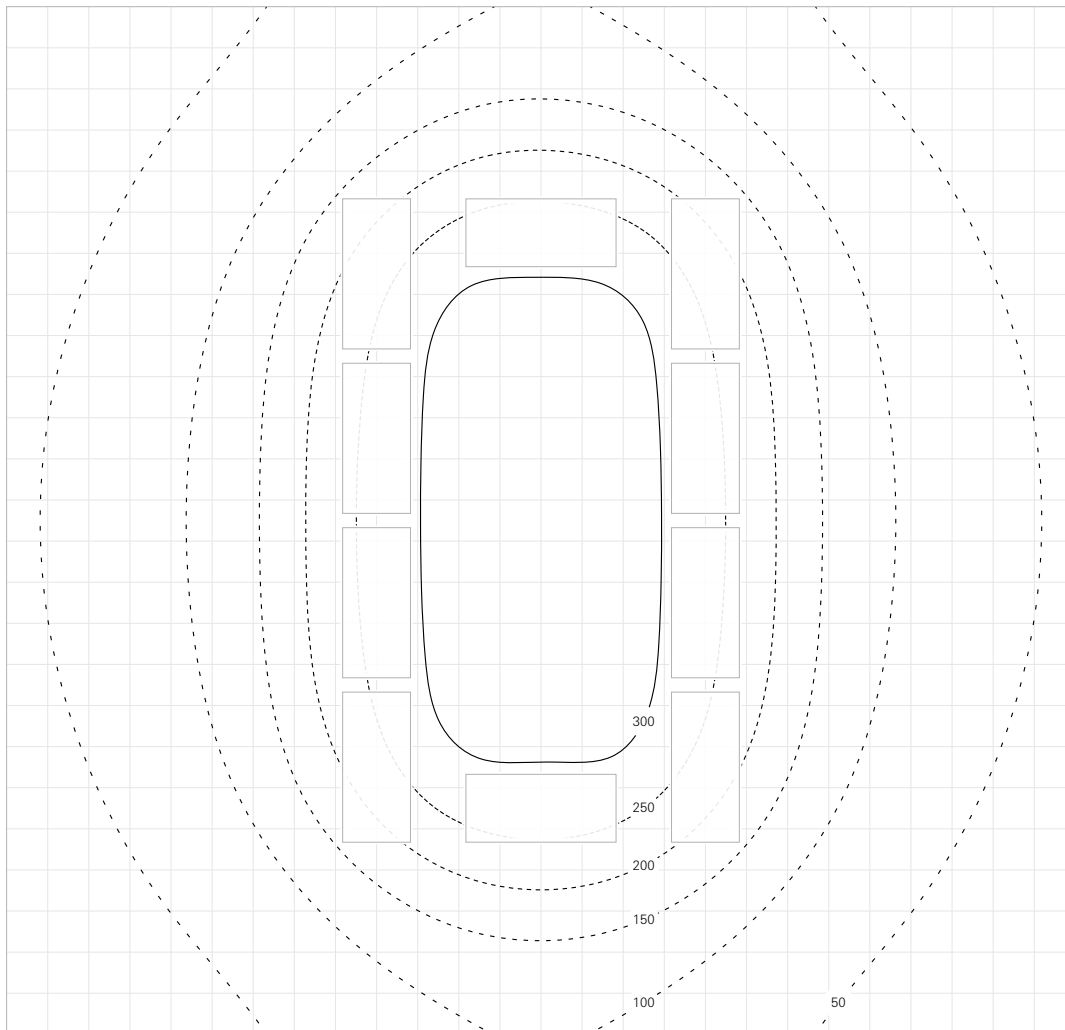


Typical surgical suite lighting simulation and comparison



The **L.C.Doane** Company

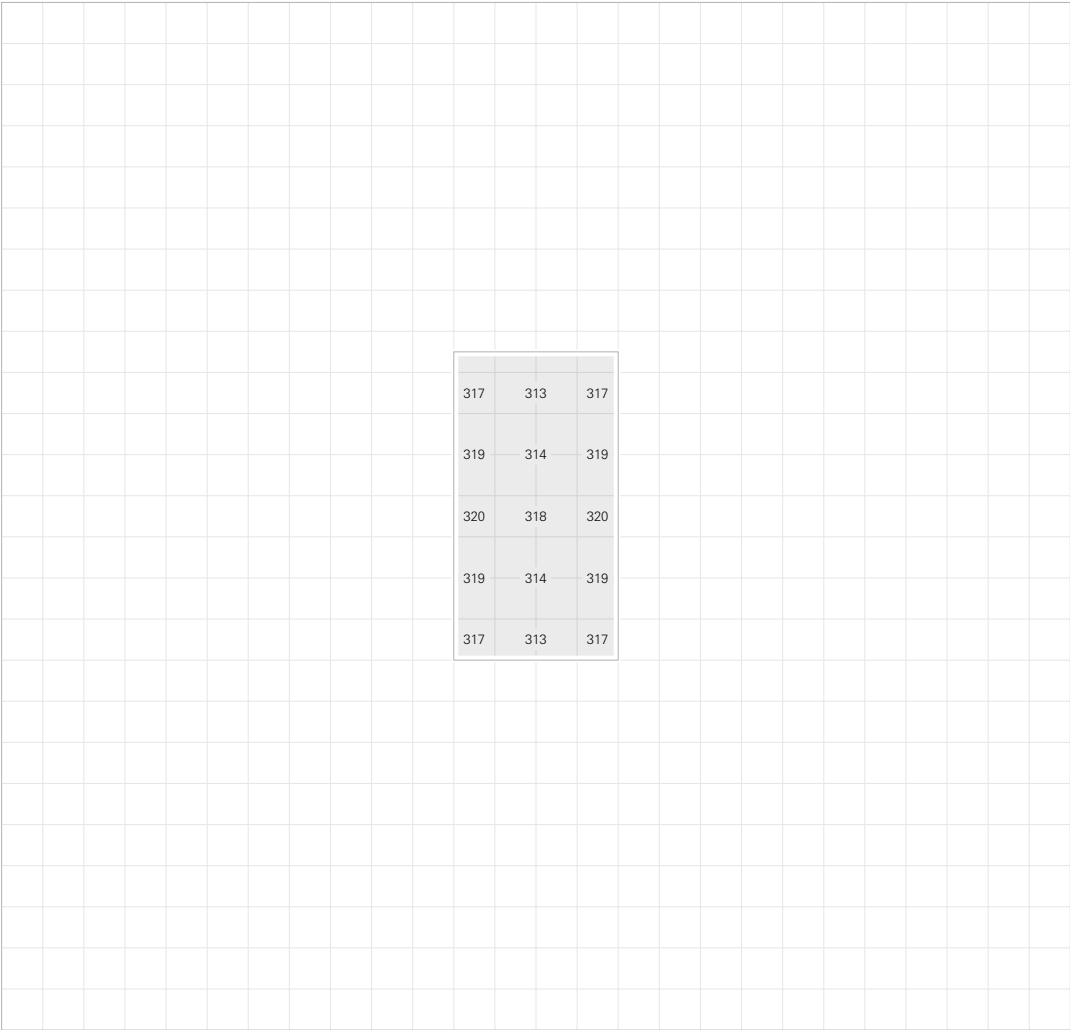
PO Box 700, Ivoryton, CT 06442 call 860 767 8295 fax 860 767 1397 lcdoane.com



Typical surgical suite

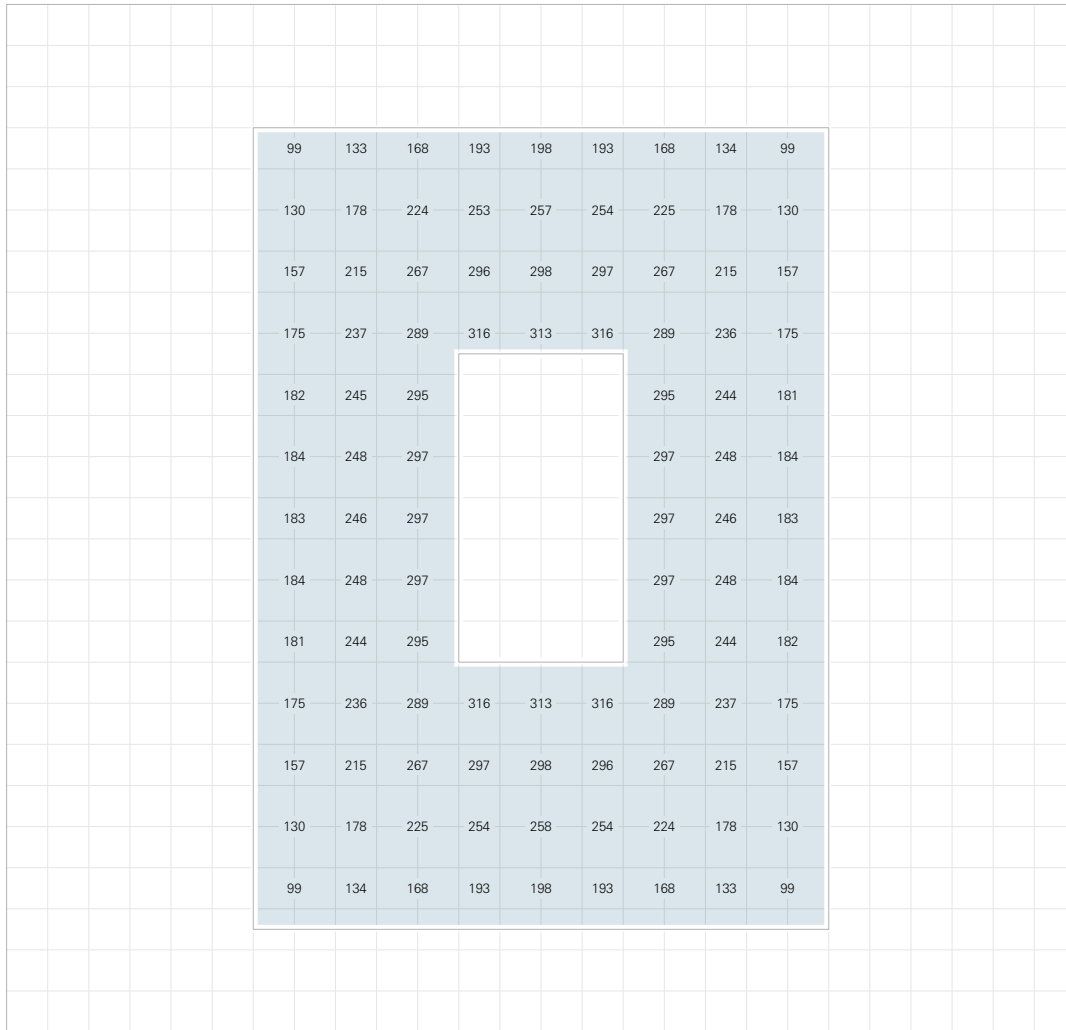
luminaire	(10) HGA2-6/32
room dimensions	26 ft. by 25 ft. by 9 ft.
measurement height	3 ft. above finished floor
reflectance	90 / 60 / 20
light loss factor	0.8

30	37	49	68	94	120	129	120	94	68	49	37	30		
35	45	65	99	133	168	193	198	193	168	134	99	65	46	35
41	56	85	130	178	224	253	257	254	225	178	130	85	56	41
46	65	102	157	215	267	296	298	297	267	215	157	102	65	46
49	71	111	175	237	289	316	313	316	289	236	175	111	71	50
51	73	113	182	245	295	317	313	317	295	244	181	113	73	51
51	73	113	184	248	297	319	314	319	297	248	184	113	73	51
50	71	111	183	246	297	320	318	320	297	246	183	111	71	49
46	65	102	184	248	297	319	314	319	297	248	184	102	65	46
41	56	85	175	236	289	316	313	316	289	237	175	85	56	41
35	45	65	157	215	267	297	298	296	267	215	157	65	45	35
30	37	49	130	178	225	254	258	254	224	178	130	49	37	30
			99	134	168	193	198	193	168	133	99			



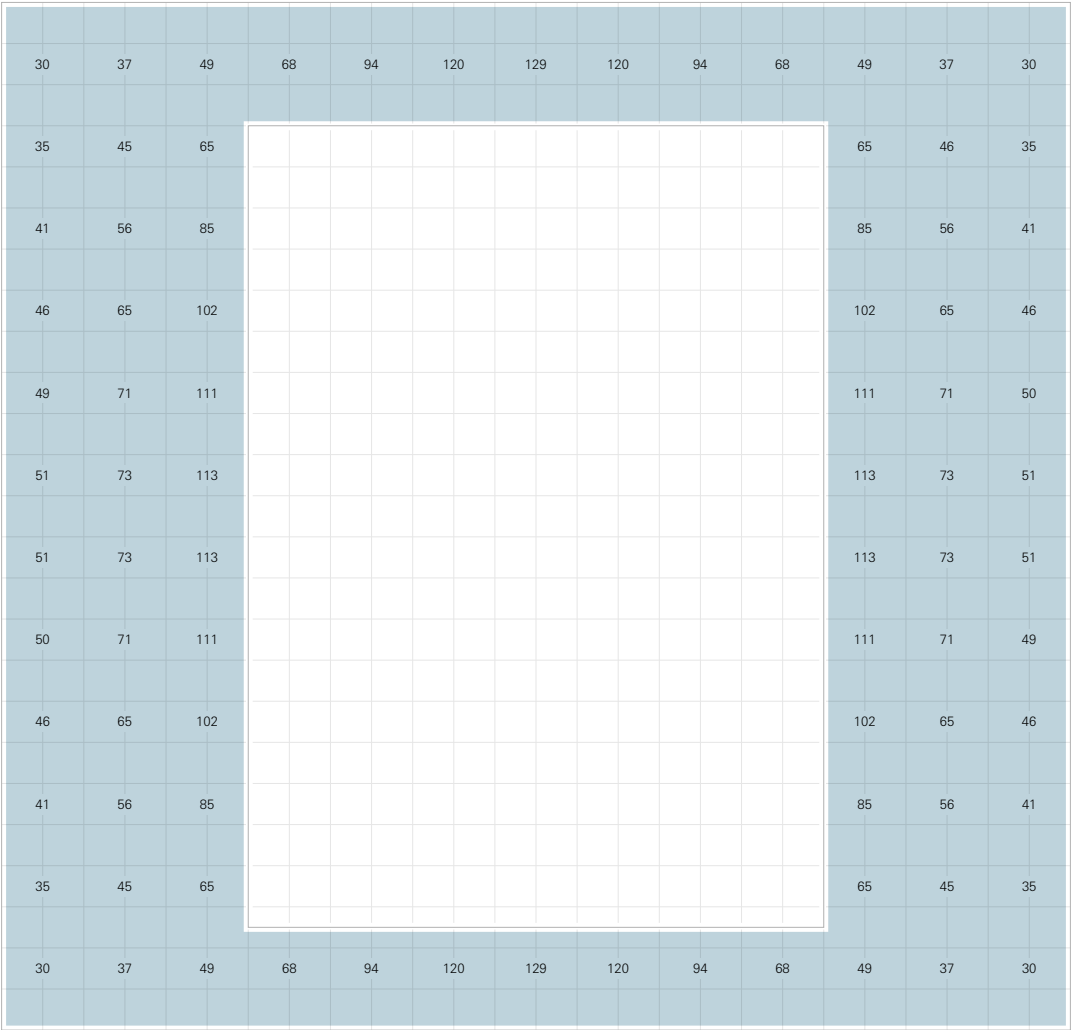
Typical surgical suite — Operating table

manufacturer	L.C.Doane	Competitor
luminaire	(10) HGA2-6/32	(10) Surgical fixture
average	317 fc	241 fc
max	320 fc	261 fc
min	313 fc	208 fc
average / min	1.01	1.16
max / min	1.02	1.25



Typical surgical suite — Surgical zone

manufacturer	L.C.Doane	Competitor
luminaire	(10) HGA2-6/32	(10) Surgical fixture
average	223 fc	241 fc
max	316 fc	305 fc
min	99 fc	106 fc
average / min	2.25	2.27
max / min	3.19	2.87



Typical surgical suite — Auxiliary

manufacturer	L.C.Doane	Competitor
luminaire	(10) HGA2-6/32	(10) Surgical fixture
average	68 fc	70 fc
max	129 fc	145 fc
min	30 fc	28 fc
average / min	2.28	2.57
max / min	4.30	5.28