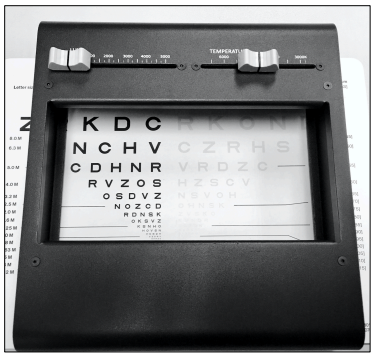
Jasper Ridge Inc.

LuxIQ/2™ Tint and Light Exam System

All eyes see color differently.

The LuxIQ/2™ is the first standard exam tool to provide tint and task lighting guidance. With the LuxIQ/2, clinicians simulate the range of possible tints, and vary light intensity and temperature to optimize vision performance. Then they recommend specific tinted eyewear, bulbs, or lamps.

LuxIQ/2 tint exam *(color mode)*



LuxIQ/2 light exam *(white mode)*

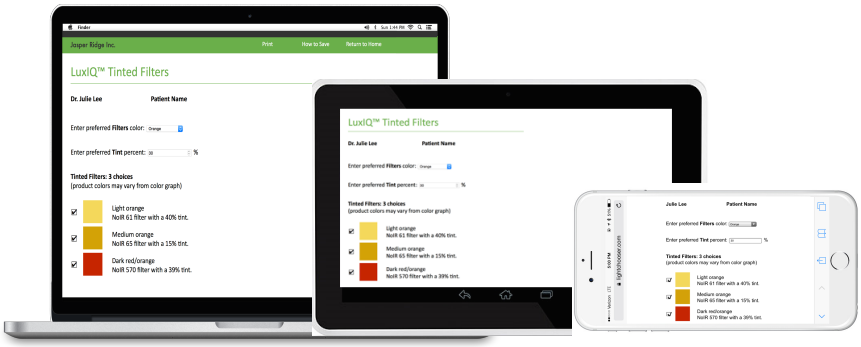
Fast way to select tints

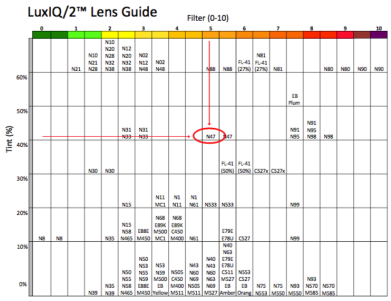
Protocol for custom color tints in < 5 minutes

The LuxIQ/2™ simulates white light as seen through a variety of tinted lenses, including 450 to 580 nm blue blocker, tinted, and neutral density--without swapping trial lenses. Now clinicians can demonstrate the visual effect of tinted lenses with a scientific and repeatable method.

Place the LuxIQ/2 over a standard eye chart or outdoor scene. Turn on *Color Mode.*

- Set **Tint** control to 10% and **Filter** slider to the left.
- Slide **Filter** to the preferred color (0-10).
- Slide **Tint** to the preferred percent of white (60-0%).
- Use the Lens Guide or LightChooser™ web app to prescribe lenses.



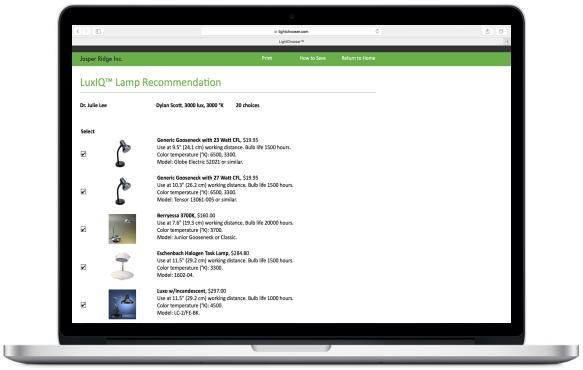


Protocol for lighting and dry eye in < 5 minutes

Optimal lighting improves functional vision for all. Many adults need more task light without glare for near acuity. Still others experience dry eye pain from too much light. The LuxIQ/2 makes it practical to vary intensity and temperature without swapping bulbs or lamps. Use it to prescribe optimum lighting and chart patient sensitivity over time to observe changes or disease progression.

Place the LuxIQ/2 over an eye chart or newspaper. Turn on *White Mode.*

- Have patient set preferred intensity using **Lux** slider. Record.
- Adjust color temperature at selected intensity using **Temperature** slider. Record.
- For dry eye, establish patient's baseline of tolerable light.
  Re-measure after treatment (eye drops, etc.) in subsequent visits.
- To prescribe task lighting, use the LightChooser web app or Light Bulb Calculator.



LUMENS TO REACH A LUX LEVEL

6 to 32 inches from desk

Lux	6	8	10	12	14	16	18	20	22	24	26	28	30	32
250	46	83	129	186	253	330	418	516	625	743	872	1012	1161	1321
500	93	165	258	372	506	661	836	1032	1249	1486	1745	2023	2323	2643
750	139	248	387	557	759	991	1254	1548	1874	2230	2617	3035	3484	3964
1000	186	330	516	743	1012	1321	1672	2065	2498	2973	3489	4046	4645	5285
1250	232	413	645	929	1265	1652	2090	2581	3123	3716	4361	5058	5806	6606
1500	279	495	774	1115	1517	1982	2508	3097	3747	4459	5234	6070	6968	7928
1750	325	578	903	1301	1770	2312	2926	3613	4372	5203	6106	7081	8129	9249
2000	372	661	1032	1486	2023	2643	3345	4129	4996	5946	6978	8093	9290	10570
2250	418	743	1161	1672	2276	2973	3763	4645	5621	6689	7850	9104	10452	11892
2500	465	826	1290	1858	2529	3303	4181	5161	6245	7432	8723	10116	11613	13213
2750	511	908	1419	2044	2782	3634	4599	5677	6870	8175	9595	11128	12774	14534
3000	557	991	1548	2230	3035	3964	5017	6194	7494	8919	10467	12139	13935	15855
3250	604	1074	1677	2415	3288	4294	5435	6710	8119	9662	11339	13151	15097	17177
3500	650	1156	1806	2601	3541	4625	5853	7226	8743	10405	12212	14163	16258	18498
3750	697	1239	1935	2787	3794	4955	6271	7742	9368	11148	13084	15174	17419	19819
4000	743	1321	2065	2973	4046	5285	6689	8258	9992	11892	13956	16186	18581	21141
4250	790	1404	2194	3159	4299	5615	7107	8774	10617	12635	14828	17197	19742	22462
4500	836	1486	2323	3345	4552	5946	7525	9290	11241	13378	15701	18209	20903	23783
4750	883	1569	2452	3530	4805	6276	7943	9806	11866	14121	16573	19221	22064	25104
5000	929	1652	2581	3716	5058	6606	8361	10323	12490	14864	17445	20232	23226	26426

Red indicates more than one bulb may be required

Warranty and Service

Jasper Ridge warrants the LuxIQ/2 for defects in material or workmanship for 1 year from shipment and agrees to repair or replace. Use the LuxIQ/2 only with the AC adapter labelled Jasper Ridge; others may damage the unit. Warranty excludes normal wear and tear, misuse, abuse and shipping costs.

Confidentiality

The LuxIQ/2 and LightChooser web app do not collect or save patient information, nor is any patient information visible to Jasper Ridge. All patient information is confidential.

Specifications

Intensity range:	0-5000 lux
Color temperature:	2700-6500°K
Filters:	Tinted, blue blocker, neutral density
Physical:	8.63" L x 7.75" W x 2" H, and 1.75 lbs.
Power:	Rechargeable battery, 5 volt charger
Warranty:	1 year

Now, a scientific basis to prescribe tinted eyewear and task lighting!