SUELO Fixed Optics

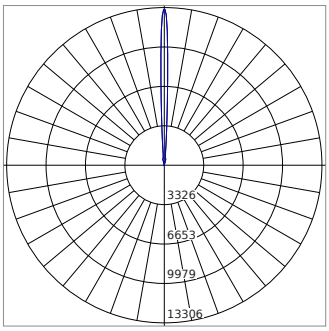
inter•lux

FIXED OPTICS

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

		Diameter [Wattage]			
		25 [2 CC]	25 [3 CV]	35 [2 CC]	35 [3 CV]
CCT	27	–	–	148	148
	30	–	–	151	151
	40	–	–	171	171

	Polar Plot / Cone Of Light Multiplier			
	25 [2 CC]	25 [3 CV]	35 [2 CC]	35 [3 CV]
	–	–	1.00	1.00



Beam Angle (0-180) = 3.6°
Beam Angle (90-270) = 3.6°

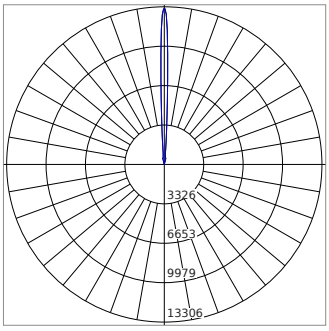
CONE OF LIGHT - 2W 3000K Hyper Spot
SUR-SFST-F-35-2-CC-30-HSP*

Throw Distance [Ft]	Illuminance [fc at max cd]	Beam Diameter [Ft]
20	33	1.3
18	41	1.1
16	52	1.0
14	68	0.9
12	92	0.8
10	133	0.6
8	208	0.5
6	370	0.4
4	832	0.3
2	3327	0.1

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

		Diameter [Wattage]			
		25 [2 CC]	25 [3 CV]	35 [2 CC]	35 [3 CV]
CCT	27	158	158	–	–
	30	160	160	–	–
	40	182	182	–	–

	Polar Plot / Cone Of Light Multiplier			
	25 [2 CC]	25 [3 CV]	35 [2 CC]	35 [3 CV]
	1.00	1.00	–	–



Beam Angle (0-180) = 4.4°
Beam Angle (90-270) = 4.4°

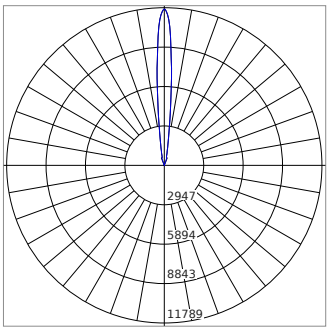
CONE OF LIGHT - 2W 3000K Ultra Spot
SUR-SFST-F-25-2-CC-30-USP*

Throw Distance [Ft]	Illuminance [fc at max cd]	Beam Diameter [Ft]
20	27	1.5
18	33	1.4
16	41	1.2
14	54	1.1
12	74	0.9
10	106	0.8
8	166	0.6
6	295	0.5
4	663	0.3
2	2652	0.2

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

		Diameter [Wattage]			
		25 [5 CC]	25 [5 CV]	35 [8 CC]	35 [9 CV]
CCT	27	–	–	613	613
	30	–	–	613	613
	40	–	–	662	662

	Polar Plot / Cone Of Light Multiplier			
	25 [5 CC]	25 [5 CV]	35 [8 CC]	35 [9 CV]
	–	–	1.00	1.00



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

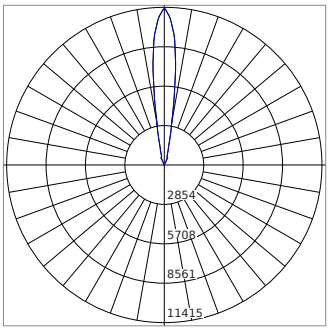
CONE OF LIGHT - 8W 3000K Narrow Spot
SUR-SFST-F-35-8-CC-30-NSP*

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-SFST-F-...-SP-...
Delivered Lumens - Spot

		Diameter [Wattage]			
		25 [5 CC]	25 [5 CV]	35 [8 CC]	35 [9 CV]
CCT	27	394	394	964	886
	30	411	411	1007	926
	40	434	434	1033	949

	Polar Plot / Cone Of Light Multiplier			
	25 [5 CC]	25 [5 CV]	35 [8 CC]	35 [9 CV]
	0.41	0.41	1.00	0.92



Beam Angle (0-180) = 14.8°
Beam Angle (90-270) = 14.6°

CONE OF LIGHT - 8W 3000K Spot
SUR-SFST-F-35-8-CC-30-SP*

Throw Distance [Ft]	Illuminance [fc at max cd]	Beam Diameter [Ft]
20	29	5.2
18	35	4.7
16	45	4.2
14	58	3.6
12	79	3.1
10	114	2.6
8	178	2.1
6	317	1.6
4	714	1.0
2	2854	0.5

*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

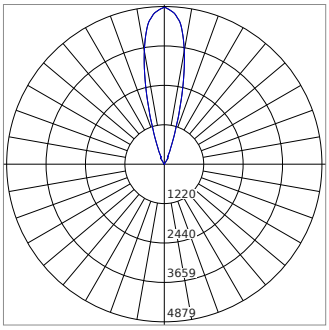
inter•lux

FIXED OPTICS

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

		Diameter [Wattage]			
		25 [5 CC]	25 [5 CV]	35 [8 CC]	35 [9 CV]
CCT	27	345	345	987	907
	30	359	359	1031	948
	40	379	379	1057	972

	Polar Plot / Cone Of Light Multiplier			
	25 [5 CC]	25 [5 CV]	35 [8 CC]	35 [9 CV]
	0.35	0.35	1.00	0.92



Beam Angle (0-180) = 26.2°
Beam Angle (90-270) = 26.2°

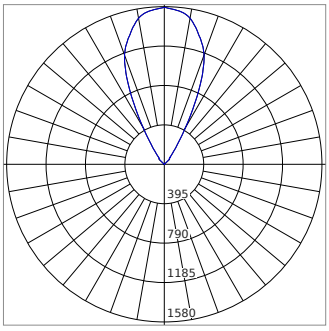
CONE OF LIGHT - 8W 3000K Narrow Flood
SUR-SFST-F-35-8-CC-30-NFL*

Throw Distance [Ft]	Illuminance [fc at max cd]	Beam Diameter [Ft]
20	12	9.3
18	15	8.4
16	19	7.4
14	25	6.5
12	34	5.6
10	49	4.7
8	76	3.7
6	136	2.8
4	305	1.9
2	1220	0.9

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

		Diameter [Wattage]			
		25 [5 CC]	25 [5 CV]	35 [8 CC]	35 [9 CV]
CCT	27	312	312	975	895
	30	325	325	1018	936
	40	344	344	1044	959

	Polar Plot / Cone Of Light Multiplier			
	25 [5 CC]	25 [5 CV]	35 [8 CC]	35 [9 CV]
	0.32	0.32	1.00	0.92



Beam Angle (0-180) = 50.0°
Beam Angle (90-270) = 49.6°

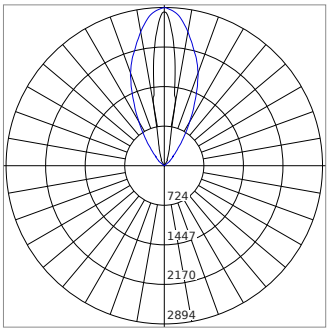
CONE OF LIGHT - 8W 3000K Wide Flood
SUR-SFST-F-35-8-CC-30-WFL*

Throw Distance [Ft]	Illuminance [fc at max cd]	Beam Diameter [Ft]
20	4	18.7
18	5	16.8
16	6	14.9
14	8	13.1
12	11	11.2
10	16	9.3
8	25	7.5
6	44	5.6
4	99	3.7
2	395	1.9

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

		Diameter [Wattage]			
		25 [5 CC]	25 [5 CV]	35 [8 CC]	35 [9 CV]
CCT	27	–	–	773	710
	30	–	–	807	742
	40	–	–	828	761

	Polar Plot / Cone Of Light Multiplier			
	25 [5 CC]	25 [5 CV]	35 [8 CC]	35 [9 CV]
	–	–	1.00	0.92



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

CONE OF LIGHT - 8W 3000K Ellip. Spot
SUR-SFST-F-35-8-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

*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

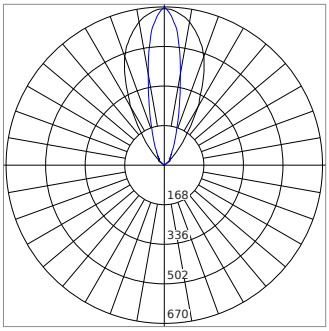
inter•lux

FIXED OPTICS

SUR-SFST-F-...-ELNFL-...
Delivered Lumens - Ellip. Narrow Flood

		Diameter [Wattage]			
		25 [5 CC]	25 [5 CV]	35 [8 CC]	35 [9 CV]
CCT	27	329	329	–	–
	30	343	343	–	–
	40	362	362	–	–

	Polar Plot / Cone Of Light Multiplier			
	25 [5 CC]	25 [5 CV]	35 [8 CC]	35 [9 CV]
	1.00	1.00	–	–



Beam Angle (0-180) = 54.2°
Beam Angle (90-270) = 22.8°

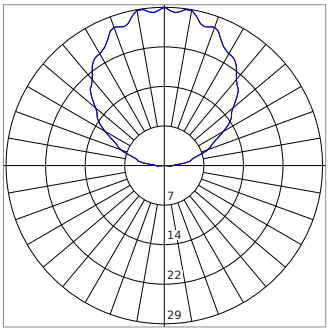
CONE OF LIGHT - 5W 3000K Ellip.
Narrow Flood
SUR-SFST-F-25-5-CC-30-ELNFL*

Throw Distance [Ft]	Illuminance [fc at max cd]	Beam Diameter [Ft]
20	2	20.5
18	2	18.4
16	3	16.4
14	3	14.3
12	5	12.3
10	7	10.2
8	10	8.2
6	19	6.1
4	42	4.1
2	168	2.0

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

		Diameter [Wattage]			
		25 [5 CC]	25 [5 CV]	35 [8 CC]	35 [9 CV]
CCT	27	118	118	79	73
	30	123	123	83	76
	40	130	130	85	78

	Polar Plot / Cone Of Light Multiplier			
	25 [5 CC]	25 [5 CV]	35 [8 CC]	35 [9 CV]
	1.48	1.48	1.00	0.92



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

CONE OF LIGHT - 8W 3000K
Diffused/Frosted
SUR-SFST-F-35-8-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.

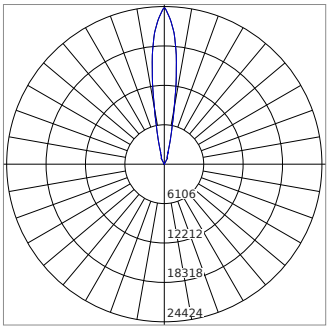
SUELO Fixed Optics

inter•lux

FIXED OPTICS

SUR-SFST-F-...-SP...
DELIVERED LUMENS - Spot

		Diameter [Wattage]
		73 [22 ID]
CCT	27	2350
	30	2448
	40	2475
		Polar Plot / Cone Of Light Multiplier
		73 [22 ID]
		1.00



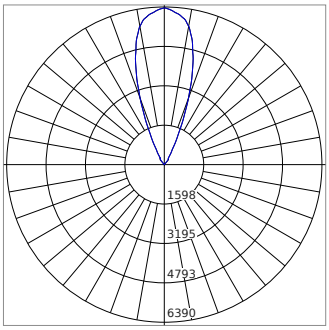
Beam Angle (0-180) = 15.8°
Beam Angle (90-270) = 16.0°

CONE OF LIGHT - 22W 3000K Spot
SUR-SFST-F-73-22-ID-30-SP*

Throw Distance [Ft]	Illuminance [fc at max cd]	Beam Diameter [Ft]
20	61	5.6
18	75	5.0
16	95	4.4
14	125	3.9
12	170	3.3
10	244	2.8
8	382	2.2
6	678	1.7
4	1527	1.1
2	6106	0.6

SUR-SFST-F-...-FL...
DELIVERED LUMENS - Flood

		Diameter [Wattage]
		73 [22 ID]
CCT	27	2340
	30	2438
	40	2465
		Polar Plot / Cone Of Light Multiplier
		73 [22 ID]
		1.00



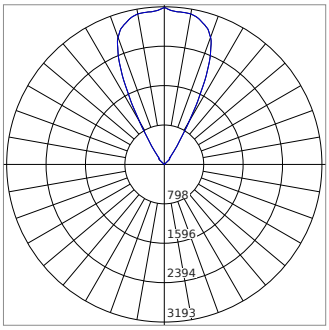
Beam Angle (0-180) = 37.0°
Beam Angle (90-270) = 37.2°

CONE OF LIGHT - 22W 3000K Flood
SUR-SFST-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-SFST-F-...-WFL...
DELIVERED LUMENS - Wide Flood

		Diameter [Wattage]
		73 [22 ID]
CCT	27	2187
	30	2278
	40	2303
		Polar Plot / Cone Of Light Multiplier
		73 [22 ID]
		1.00



Beam Angle (0-180) = 52.2°
Beam Angle (90-270) = 53.2°

CONE OF LIGHT - 22W 3000K Wide Flood
SUR-SFST-F-73-22-ID-30-WFL*

Throw Distance [Ft]	Illuminance [fc at max cd]	Beam Diameter [Ft]
20	8	19.6
18	10	17.6
16	12	15.7
14	16	13.7
12	22	11.8
10	32	9.8
8	50	7.8
6	89	5.9
4	200	3.9
2	798	2.0

*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

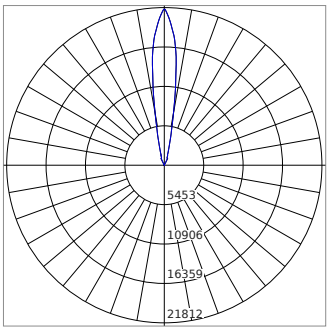
inter•lux

FIXED OPTICS - HC HONEYCOMB LOUVER

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

		Diameter [Wattage]			
		25 [5 CC]	25 [5 CV]	35 [8 CC]	35 [9 CV]
CCT	27	–	–	469	469
	30	–	–	469	469
	40	–	–	507	507

	Polar Plot / Cone Of Light Multiplier			
	25 [5 CC]	25 [5 CV]	35 [8 CC]	35 [9 CV]
	–	–	1.00	1.00



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

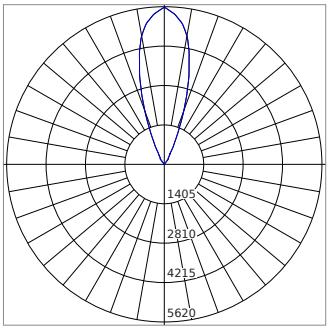
CONE OF LIGHT - 8W 3000K Narrow Spot
SUR-SFST-FHC-35-8-CC-30-NSP*

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-SFST-FHC-...-SP-...
Delivered Lumens - Spot

		Diameter [Wattage]			
		25 [5 CC]	25 [5 CV]	35 [8 CC]	35 [9 CV]
CCT	27	253	253	764	701
	30	263	263	798	733
	40	278	278	818	752

	Polar Plot / Cone Of Light Multiplier			
	25 [5 CC]	25 [5 CV]	35 [8 CC]	35 [9 CV]
	0.33	0.33	1.00	0.92



Beam Angle (0-180) = 13.8°
Beam Angle (90-270) = 13.8°

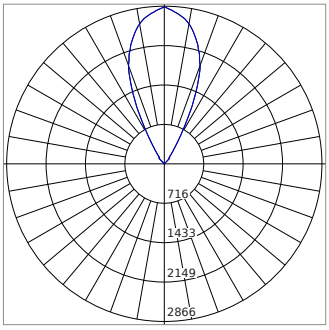
CONE OF LIGHT - 8W 3000K Spot
SUR-SFST-FHC-35-8-CC-30-SP*

Throw Distance [Ft]	Illuminance [fc at max cd]	Beam Diameter [Ft]
20	27	4.8
18	33	4.4
16	42	3.9
14	55	3.4
12	75	2.9
10	108	2.4
8	169	1.9
6	300	1.5
4	674	1.0
2	2697	0.5

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

		Diameter [Wattage]			
		25 [5 CC]	25 [5 CV]	35 [8 CC]	35 [9 CV]
CCT	27	218	218	769	706
	30	227	227	803	738
	40	240	240	824	757

	Polar Plot / Cone Of Light Multiplier			
	25 [5 CC]	25 [5 CV]	35 [8 CC]	35 [9 CV]
	0.28	0.28	1.00	0.92



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

CONE OF LIGHT - 8W 3000K Narrow Flood
SUR-SFST-FHC-35-8-CC-30-NFL*

Throw Distance [Ft]	Illuminance [fc at max cd]	Beam Diameter [Ft]
20	11	8.5
18	14	7.7
16	18	6.8
14	23	6.0
12	31	5.1
10	45	4.3
8	70	3.4
6	125	2.6
4	280	1.7
2	1122	0.9

*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.

SUELO Fixed Optics

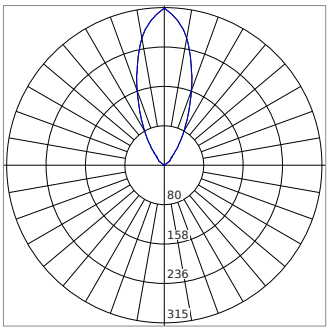
inter•lux

FIXED OPTICS - HC HONEYCOMB LOUVER

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

		Diameter [Wattage]			
		25 [5 CC]	25 [5 CV]	35 [8 CC]	35 [9 CV]
CCT	27	169	169	–	–
	30	176	176	–	–
	40	186	186	–	–

Polar Plot / Cone Of Light Multiplier			
25 [5 CC]	25 [5 CV]	35 [8 CC]	35 [9 CV]
1.00	1.00	–	–



Beam Angle (0-180) = 39.0°
Beam Angle (90-270) = 39.6°

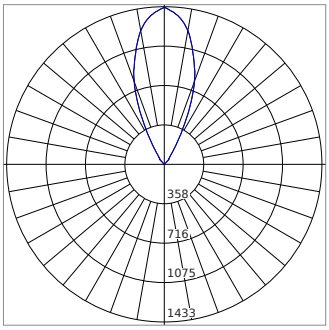
CONE OF LIGHT - 5W 3000K Flood
SUR-SFST-FHC-25-5-CC-30-FL*

Throw Distance [Ft]	Illuminance [fc at max cd]	Beam Diameter [Ft]
20	1	14.2
18	1	12.7
16	1	11.3
14	2	9.9
12	2	8.5
10	3	7.1
8	5	5.7
6	9	4.2
4	20	2.8
2	79	1.4

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

		Diameter [Wattage]			
		25 [5 CC]	25 [5 CV]	35 [8 CC]	35 [9 CV]
CCT	27	–	–	661	607
	30	–	–	691	635
	40	–	–	708	651

Polar Plot / Cone Of Light Multiplier			
25 [5 CC]	25 [5 CV]	35 [8 CC]	35 [9 CV]
–	–	1.00	0.92



Beam Angle (0-180) = 42.8°
Beam Angle (90-270) = 42.2°

CONE OF LIGHT - 8W 3000K
Medium Wide Flood
SUR-SFST-FHC-35-8-CC-30-MWFL*

Throw Distance [Ft]	Illuminance [fc at max cd]	Beam Diameter [Ft]
20	4	15.7
18	4	14.1
16	6	12.5
14	7	11.0
12	10	9.4
10	14	7.8
8	22	6.3
6	40	4.7
4	90	3.1
2	358	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.

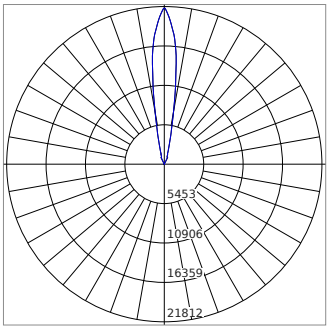
SUELO Fixed Optics

inter•lux

FIXED OPTICS - HC HONEYCOMB LOUVER

SUR-SFST-FHC-...-SP...
DELIVERED LUMENS - Spot

		Diameter [Wattage]
		73 [22 ID]
CCT	27	1908
	30	1985
	40	2009
		Polar Plot / Cone Of Light Multiplier
		73 [22 ID]
		1.00



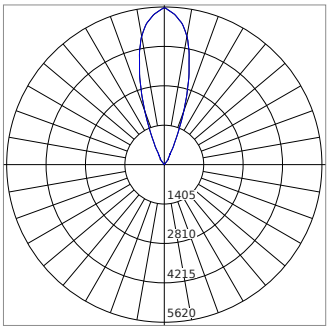
Beam Angle (0-180) = 15.2°
Beam Angle (90-270) = 15.6°

CONE OF LIGHT - 22W 3000K Spot
SUR-SFST-FHC-73-22-ID-30-SP*

Throw Distance [Ft]	Illuminance [fc at max cd]	Beam Diameter [Ft]
20	55	5.3
18	67	4.8
16	85	4.3
14	111	3.7
12	151	3.2
10	218	2.7
8	341	2.1
6	606	1.6
4	1363	1.1
2	5453	0.5

SUR-SFST-FHC-...-FL...
DELIVERED LUMENS - Flood

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



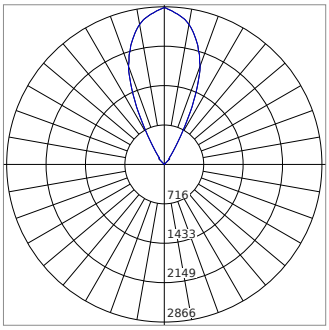
Beam Angle (0-180) = 33.6°
Beam Angle (90-270) = 33.4°

CONE OF LIGHT - 22W 3000K Flood
SUR-SFST-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-SFST-FHC-...-MWFL...
DELIVERED LUMENS - Medium Wide Flood

		Diameter [Wattage]
		73 [22 ID]
CCT	27	1478
	30	1540
	40	1556
		Polar Plot / Cone Of Light Multiplier
		73 [22 ID]
		1.00



Beam Angle (0-180) = 46.0°
Beam Angle (90-270) = 46.4°

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

Throw Distance [Ft]	Illuminance [fc at max cd]	Beam Diameter [Ft]
20	7	17.0
18	9	15.3
16	11	13.6
14	15	11.9
12	20	10.2
10	29	8.5
8	45	6.8
6	80	5.1
4	179	3.4
2	717	1.7

*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.

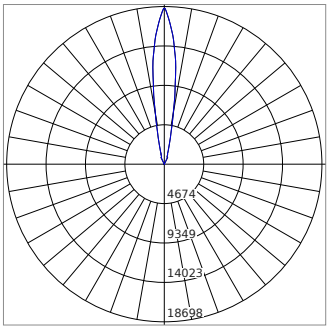
SUELO Fixed Optics

inter•lux

FIXED OPTICS - FDL Fixed DarkLight

SUR-SFST-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



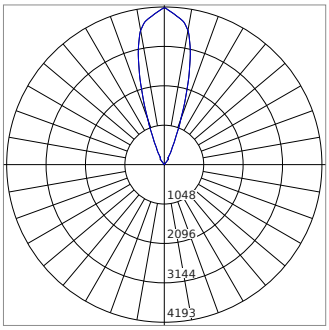
Beam Angle (0-180) = 14.8°
Beam Angle (90-270) = 15.2°

CONE OF LIGHT - 22W 3000K Spot
SUR-SFST-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-SFST-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



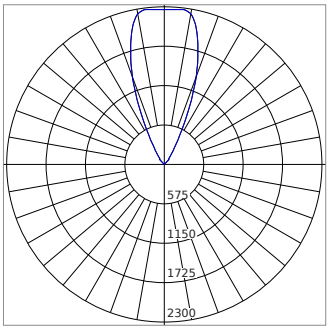
Beam Angle (0-180) = 33.0°
Beam Angle (90-270) = 32.8°

CONE OF LIGHT - 22W 3000K Flood
SUR-SFST-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-SFST-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-SFST-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	64	4.7
4	144	3.1
2	575	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.