



# SPOTLIGHT

*In this spotlight review we take a look at what is the true distance of usable light. This is when we (three of us), were able to clearly make out a single sheet of white A4 paper mounted to a timber peg.*

*Our method for this review was fairly simple, place a sheet of A4 paper with a cardboard backing, screw it to a timber peg and drive it into the ground at the base of the Butts at Raglan Rifle Range, then starting at the 1100metre mound turn on the spotlight and keep driving forward until all three of us could clearly make out the sheet of paper. Given that the distance is set the outcome is well, exactly what it is.*

*The night was not ideal for the test with a near full moon, but seeing that I have no control over moon phases it is what you would expect if you were out hunting.*

*First we will take a look at the mounted lights and then we will look at the hand held lights.*



Powa Beam PRO 9,  
245mm 9" 12 volt 55 watt Xenon  
HID Remote

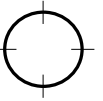
700metres - field of view @  
700metres approximately  
20-25metres

Casting a concentrated tunnel of light down range, delivering a spot of light, that allowed all three to see the A4 sheet of paper clearly visible at a distance of 700metres, Powa Beam's Pro 9" 12 volt 55watt HID would be ideal for the professional shooter or those of you that hunt open and large scale cropping country in what seems to be an endless night sky, the Pro 9 55 watt Xenon HID delivers a crisp clear light from

a well constructed, durable spun aluminium outer case that protects the heart of any light, a quality reflector. This light is specifically designed and built to deliver many years of service.

Powa Beam Powa strut door  
mounted spotlight remote

The twin gas strut design of Powa Beam's door mounted spotlight remote, provides positive lock-down pressure within the door window frame without damage to either the window channel seal or the bottom window seal. Fitted with the 245mm/9" 55watt HID light and tested at speeds reaching 45Kph on property roads, the door mounted spotlight remote proved to be extremely stable.



The durable high density foam fitted to the top and bottom mounting plates, provides very good cushioning that not only protects the door of the vehicle from damage, but it also absorbs vibrations that are generated from rough corrugated roads. Installation is a breeze, with no tools required the door mounted remote is simply placed where a comfortable driving or seating position is achieved, mounting the remote within easy reach for operation. With the availability of two remote handle lengths (short 160mm, long 230mm) it is possible to set the remote up to suit personal requirements.

Adjusting the amount of resistance allowing the light to hold the position required “hands free,” is simply done via the two 10mm Nyloc-nuts located on the topside follower, that when tightened evenly increases the load (resistance) on the ball-knuckle.

Brilliant in design with very little in the way of moving parts, Powa Beam’s remote door mount is further enhanced with the components fabricated from 316 stainless steel that is cut using a high pressure water cutter, producing a quality professional finish. The TIG welded mounts located on the top and bottom mounting plates provide a secure point for the gas struts to be mounted and compliments the overall standard of the remote. Being Australian made, it is certainly built to last. Jeff the owner of Powa Beam Australia, informs me that they are currently working on a new model.

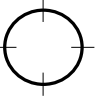
The only small improvements that “I believe” would further enhance the Powa Beam door mounted remote is to have the on/off switch mounted within easy reach of the handle, as well as incorporating a heavy duty coil type power cable.



Powa Beam PRO 9,  
245mm 9" 12 volt 100watt Quartz  
Halogen Remote  
600metres - field of view @  
600metres approximately  
10-15metres

The 100 watt Quartz Halogen arrangement  
fitted into the 9"/245mm spot light delivers a  
clear working light out to a distance of 600metres  
and when compared with the HID equivalent, it  
delivers a less intense light and is slightly smaller  
in diameter for the given distance. This is a good  
quality light, that maybe an alternative to the HID  
light, if RF interference occurs.





Powa Beam PL175,  
175 mm 7" 12 volt 55 watt Xenon  
HID Remote  
500metres - field of view @  
500metres approximately  
10-15metres

Boasting 500metres of concentrated light, the  
smaller physical size and weight of Powa Beam's  
7"/175mm lights make it ideal for a roof mounted  
light. Being a good deal lighter together with its  
smaller diameter than the 9"/245mm light the 7"  
light reduces the risk of damage to the vehicles  
turret, not an issue with the old school 4x4 that  
were made with a little more steel back in the day.



Powa Beam PL 175,  
175mm 7" 12 volt 100 watt Halogen  
Remote

500metres - field of view @  
500metres approximately  
10-15metres.

Certainly an old favourite amongst many hunters "I wouldn't mind a dollar for each one of these I have seen mounted to a vehicle over the years".

With a spare globe in the glove box this particular light is near unstoppable and as for performance throws a quality spot of light out to 500metres with little effort. Also available in a hand held spot light. Call or go to Powa Beam's web sight to view their full range.