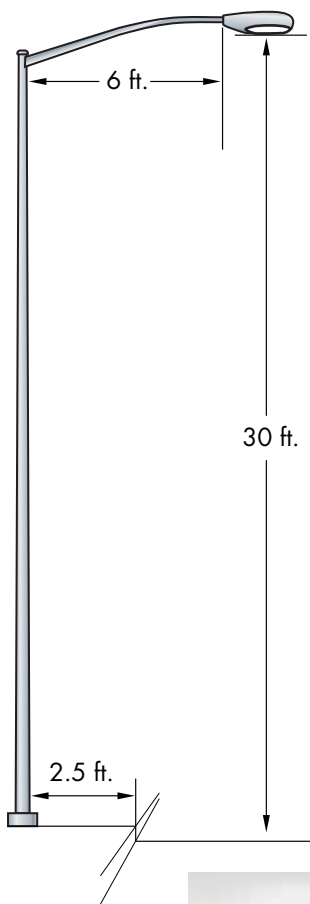
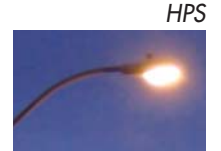


### FULL CUTOFF STREET LIGHTING CHOICES

Venture Lighting International, a leading manufacturer of metal halide lighting systems, now offers the RIO (Retrofit Integrated Optics) System to surpass other technologies for full cut off street lighting options. The RIO System provides a high efficiency, environmentally friendly solution with superior quality white light for street lighting applications that also produces up to 30,000 hours of rated life.

The immense energy savings delivered by the RIO solution are further enhanced with the cost savings of repurposing the existing fixtures.

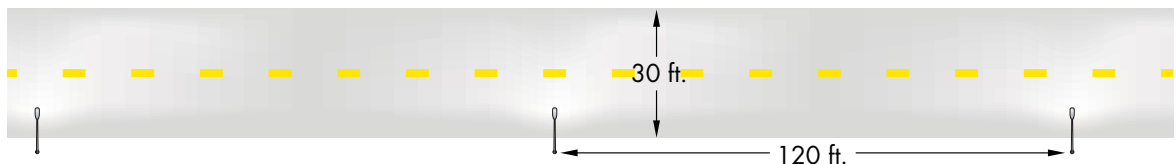
- 45W RIO delivers equal light levels as 100W HPS with 60% energy savings
- 60W RIO delivers more light than 84W LED with 45% energy savings
- 90W RIO delivers twice the light of 100W HPS with 17% energy savings



Roadway Lighting Comparison						
	100W HPS	85W Induction	84W LED	90W RIO	60W RIO	45W RIO
Lumens	9,500	6,000	6,621*	10,500	6,900	4,950
Input Wattage	120	99	84	99	65	49
Avg Maintained Ftc	0.49	0.39	0.62	<b>1.09</b>	<b>0.72</b>	<b>0.51</b>
Min Maintained Ftc	0.27	0.06	0.47	0.55	0.36	0.26
<b>UNIFORMITY</b>						
Average / Minimum	1.8 : 1	7 : 1	1.3 : 1	2 : 1	2 : 1	2 : 1
Maximum / Minimum	3.9 : 1	16 : 1	1.7 : 1	<b>3.3 : 1</b>	<b>3.3 : 1</b>	<b>3.2 : 1</b>
Delivered Maintained Lumens	1,764	1,404	2,232	<b>3,924</b>	<b>2,592</b>	<b>1,872</b>
Delivered Maintained Lumens / WATT	15	14	27	<b>40</b>	<b>40</b>	<b>38</b>

Local Roadway: 30' Wide  
Luminaire Spacing | Mounting Height | Arm Length : 120' | 30' | 6'  
Pole Arrangement | Pole Setback : One Side | 2.5'

NOTE: \* = Total luminaire lumens



For more information about RIO systems, visit:  
[VentureLighting.com/RIO](http://VentureLighting.com/RIO)

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**VentureLighting.com**

Venture's RIO  
Lamp Module



Ventronic™ Ballast



**VENTURE**  
**LIGHTING**