

DATE	PROJECT	FIRM	TYPE
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PHOTOMETRY CHARACTERISTICS

Photometric testing done by an independent lab in accordance with current IES published Procedures. Lumen measurements comply with IES LM-79 - 08. Some IES files are generated by multiplying tested IES files with a calculated lumen values. IES data is available at www.ecosenselighting.com

80 CRI

F380 5B LOW OUTPUT (29 WATTS)

	5'	10'	15'	20'	40'	60'	80'	15'x 60'	30'x 60'	60'x 15'	60'x 30'
2200K											
Lumens	1,947	1,931	1,860	1,802	1,371	1,420	1,328	1,701	1,686	1,701	1,686
Efficacy	75	74	72	69	53	55	51	65	65	65	65
CBCP	112,217	28,490	17,582	7,654	1,996	1,097	746	3,286	2,942	3,286	2,942
2700K											
Lumens	2,246	2,228	2,146	2,080	1,582	1,639	1,532	1,962	1,946	1,962	1,946
Efficacy	86	86	83	80	61	63	59	75	75	75	75
CBCP	129,481	32,874	20,287	8,831	2,303	1,266	861	3,792	3,394	3,792	3,395
3000K											
Lumens	2,281	2,263	2,179	2,112	1,607	1,664	1,555	1,993	1,976	1,993	1,976
Efficacy	88	87	84	81	62	64	60	77	76	77	76
CBCP	131,473	33,379	20,599	8,967	2,339	1,285	874	3,850	3,446	3,850	3,447
3500K											
Lumens	2,461	2,442	2,352	2,279	1,734	1,796	1,678	2,150	2,132	2,150	2,132
Efficacy	95	94	90	88	67	69	65	83	82	83	82
CBCP	141,876	36,020	22,229	9,677	2,524	1,387	943	4,155	3,719	4,155	3,720
4000K											
Lumens	2,515	2,495	2,403	2,329	1,771	1,835	1,715	2,197	2,179	2,197	2,179
Efficacy	97	96	92	90	68	71	66	85	84	85	84
CBCP	144,975	36,807	22,715	9,888	2,579	1,417	964	4,245	3,800	4,245	3,801
5000K											
Lumens	2,594	2,573	2,478	2,401	1,827	1,892	1,769	2,266	2,247	2,266	2,247
Efficacy	100	99	95	92	70	73	68	87	86	87	86
CBCP	149,512	37,959	23,426	10,198	2,660	1,462	994	4,378	3,919	4,378	3,920
6500K											
Lumens	2,398	2,379	2,291	2,220	1,689	1,749	1,635	2,095	2,077	2,095	2,077
Efficacy	92	91	88	85	65	67	63	81	80	81	80
CBCP	138,224	35,093	21,657	9,428	2,459	1,351	919	4,048	3,623	4,048	3,624

F380 5B MEDIUM OUTPUT (55 WATTS)

	5'	10'	15'	20'	40'	60'	80'	15'x 60'	30'x 60'	60'x 15'	60'x 30'
2200K											
Lumens	3,372	3,344	3,221	3,121	2,375	2,460	2,299	2,945	2,921	2,945	2,921
Efficacy	65	64	62	60	46	47	44	57	56	57	56
CBCP	194,332	49,338	30,448	13,255	3,457	1,900	1,292	5,691	5,094	5,691	5,096
2700K											
Lumens	3,946	3,914	3,770	3,653	2,779	2,878	2,690	3,447	3,418	3,447	3,418
Efficacy	76	75	72	70	53	55	52	66	66	66	66
CBCP	227,422	57,739	35,633	15,512	4,046	2,224	1,512	6,660	5,961	6,660	5,963
3000K											
Lumens	3,997	3,965	3,819	3,701	2,815	2,916	2,726	3,492	3,463	3,492	3,463
Efficacy	77	76	73	71	54	56	52	67	67	67	67
CBCP	230,410	58,498	36,101	15,715	4,099	2,253	1,532	6,747	6,040	6,747	6,041
3500K											
Lumens	4,097	4,064	3,915	3,793	2,886	2,989	2,794	3,579	3,549	3,579	3,549
Efficacy	79	78	75	73	55	57	54	69	68	69	68
CBCP	236,165	59,959	37,003	16,108	4,201	2,309	1,570	6,916	6,191	6,916	6,192
4000K											
Lumens	4,262	4,228	4,072	3,946	3,002	3,110	2,907	3,723	3,692	3,723	3,692
Efficacy	82	81	78	76	58	60	56	72	71	72	71
CBCP	245,682	62,375	38,494	16,757	4,371	2,402	1,633	7,194	6,440	7,194	6,442
5000K											
Lumens	4,489	4,453	4,289	4,156	3,162	3,275	3,061	3,921	3,888	3,921	3,888
Efficacy	86	86	82	80	61	63	59	75	75	75	75
CBCP	258,741	65,691	40,540	17,648	4,603	2,530	1,720	7,577	6,782	7,577	6,784
6500K											
Lumens	4,188	4,154	4,001	3,877	2,949	3,055	2,855	3,658	3,627	3,658	3,627
Efficacy	81	80	77	75	57	59	55	70	70	70	70
CBCP	241,366	61,280	37,818	16,463	4,294	2,360	1,604	7,068	6,327	7,068	6,329

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DATE	PROJECT	FIRM	TYPE
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80 CRI

F380 5B HIGH OUTPUT (84 WATTS)

	5'	10'	15'	20'	40'	60'	80'	15' x 60'	30' x 60'	60' x 15'	60' x 30'
2200K											
Lumens	4,347	4,312	4,153	4,024	3,062	3,171	2,964	3,797	3,765	3,797	3,765
Efficacy	56	55	53	52	39	41	38	49	48	49	48
CBCP	250,552	63,612	39,257	17,089	4,457	2,450	1,665	7,337	6,568	7,337	6,570
2700K											
Lumens	5,161	5,119	4,931	4,778	3,635	3,765	3,519	4,508	4,471	4,508	4,471
Efficacy	66	66	63	61	47	48	45	58	57	58	57
CBCP	297,475	75,525	46,609	20,290	5,292	2,908	1,977	8,711	7,798	8,711	7,800
3000K											
Lumens	5,301	5,258	5,065	4,908	3,734	3,867	3,615	4,631	4,592	4,631	4,592
Efficacy	68	67	65	63	48	50	46	59	59	59	59
CBCP	305,553	77,576	47,875	20,841	5,436	2,987	2,031	8,947	8,009	8,948	8,012
3500K											
Lumens	5,512	5,468	5,267	5,103	3,882	4,021	3,759	4,815	4,775	4,815	4,775
Efficacy	71	70	68	65	50	52	48	62	61	62	61
CBCP	317,727	80,667	49,782	21,671	5,652	3,106	2,112	9,304	8,329	9,304	8,331
4000K											
Lumens	5,756	5,710	5,499	5,329	4,054	4,199	3,925	5,028	4,986	5,028	4,986
Efficacy	74	73	71	68	52	54	50	64	64	64	64
CBCP	331,782	84,235	51,984	22,630	5,902	3,244	2,205	9,715	8,697	9,716	8,700
5000K											
Lumens	6,023	5,975	5,754	5,576	4,242	4,394	4,107	5,261	5,217	5,261	5,217
Efficacy	77	77	74	71	54	56	53	67	67	67	67
CBCP	347,164	88,140	54,394	23,679	6,176	3,394	2,308	10,166	9,100	10,166	9,103
6500K											
Lumens	5,501	5,457	5,256	5,093	3,874	4,013	3,751	4,805	4,765	4,805	4,765
Efficacy	71	70	67	65	50	51	48	62	61	62	61
CBCP	317,063	80,498	49,678	21,626	5,641	3,100	2,108	9,284	8,311	9,285	8,314

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DATE	PROJECT	FIRM	TYPE
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90 CRI

F380 LOW OUTPUT (29 WATTS)

	5'	10'	15'	20'	40'	60'	80'	15' x 60'	30' x 60'	60' x 15'	60' x 30'
2700K											
Lumens	1,899	1,884	1,814	1,758	1,337	1,385	1,295	1,659	1,645	1,659	1,645
Efficacy	73	72	70	68	51	53	50	64	63	64	63
CBCP	109,450	27,788	17,149	7,465	1,947	1,070	728	3,205	2,869	3,205	2,870
3000K											
Lumens	2,004	1,988	1,915	1,856	1,412	1,462	1,367	1,751	1,736	1,751	1,736
Efficacy	77	76	74	71	54	56	53	67	67	67	67
CBCP	115,537	29,333	18,103	7,880	2,055	1,130	768	3,383	3,029	3,383	3,029
3500K											
Lumens	2,062	2,045	1,970	1,909	1,452	1,504	1,406	1,801	1,786	1,801	1,786
Efficacy	79	79	76	73	56	58	54	69	69	69	69
CBCP	118,857	30,176	18,623	8,107	2,114	1,162	790	3,480	3,116	3,481	3,117
4000K											
Lumens	2,095	2,078	2,001	1,939	1,475	1,528	1,428	1,830	1,815	1,830	1,815
Efficacy	81	80	77	75	57	59	55	70	70	70	70
CBCP	120,738	30,654	18,918	8,235	2,148	1,180	803	3,536	3,165	3,536	3,166

F380 MEDIUM OUTPUT (55 WATTS)

	5'	10'	15'	20'	40'	60'	80'	15' x 60'	30' x 60'	60' x 15'	60' x 30'
2700K											
Lumens	2,820	2,798	2,695	2,611	1,987	2,058	1,923	2,464	2,443	2,464	2,443
Efficacy	54	54	52	50	38	40	37	47	47	47	47
CBCP	162,571	41,275	25,472	11,088	2,892	1,589	1,081	4,761	4,261	4,761	4,263
3000K											
Lumens	3,252	3,226	3,107	3,011	2,291	2,373	2,218	2,841	2,817	2,841	2,817
Efficacy	63	62	60	58	44	46	43	55	54	55	54
CBCP	187,471	47,596	29,373	12,787	3,335	1,833	1,246	5,490	4,914	5,490	4,916
3500K											
Lumens	3,533	3,504	3,375	3,271	2,488	2,577	2,409	3,086	3,060	3,086	3,060
Efficacy	68	67	65	63	48	50	46	59	59	59	59
CBCP	203,628	51,699	31,905	13,889	3,623	1,991	1,354	5,963	5,338	5,963	5,339
4000K											
Lumens	3,598	3,569	3,438	3,331	2,534	2,625	2,454	3,143	3,117	3,143	3,117
Efficacy	69	69	66	64	49	50	47	60	60	60	60
CBCP	207,391	52,654	32,494	14,145	3,690	2,028	1,379	6,073	5,436	6,073	5,8438

F380 HIGH OUTPUT (84 WATTS)

	5'	10'	15'	20'	40'	60'	80'	15' x 60'	30' x 60'	60' x 15'	60' x 30'
2700K											
Lumens	3,921	3,889	3,746	3,630	2,761	2,860	2,673	3,425	3,396	3,425	3,396
Efficacy	50	50	48	47	35	37	34	44	44	44	44
CBCP	225,983	57,374	35,408	15,413	4,020	2,209	1,502	6,617	5,924	6,618	5,925
3000K											
Lumens	4,138	4,104	3,953	3,831	2,914	3,019	2,821	3,614	3,584	3,614	3,584
Efficacy	53	53	51	49	37	39	36	46	46	46	46
CBCP	238,489	60,549	37,367	16,266	4,243	2,332	1,585	6,984	6,251	6,984	6,253
3500K											
Lumens	4,692	4,655	4,483	4,344	3,305	3,423	3,200	4,099	4,065	4,099	4,065
Efficacy	60	60	57	56	42	44	41	53	52	53	52
CBCP	270,472	68,669	42,378	18,448	4,812	2,644	1,798	7,920	7,090	7,921	7,092
4000K											
Lumens	4,979	4,939	4,757	4,609	3,506	3,632	3,395	4,349	4,313	4,349	4,313
Efficacy	64	63	61	59	45	47	44	56	55	56	55
CBCP	286,961	72,856	44,962	19,573	5,105	2,806	1,907	8,403	7,522	8,403	7,524

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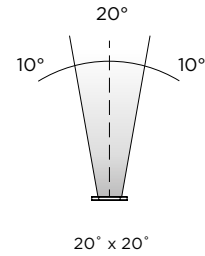
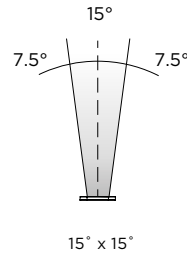
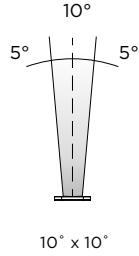
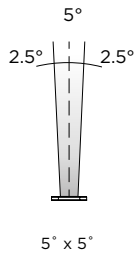
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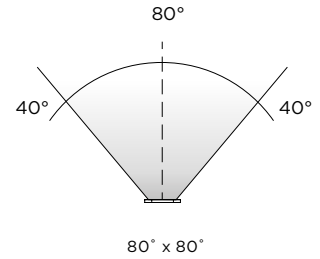
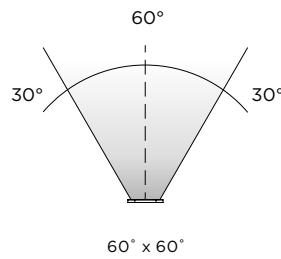
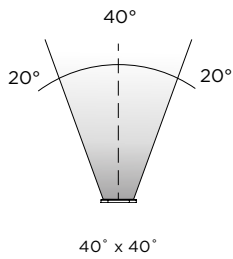
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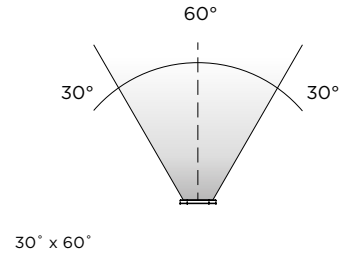
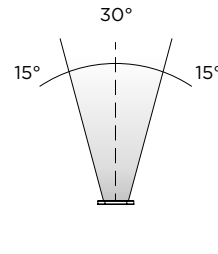
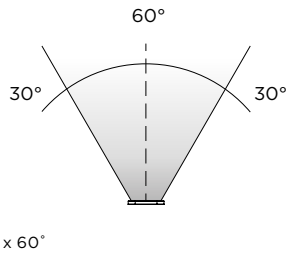
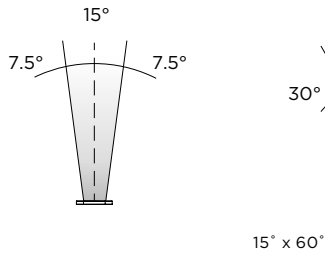
Spot/Accent Light Distribution



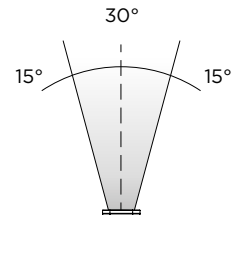
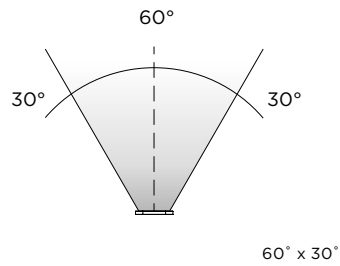
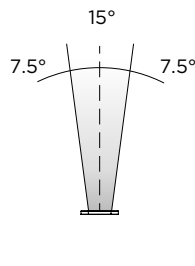
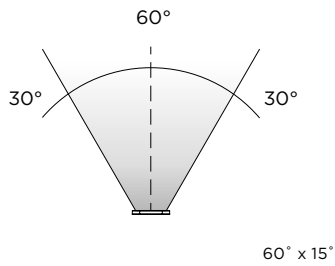
Flood Light Distribution



Horizontal Elliptical Light Distribution



Vertical Elliptical Light Distribution



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