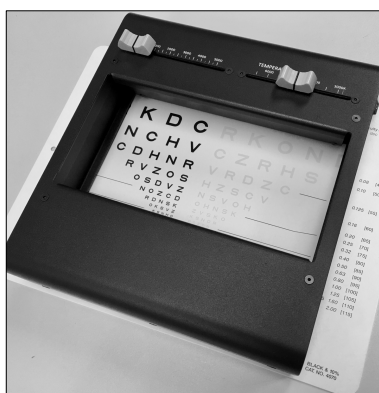


New lighting exam technology is a clinic changer

The LuxIQ™ is the first exam tool to provide calibrated assessments and recommendations of task lighting. While bright light is known to be important for functional vision, it is challenging to measure or prescribe. With the LuxIQ you can quickly quantify near-vision performance over a broad range of light levels and temperatures, and then prescribe specific bulbs or lamps.



New service for your practice



LuxIQ™ exam over eye chart



Convenient LuxIQ™ Soft Tote

Simply place the LuxIQ calibrated light source over reading material at a person's working distance. Move its sliders to vary the brightness (lux) and color temperature (°K). The lightweight, portable device enables lighting assessments in an office, home, school or lab. With its Light Bulb Calculator™ or LightChooser™ software, recommend commercially available optimum task lighting in < 5 minutes.

Difficulty with reading or working? Lighting is a low-cost intervention.

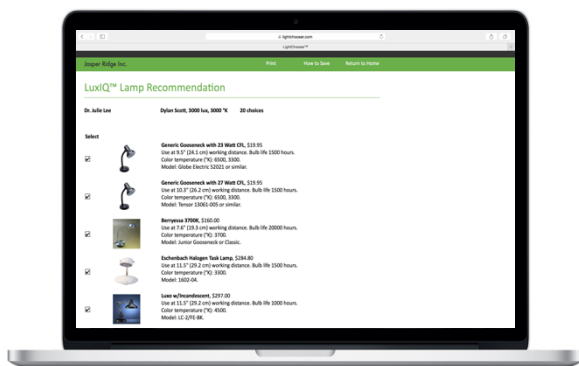
Published studies show that many need bright light of 2000-5000 lux to maximize acuity. A typical desk lamp provides only 800 lux; an exam room 600 lux. Many people need additional light to work. Some with dry eye syndrome (DES) or traumatic brain injury (TBI) are light sensitive and need less. Now you can give concrete recommendations to optimize acuity and minimize strain. The LuxIQ™ makes it practical to vary intensity from 0 to 5000 lux, and temperature from 2700 to 6500°K. Use it to:

- Determine task lighting needs without trial and error
- Prescribe optimum lamps and/or light bulbs
- Educate patients in lighting concepts
- Conduct a wide variety of clinical and research studies
- Chart patient lighting changes over time to observe disease progression
- Quantify light sensitivity for dry eye sensitivity and traumatic brain injury

5-Minute Lighting Exam

To assess acuity performance at various levels of illuminance and color temperature, switch on the LuxIQ and place it over reading material, such as eye charts and newspapers. In *White Mode*, examine the patient with intense, cool to warm light. Switch to *Color Mode* to use the spectrum of bright green to red light. For some, proper light and tint reduce eyestrain and further increase acuity.

1. Select intensity using **Lux** slider, and keep constant.
2. Adjust color temperature at selected intensity using **Temperature** slider.
3. Record the preferred intensity (lux) and color temperature (°K).
4. Use the LightChooser™ web app or Light Bulb Calculator to recommend specific lamps or bulbs.



LightChooser™ web app on PCs or phone

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 11358 13151 15097 17177
3500	650 1156 1806 2601 3541 4625 5853 7236 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

Light Bulb Calculator

Specifications

Intensity range:	0-5000 Lux
Color temperature:	2700-6500°K
Color:	Green to red
Physical:	8.63" L x 7.75" W x 2" H, and 1.75 lbs.
Power:	Rechargeable battery, 5 volt charger

Warranty and service

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

Confidentiality

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

Now a scientific basis to discuss and recommend task lighting.

The LuxIQ combines illuminance, color, and lighting distribution to identify individually optimized task lighting and enable evidence-based recommendations in less than 5 minutes.