

Radiant™ Portable LED Light System



Maximum brilliance of LED lighting with long-lasting battery powered portability.



- Brightness – Up to 15,000 Foot Candles
- No Memory – Charge Anytime Battery Pack
- Lithium Ion Battery Pack – twice the longevity of NiMH
- Precision Intensity Controls – saves battery life
- Low Battery Warning
- FITS ALL LOUPE SYSTEMS
- Slim, Small, and Super Light



Actual size

BEST FOR:
Medium to long working distances
Low to High magnification

RADHUM	
Intensity	Up to 5400 foot candles (58,125 lux)
Filter	Anti-Curing
LED Life	50,000 hours
Weight	13 grams
Spot Size	4.25" (at 18" working distance)

RADHUM - Bi-Convex Micro Lens combines intensity and edge to edge evenness into a large and defined light spot. The compact lens allows for incredibly small and lightweight design of the headlight, but heat is not an issue as it is with many LED Micro systems. This system uses unique heat dissipating double hinge arms to safely remove heat from the areas of the system accessible by the user.

Quick disconnect style mount attaches to a headband or almost any loupe system in the world.



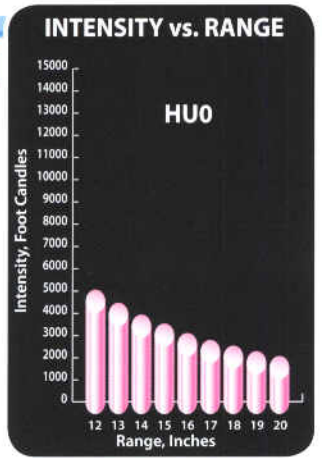
Actual size

BEST FOR:
Short Working Distances
Low Magnification

RADHU0	
Intensity	Up to 5000 foot candles (53,819 lux)
Filter	Anti-Curing
LED Life	50,000 hours
Weight	18 grams
Spot Size	6" (at 18" working distance)

RADHU0 - Features a new solid internal reflecting optic with external micro etch that evens out hot spots. Produces a large diffused beam of light that will completely cover most any working area.

Quick disconnect style mount attaches to a headband or almost any loupe system in the world.



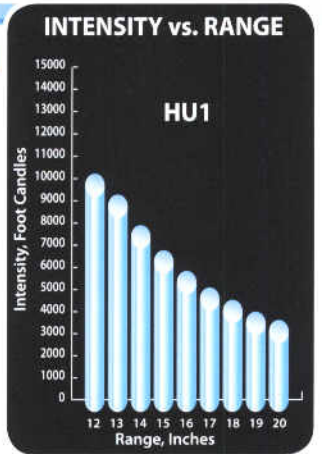
Actual size

BEST FOR:
Long Working Distances
Low to High Magnification.

RADHU1	
Intensity	Up to 10,000 foot candles (107,639 lux)
Filter	Anti-Curing
LED Life	50,000 hours
Weight	14 grams
Spot Size	3" (at 18" working distance)

RADHU1 - Specially engineered lens that performs similar to an aspheric lens but without the additional weight. The concentric ring of this Fresnel type lens concentrates the light into an intensely bright compact spot.

Quick disconnect style mount attaches to a headband or almost any loupe system in the world.



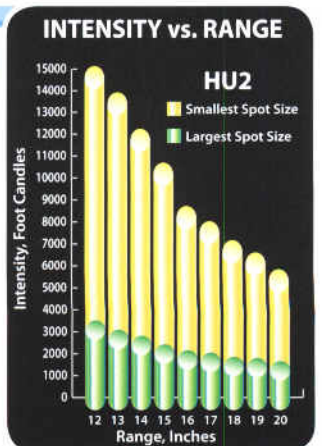
Actual size

BEST FOR:
Maximizing and Matching Spot Size to working distance and magnification level.

RADHU2	
Intensity	Up to 15,000 foot candles (161,469 lux)
Filter	Anti-Curing
LED Life	50,000 hours
Weight	20 grams
Spot Size	Adjustable up to 3-3/4" (at 18" working dist.)

RADHU2 - Allows the user to dial in the spot size that performs best. This multi-lens system produces a clean even spot with relatively sharp edges. Its specially designed anti-curing filter stays in place even during spot adjustment.

Quick disconnect style mount attaches to a headband or almost any loupe system in the world.





Actual size

BATTERY PACK	
Battery Life	5 hrs (High) 10 hrs (Med) 17 hrs (Low)
Battery Type	Lithium Ion (no memory recharge)
Weight	5 oz.
Size	2.5" x 3.25"

CHARGER	
Charge time	Up to 4 hours
Input	Universal 100V - 240V
Plug	US, EU, UK, and AU



BATTERY PACK—Experience all day usage from the Radiant™ battery pack's micro-controlled circuit.

- Proprietary circuit efficiently controls LED operation to fully maximize the available power of the no memory Lithium Ion Batteries (Li-Ion).
- The circuit constantly adjusts battery draw to maintain constant intensity throughout 99% of the battery life. The 5 - 17 hours of power will surely outlast most any procedure but "low battery" warnings programmed into the circuit help to never leave a user without light giving power.
- Battery pack's precision intensity settings allow quick, accurate and repeatable setting of the exact desired intensity.

CHARGER—The Radiant™ battery charger universally charges the Radiant™ battery pack from any AC power source (100v - 240v input).

- 100v - 240v input
- Plug types: US, European, UK, and Australian.



Flip-up Anti-Curing Filter

Radiant™ LED Systems Include:



Chart A: Mounting Codes for All Loupe Types

BRAND	FLIP CODE	TTL CODE
Q-Optics	M-QFE	M-QTTL
Carl Zeiss	M-CZ	
Designs for Vision		M-TTL
Heine	M-CO	
Keeler	M-KE	
Microsurgery Inst	M-CO	
Orasoptic before 2007	M-QF	M-TTL
Orasoptic 2007 or after	M-OR	M-TTL
Perioptics	M-SV	
Sheervision	M-SV	M-TTL
Surgitel	M-SU	M-TTL

Mounts Without Magnification

Safety Frames	M-CO
Eyeglasses	M-CO
Headbands	M-HB



Radiant™ Lighted Instrument System –
(LED system and your choice of instrument).

Kit includes:

- Battery Pack
- Instrument Attachment
- System Charger
- Choice of Lighted Instrument

RADSYS-INST.

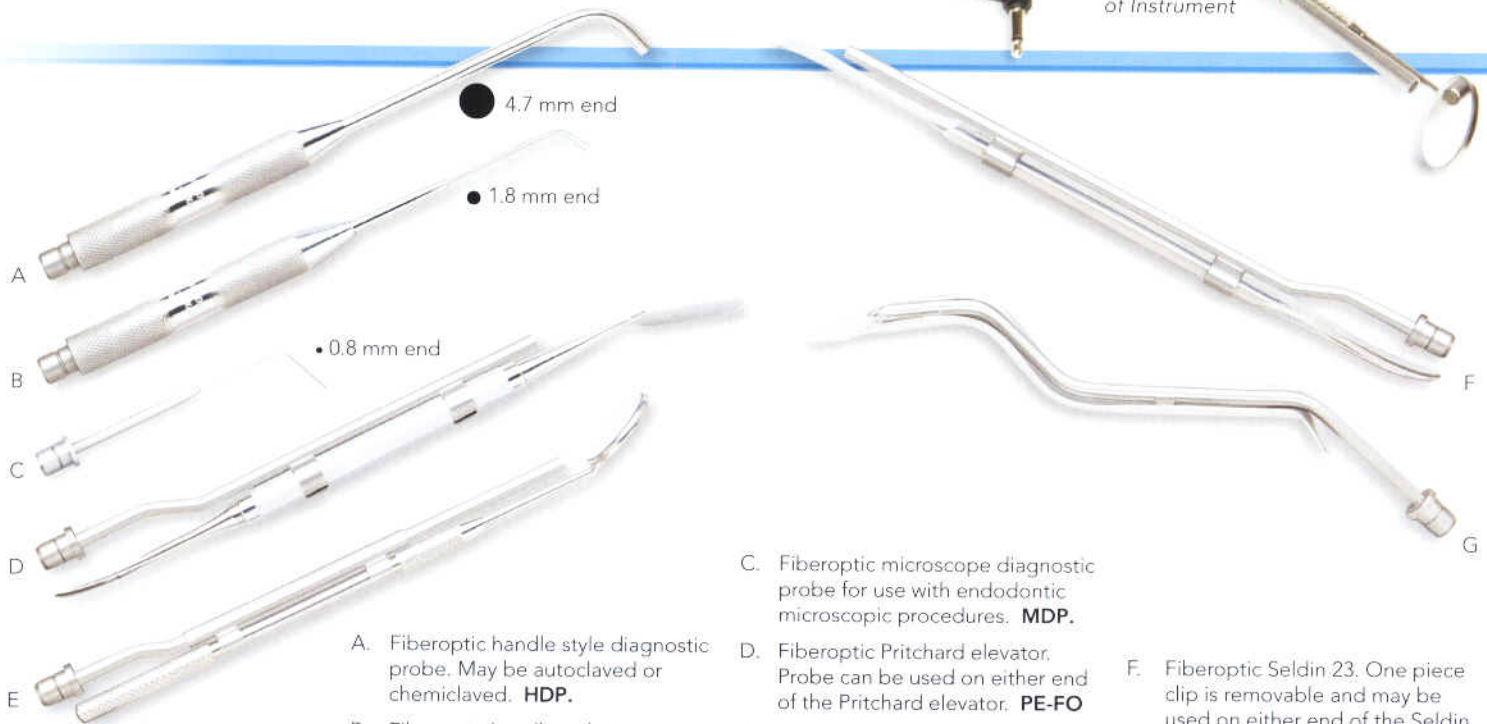


Add a Radiant™
Lighted Instrument:

Kit includes:

- Instrument Attachment
- Choice of Lighted Instrument

RADIPK.



A. Fiberoptic handle style diagnostic probe. May be autoclaved or chemiclaved. **HDP.**

B. Fiberoptic handle style micro diagnostic probe. Allows pinpoint precision and access to narrow and tight areas. **HDP-02.**

C. Fiberoptic microscope diagnostic probe for use with endodontic microscopic procedures. **MDP.**

D. Fiberoptic Pritchard elevator. Probe can be used on either end of the Pritchard elevator. **PE-FO**

E. Fiberoptic mouth mirror. Fiberoptic can be removed and used as diagnostic probe. **MM-FO.**

F. Fiberoptic Seldin 23. One piece clip is removable and may be used on either end of the Seldin **SE23-FO.**

G. Fiberoptic Minnesota retractor. **MR-FO.**



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