

Classic Series/Series 200: Imager Projection Attachment

Distance	Meter	0,5	1	2	3	4	5	7
	Feet	1.6'	3.3'	6.6'	9.8'	13.1'	16.4'	23'

60 mm f/2.8	Diameter round Ø	cm	40	80	160	240	320	400	560
		Inch	16"	32"	64"	95"	128"	160"	224"
	Size square	cm	25 x 25	50 x 50	100 x 100	150 x 150	200 x 200	250 x 250	350 x 350
		Inch	10" x 10"	20" x 20"	40" x 40"	60" x 60"	80" x 80"	100" x 100"	140" x 140"
	DLH4 100 W at 12.4 V (Tungsten, 3400 K)	Lux	7295	1575	360	155	90	53	29
		Foot - Candle	678	146	33	14.4	8.4	5	2.7
	DLH4 150 W at 24.5 V (Tungsten, 3400 K)	Lux	8646	2830	628	270	150	96	50
		Foot - Candle	803	263	58	25	14	9	4.6
DLH200DT (Daylight, 5400 K)	Lux	17280	4320	1080	480	270	173	88	
	Foot - Candle	1606	402	100	45	25	16	8.2	

85 mm f/2.8	Diameter round Ø	cm	30	60	120	180	240	300	420
		Inch	12"	24"	47"	72"	96"	120"	168"
	Size square	cm	17 x 17	35 x 35	70 x 70	105 x 105	140 x 140	175 x 175	245 x 245
		Inch	6.7" x 6.7"	13" x 13"	27" x 27"	40" x 40"	54" x 54"	67" x 67"	90" x 90"
	DLH4 100 W at 12.4 V (Tungsten, 3400 K)	Lux	9806	3245	638	292	164	99	50
		Foot - Candle	911	301	59	27	15	9.2	4.6
	DLH4 150 W at 24.5 V (Tungsten, 3400 K)	Lux	14575	4867	1089	450	258	157	79
		Foot - Candle	1355	452	101	42	24	14.6	7.3
DLH200DT (Daylight, 5400 K)	Lux	41400	10350	2588	1150	647	414	211	
	Foot - Candle	3848	962	241	107	60	39	20	

185 mm f/3.5	Diameter round Ø	cm	10	20	40	60	80	100	140
		Inch	4"	8"	16"	24"	32"	40"	56"
	Size square	cm	7 x 7	14 x 14	28 x 28	42 x 42	56 x 56	70 x 70	98 x 98
		Inch	2.8" x 2.8"	5.6" x 5.6"	11" x 11"	17" x 17"	22" x 22"	28" x 28"	39" x 39"
	DLH4 100 W at 12.4 V (Tungsten, 3400 K)	Lux	40456	15584	3476	1430	777	472	260
		Foot - Candle	3760	1448	323	133	72	44	24
	DLH4 150 W at 24.5 V (Tungsten, 3400 K)	Lux	61739	29147	6163	2456	1428	807	417
		Foot - Candle	5738	2708	573	228	133	75	39
DLH200DT (Daylight, 5400 K)	Lux	198000	49500	12375	5500	3094	1980	1010	
	Foot - Candle	18401	4600	1150	511	288	184	94	

Conversion factors

To obtain photometric values for light head/bulb or light head/imager combinations that are not listed in the photometric tables, multiply the values from the tables with the conversion factors listed below.

Classic series and series 200

DLH200DT used with a 3200 K ceramic lamp	= 0.95
DLH4 (150 W) switched to 3200 K	= 0.82
DLH4 (100 W) 3400 K tungsten lamp switched to 3200 K	= 0.66
DLH4 used with 50 W / 3400 K tungsten lamp	= 0.70
DLH4 used with 50 W / 3400 K tungsten lamp at 3200 K	= 0.56
DLHM4-300 used with 150 W / 3200 K tungsten lamp	= 0.82

Imager projection attachment for classic series and series 200

DLH4 (100 W) 3400 K tungsten lamp switched to 3200 K	= 0.65
DLH4 (100 W) 3400 K with a 2000 h tungsten lamp	= 0.85
DLH4 (150 W) 3400 K tungsten lamp switched to 3200 K	= 0.80
DLH200DT used with a 3200 K ceramic lamp	= 0.75

Soft lights

DLH200SDT used with a 3200 K ceramic lamp	= 0.95
DLH400SDT run at 400 W	= 0.65

Classic Series/Series 200: Imager Projection Attachment Zooms

Distance	Meter	0.5	1	2	3	4	5	7
	Feet	1.6'	3.3'	6.6'	9.8'	13.1'	16.4'	23'

70-120 mm f/3.5 (at 70 mm)	Diameter round Ø	cm	32.5	5	130	195	260	325	455
		Inch	13"	26"	52"	78"	104"	130"	182"
	Size square	cm	23 x 23	46 x 46	92 x 92	138 x 138	184 x 184	230 x 230	322 x 322
		Inch	9" x 9"	18" x 18"	36" x 36"	54" x 54"	72" x 72"	90" x 90"	126" x 126"
	DLH4 100 W at 12.4 V (Tungsten, 3400 K)	Lux	9875	3292	780	364	198	130	62
		Foot - Candle	918	306	73	34	18	12	5.8
	DLH4 150 W at 24.5 V (Tungsten, 3400 K)	Lux	17820	4455	1114	496	279	178	90
		Foot - Candle	1656	414	104	46	26	17	8.4
	DLH200DT (Daylight, 5400 K)	Lux	25740	6435	1609	715	402	257	131
		Foot - Candle	2392	617	150	67	37	24	12

70-120 mm f/3.5 (at 120 mm)	Diameter round Ø	cm	19.5	39	78	117	156	195	273
		Inch	7.7"	15"	30"	45"	60"	75"	105"
	Size square	cm	14 x 14	28 x 28	55 x 55	83 x 83	110 x 110	138 x 138	193 x 193
		Inch	5.5" x 5.5"	11" x 11"	22" x 22"	33" x 33"	44" x 44"	55" x 55"	66" x 66"
	DLH4 100 W at 12.4 V (Tungsten, 3400 K)	Lux	26166	6542	1920	718	476	260	125
		Foot - Candle	2432	607	178	67	44	24	38149
	DLH4 150 W at 24.5 V (Tungsten, 3400 K)	Lux	46440	11610	2904	1290	726	464	237
		Foot - Candle	4316	1079	270	120	67	43	22
	DLH200DT (Daylight, 5400 K)	Lux	69120	17280	4320	1920	1080	691	353
		Foot - Candle	6424	1606	402	178	100	64	33

85-150 mm f/3.5 (at 85 mm)	Diameter round Ø	cm	30	60	120	180	240	300	420
		Inch	12"	24"	47"	71"	94"	118"	165"
	Size square	cm	21 x 21	42 x 42	85 x 85	127 x 127	170 x 170	212 x 212	297 x 297
		Inch	8.3" x 8.3"	17" x 17"	33" x 33"	50" x 50"	67" x 67"	83" x 83"	117" x 117"
	DLH4 100 W at 12.4 V (Tungsten, 3400 K)	Lux	11160	2790	698	310	174	112	57
		Foot - Candle	1037	259	65	29	16	10	38051
	DLH4 150 W at 24.5 V (Tungsten, 3400 K)	Lux	16668	4167	1042	463	260	167	85
		Foot - Candle	1549	387	98	43	24	16	8
	DLH200DT (Daylight, 5400 K)	Lux	36000	9000	2250	1000	563	360	184
		Foot - Candle	3346	836	209	93	52	34	17

85-150 mm f/3.5 (at 150 mm)	Diameter round Ø	cm	17.5	35	70	105	140	175	245
		Inch	7"	14"	28"	41"	55"	69"	97"
	Size square	cm	12.3 x 12.3	25 x 25	50 x 50	74 x 74	99 x 99	124 x 124	173 x 173
		Inch	4.8" x 4.8"	9.8" x 9.8"	20" x 20"	29" x 29"	39" x 39"	49" x 49"	68" x 68"
	DLH4 100 W at 12.4 V (Tungsten, 3400 K)	Lux	27144	6786	1697	754	424	271	138
		Foot - Candle	2523	631	158	70	39	25	13
	DLH4 150 W at 24.5 V (Tungsten, 3400 K)	Lux	47880	11970	2993	1330	748	479	244
		Foot - Candle	4450	1113	278	124	70	45	23
	DLH200DT (Daylight, 5400 K)	Lux	99000	24750	6188	2750	1547	990	505
		Foot - Candle	9201	2300	575	256	144	92	47