

# USHIO

## HALOGEN PAR LAMPS

### PRO-PAR™ SERIES



### PAR 20, 30, 30 LONG NECK, & 38 FOR GENERAL LIGHTING

USHIO's Halogen PRO-PAR™ lamps combine a multi-layered coating process for improved reflectivity and beam control with a unique filament mount that utilizes a center support. The 3-support mount provides an additional layer of protection against failures due to minor vibration. These lamps are ideal for accent and display lighting environments.

Halogen PRO-PAR™ lamps can save up to 60% in energy costs as a direct replacement for higher wattage incandescent reflector lamps. Not only are they an energy efficient option, they are a whiter (2900K) and brighter alternative to incandescent lamps with excellent color rendering properties (100 CRI).

Available in wattages ranging from 35W to 120W in sizes PAR20, PAR30, Long Neck PAR30 and PAR38 with beam patterns including Spot, Flood, Narrow Flood and Wide Flood.

## FEATURES & BENEFITS

- Center Support Filament Mount — Extra protection against vibration and filament sag
- Multi-Layered Aluminized Reflector — Additional layers of coating provides an improved beam pattern and protects against reflector degradation
- Energy Saving — Saves up to 60% in energy costs vs. incandescent reflector lamps

## APPLICATIONS

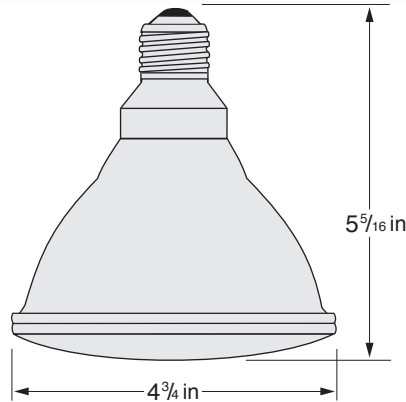
- Retail Store Display Lighting
- Downlights in Offices, Hotels, Retail Establishments
- Track Lighting
- Accent Lighting
- Indoor / Outdoor Flood Lighting

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## PRO-PAR™ 38

2900K Color Temperature  
E26 Medium Screw Base  
Universal Burn Position

## CHARACTERISTICS & SPECIFICATIONS



PAR-38

Watts (W)	Ushio Ordering Code	Ushio Lamp Description	Volts (V)	Beam Angle	Center Beam (cp)	Approx Lumens (lm)	Avg Life (h)	Ratings @ 120V		
								Watts (W)	Lumens (lm)	Avg Life (h)
<b>PRO-PAR™ 38</b>										
Ⓢ 45	1001487	45PAR38/SP10/120V	120	10°	7000	520	2900	—	—	—
Ⓢ 45	1001488	45PAR38/SP10/130V	130	10°	7000	520	2500	40	400	5000
Ⓢ 45	1001483	45PAR38/FL30/120V	120	30°	2000	520	2500	—	—	—
Ⓢ 45	1001484	45PAR38/FL30/130V	130	30°	2000	520	2500	40	400	5000
Ⓢ 45	1001489	45PAR38/WFL50/120V	120	50°	600	520	2500	—	—	—
Ⓢ 45	1001490	45PAR38/WFL50/130V	130	50°	600	520	2500	40	400	5000
Ⓢ 60	1002246	60PAR38/SP10/120V	120	10°	15000	720	2500	—	—	—
Ⓢ 60	1003191	60PAR38/SP10/130V	130	10°	15000	720	2500	53	560	5000
Ⓢ 60	1001530	60PAR38/FL30/120V	120	30°	3200	720	2500	—	—	—
Ⓢ 60	1003192	60PAR38/FL30/130V	130	30°	3200	720	2500	53	560	5000
Ⓢ 75	1003193	75PAR38/SP10/120V	120	10°	17500	1100	2500	—	—	—
Ⓢ 75	1003194	75PAR38/SP10/130V	130	10°	17500	1100	2500	53	560	5000
Ⓢ 75	1001725	75PAR38/FL30/120V	120	30°	3500	1100	2500	—	—	—
Ⓢ 75	1003195	75PAR38/FL30/130V	130	30°	3500	1100	2500	53	560	5000
Ⓢ 90	1001556	90PAR38/SP10/120V	120	10°	19500	1300	2500	—	—	—
Ⓢ 90	1001557	90PAR38/SP10/130V	130	10°	19500	1300	2500	79	1015	5000
Ⓢ 90	1001553	90PAR38/FL30/120V	120	30°	5000	1300	2500	—	—	—
Ⓢ 90	1001554	90PAR38/FL30/130V	130	30°	5000	1300	2500	79	1015	5000
Ⓢ 90	1001558	90PAR38/WFL50/120V	120	50°	1500	1300	2500	—	—	—
Ⓢ 90	1001559	90PAR38/WFL50/130V	130	50°	1500	1300	2500	79	1015	5000
Ⓢ 120	1003068	120PAR38/FL30/120V	120	30°	8000	1900	2500	—	—	—

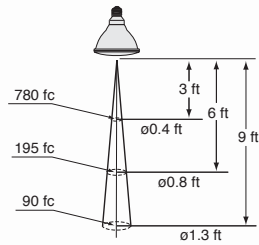
Ⓢ = This Bulb Meets US Federal Minimum Efficiency Standard

Only for use in approved Halogen fixtures  
Case Quantity: 15/case

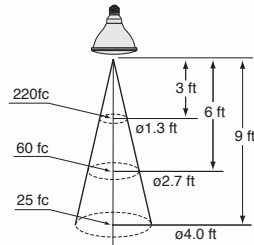
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## PRO-PAR™ 38

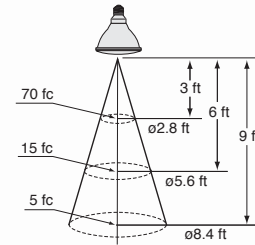
## PHOTOMETRICS



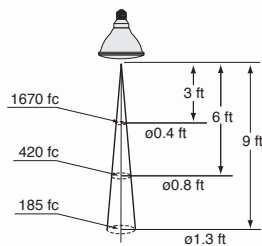
45W PAR38 SPOT 10°



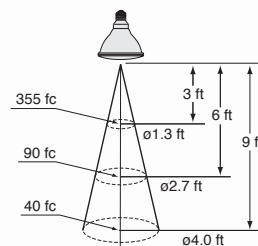
45W PAR38 FLOOD 30°



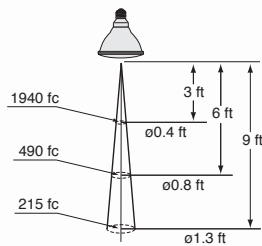
45W PAR38 WIDE FLOOD 50°



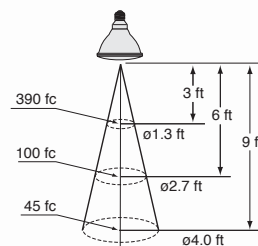
60W PAR38 SPOT 10°



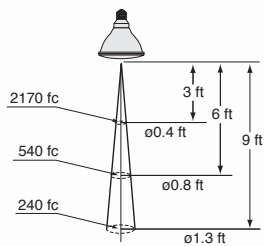
60W PAR38 FLOOD 30°



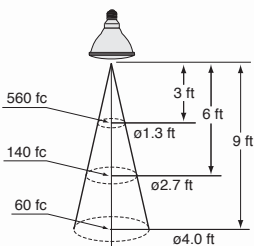
75W PAR38 SPOT 10°



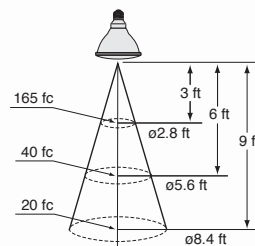
75W PAR38 FLOOD 30°



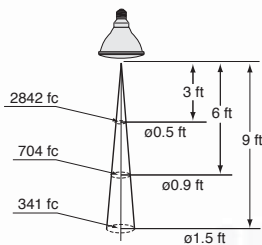
90W PAR38 SPOT 10°



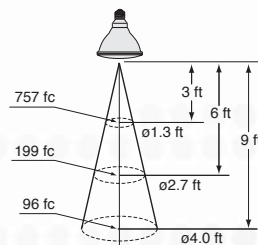
90W PAR38 FLOOD 30°



90W PAR38 WIDE FLOOD 50°



120W PAR38 SPOT 12°



120W PAR38 FLOOD 30°



## HALOGEN PAR LAMPS

- **DANGER!** Halogen lamps operate at extremely high temperatures that can cause serious physical injuries and property damage.
- Only use Halogen lamps in Halogen approved fixtures.
- Do not use Halogen lamps in close proximity of paper, cloth or other combustible materials that can cause a fire hazard.
- Lamps are very fragile. Do not drop, crush, bend or shake them. Vibration or impact will cause filament breakage and short lamp life.
- Never touch the lamp when it is on, or soon after it has been turned off, as it is hot and may cause serious burns.
- Do not look directly at the operating lamp for any period of time; this may cause serious eye injury.
- Always turn off the electrical power before inserting, removing, or cleaning the lamp.
- Affix the lamp securely in the socket. Improper installations will cause electrical arcing, overheating and short life to lamp and socket. Replace lamp holders and sockets when necessary.
- Make sure lamps of specified wattage and voltage are only used in appropriately rated fixtures. Unspecified use will lead to short lamp life, breakage and overheating of fixture.
- Lamps should not be operated beyond the total rated voltage. Avoid the use of dimmers that may drive your lamp over its rated voltage.
- Use an external fuse when required.
- Do not allow one lamp to directly expose another. This may lead to overheating and shortened lamp life.

**Distributed by:**

Form No. S-PAR/R-0211: The specifications on this sheet supercede all previously published specifications and may be subject to change for design and specification improvement without prior notice.

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