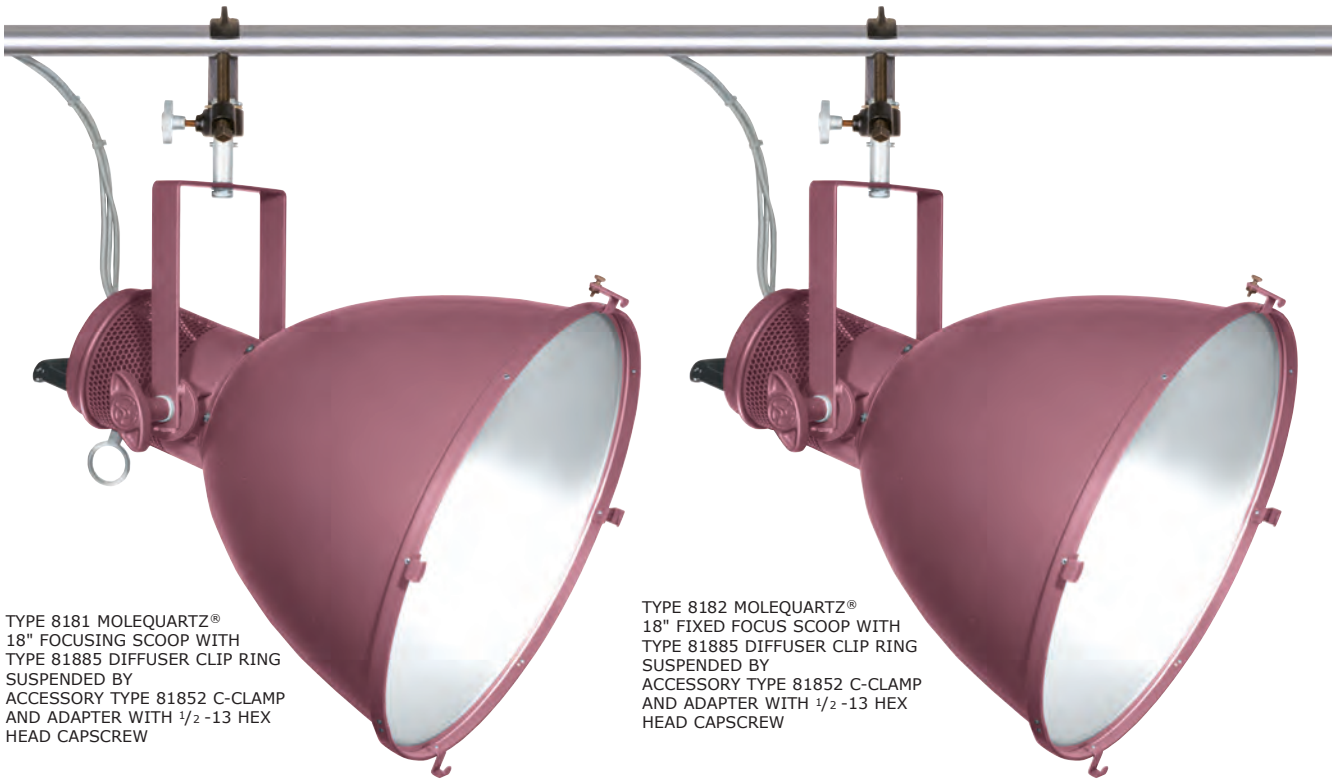
TYPE 8181 & 8182

2,000 WATT MOLEQUARTZ® 18" FOCUSING & FIXED FOCUS SCOOP



TYPE 8181 MOLEQUARTZ®
18" FOCUSING SCOOP WITH
TYPE 81885 DIFFUSER CLIP RING
SUSPENDED BY
ACCESSORY TYPE 81852 C-CLAMP
AND ADAPTER WITH 1/2 -13 HEX
HEAD CAPSCREW

TYPE 8182 MOLEQUARTZ®
18" FIXED FOCUS SCOOP WITH
TYPE 81885 DIFFUSER CLIP RING
SUSPENDED BY
ACCESSORY TYPE 81852 C-CLAMP
AND ADAPTER WITH 1/2 -13 HEX
HEAD CAPSCREW

FEATURES

The latest technology is incorporated in this new Scoop design. Designed for minimum shadows with Quartz Tungsten-Halogen 3200°K, 500 hour long life globe. Gives soft fill-light for lighting backings or cycs in Television, Motion Picture and Still Photography. Molebrite® Alzak reflector produces smooth diffused illumination. Flow-thru ventilation, even with color filters. Optional diffuser frame mounting—clips or square front. Easy focus by hand or pole from floor on Type 8181.

Type 8181 Molequartz® 18" Focusing Scoop with Type 81885 Diffuser Clip Ring, accessory Type 8183 Yoke to 1 1/8" Spud Adapter and special 25 foot cable, mounted on Type 410138 Junior Size Standard Stand

Type 8182 Molequartz® 18" Fixed Focus Scoop with accessory Type 8185 Square Diffuser Holder suspended by accessory Type 81852 C-Clamp and Adapter

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Mole-Richardson Co.

TYPE 8181 & 8182

2,000 WATT MOLEQUARTZ® 18" SCOOPS

GLOBE TABLE

Base, Mogul screw. Burn any position.
T-8 bulb; 5¼" L.C.L.

Watts	Ordering Code	Color Temp.°K	Finish	Volts	Life Hours	Amps
2000	BWG	3200	Frost	120	500	16.7
2000	BWF	3200	Clear	120	500	16.7

Globes not included in price of lamp.
See price list for complete details

SPECIFICATIONS

HEADS: Type 8181 & 8182, 2,000 watts.
RATING: 120/240 volts, A.C. or D.C., 16.7 amps max.—2,000 watts max.
SOCKET: Mogul screw with spring loaded contact.
SWITCH: *Standard fixture:* No switch.
Special fixture: Thru-cord type in cable.
CABLE: *Standard fixture:* Three #12 extra flexible 36" "K" Fiber leads (Type AA).
Special fixture: 25 feet, Type S, 3 conductor #14 AWG with thru-cord switch.
(when ordering specify type of plug required)
CONSTRUCTION: Aluminum reflector. Solid and perforated sheet steel.
YOKE: Heavy strap yoke which accepts ½" dia. hardware. Type 8183 1⅛" Yoke Pin required when used with stands, hangers and adapters accepting 1⅛" dia. yoke pin.
REFLECTOR: Aluminum, special Molebrite® Alzak surface. 18" diameter.
FOCUSING: Type 8181 1½" I. D. focusing ring for hand or pole operation.
FINISH: Baked maroon enamel.
SIZE: 20¼" x 20⅜" x 20⅛" (With standard Diffuser Clips)
21" x 20½" x 20½" (With optional Square Diffuser Holder)
HEAD WEIGHTS:
12¾ lbs. (With standard Diffuser Clips)
15¼ lbs. (With optional Square Diffuser Holder)
CABLE WEIGHTS:
6 oz. #12 "K" Fiber leads — 36 inches
6¼ lbs. #14 AWG, Type S — 25 feet

ACCESSORIES

81849	Molequik Diffuser Frame
8185	Square Diffuser Holder Optional, specify when ordering. May be attached to fixture instead of 81885 Diffuser Clip Ring.
81885	Diffuser Clip Ring Standard and attached to fixture.
8183	Yoke Pin (1⅛") Fits any Junior Size Stand, Hanger or Adapter.
81852	C-Clamp and Adapter with ½ -13 Hex Head Capscrew
81861	Safety Cable
410138	Junior Size Standard Stand (See Stand Section for more information & options)

Type 81849
Molequik Diffuser Frame

Type 8185
Square Diffuser Holder

Type 8183
Yoke Pin
1⅛" Dia.

Type 81852
C-Clamp & Adapter with
½-13 Hex Head Capscrew

PERFORMANCE DATA

Using BWG (frosted) 2,000 Watt, 120 volt, 3200° K quartz globe.

Type 8181 18" Focusing Scoop				
Distance Feet	Light Intensity F.C.		Beam Diameter* Feet	
	Max. Flood	Min. Spot	Max. Flood	Min. Spot
10	200	450	13.5	7.5
15	90	200	20.4	11.2
20	50	110	27.2	14.9
25	30	70	34.0	18.7
30	20	50	40.8	22.4
35	15	35	47.6	26.1
40	10	30	54.4	29.9

Type 8182 18" Fixed Focus Scoop		
Distance Feet	Light Intensity F.C.	Beam Diameter* Feet
10	200	13.6
15	90	20.4
20	50	27.2
25	30	34.0
30	20	40.8

*Light tapers smoothly at edge of field. Dimensions listed define flat area boundaries at which the intensities are approximately 50% of tabulated intensities at beam center.

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