-30-NFL*

Throw Distance [Ft]	Illuminance [fc at max cd]	Beam Diameter [Ft]
20	52	7.8
18	64	7.1
16	81	6.3
14	106	5.5
12	144	4.7
10	208	3.9
8	325	3.1
6	577	2.4
4	1298	1.6
2	5193	0.8

SUR-SFSTVR-FHC-...-FL-...
Delivered Lumens - Flood

		Diameter [Wattage]	
		73 [22 ID]	124 [48 ID]
CCT	27	1737	–
	30	1810	–
	40	1830	–
		Polar Plot / Cone Of Light Multiplier	
		73 [22 ID]	124 [48 ID]
		1.00	–



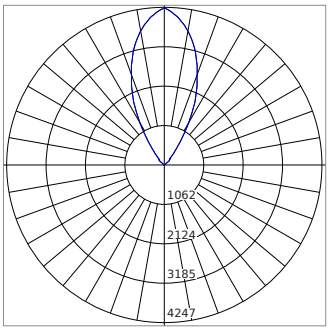
Beam Angle (0-180) = 33.6°
Beam Angle (90-270) = 33.4°

CONE OF LIGHT - 22W 3000K Flood
SUR-SFSTVR-FHC-73-22-ID-30-FL*

Throw Distance [Ft]	Illuminance [fc at max cd]	Beam Diameter [Ft]
20	14	12.1
18	17	10.9
16	22	9.7
14	29	8.5
12	39	7.2
10	56	6.0
8	88	4.8
6	156	3.6
4	351	2.4
2	1405	1.2

SUR-SFSTVR-FHC-...-MWFL-...
Delivered Lumens - Medium Wide Flood

		Diameter [Wattage]	
		73 [22 ID]	124 [48 ID]
CCT	27	1478	2565
	30	1540	2640
	40	1556	2742
		Polar Plot / Cone Of Light Multiplier	
		73 [22 ID]	124 [48 ID]
		0.58	1.00



Beam Angle (0-180) = 49.4°
Beam Angle (90-270) = 47.2°

CONE OF LIGHT - 48W 3000K
Medium Wide Flood
SUR-SFSTVR-FHC-124-48-ID-30-MWFL*

Throw Distance [Ft]	Illuminance [fc at max cd]	Beam Diameter [Ft]
20	11	18.4
18	13	16.6
16	17	14.7
14	22	12.9
12	30	11.0
10	42	9.2
8	66	7.4
6	118	5.5
4	266	3.7
2	1062	1.8

*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.

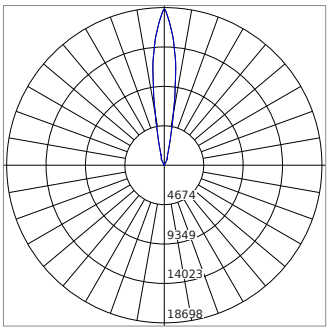
SUELO Fixed Optics Vandal Resistant

inter•lux

FIXED OPTICS VANDAL RESISTANT - DL DARKLIGHT

SUR-SFSTVR-FDL-...-SP-...
Delivered Lumens - Spot

		Diameter [Wattage]
		73 [22 ID]
CCT	27	1582
	30	1647
	40	1668
		Polar Plot / Cone Of Light Multiplier
		73 [22 ID]
		1.00



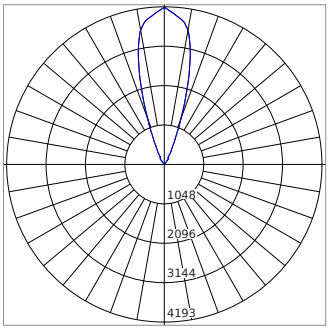
Beam Angle (0-180) = 14.8°
Beam Angle (90-270) = 15.2°

CONE OF LIGHT - 22W 3000K Spot
SUR-SFSTVR-FDL-73-22-ID-30-SP*

Throw Distance [Ft]	Illuminance [fc at max cd]	Beam Diameter [Ft]
20	47	5.2
18	58	4.7
16	73	4.2
14	95	3.6
12	130	3.1
10	187	2.6
8	292	2.1
6	519	1.6
4	1169	1.0
2	4675	0.5

SUR-SFSTVR-FDL-...-FL-...
Delivered Lumens - Flood

		Diameter [Wattage]
		73 [22 ID]
CCT	27	1248
	30	1299
	40	1314
		Polar Plot / Cone Of Light Multiplier
		73 [22 ID]
		1.00



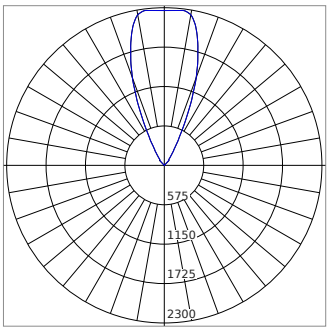
Beam Angle (0-180) = 33.0°
Beam Angle (90-270) = 32.8°

CONE OF LIGHT - 22W 3000K Flood
SUR-SFSTVR-FDL-73-22-ID-30-FL*

Throw Distance [Ft]	Illuminance [fc at max cd]	Beam Diameter [Ft]
20	10	11.8
18	13	10.7
16	16	9.5
14	21	8.3
12	29	7.1
10	42	5.9
8	66	4.7
6	116	3.6
4	262	2.4
2	1048	1.2

SUR-SFSTVR-FDL-...-MWFL-...
Delivered Lumens - Medium Wide Flood

		Diameter [Wattage]
		73 [22 ID]
CCT	27	1101
	30	1146
	40	1160
		Polar Plot / Cone Of Light Multiplier
		73 [22 ID]
		1.00



Beam Angle (0-180) = 42.4°
Beam Angle (90-270) = 42.6°

CONE OF LIGHT - 22W 3000K
Medium Wide Flood
SUR-SFSTVR-FDL-73-22-ID-30-MWFL*

Throw Distance [Ft]	Illuminance [fc at max cd]	Beam Diameter [Ft]
20	6	15.5
18	7	14.0
16	9	12.4
14	12	10.9
12	16	9.3
10	23	7.8
8	36	6.2
6	63	4.7
4	142	3.1
2	569	1.6

*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.