

QL Induction Lighting Systems

55, 85 and 165 Watt Systems offering electrodeless technology with an amazing 100,000 hours rated average life



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Ideal for decorative street lighting, bridges and tunnels, hazardous areas, freezers and hard-to-reach applications

- ▶ **Ultra-Long Life**
 - 100,000 hours rated average life
 - Virtually maintenance free
- ▶ **Crisp White Light**
 - 80+ CRI
 - Choice of color temperature
- ▶ **No Color Shift**
- ▶ **High Reliability–Instant Hot and Cold (Re)start**
- ▶ **Operates in Hot and Cold Environments**
 - Amalgam control
- ▶ **Low EMI**
 - Complies with FCC Non-Consumer Limits
- ▶ **High Lumen Output**
 - Up to 12,000 lumens
 - Traditional lamp design
- ▶ **Visit Our Website at www.ql-lighting.com**



PHILIPS

QL Induction Lighting System: 55, 85 and 165 Watt Systems

Electrical, Technical and Ordering Data (Subject to change without notice)

Product Number	Ordering Code	Watts	Std. Pkg. Qty.	Description	MOL (In.)	Rated Average Life (Hrs.) ¹	Approx. Initial Lumens ²	Approx. Mean Lumens ³	CRI	CCT(K)
27636-0	QL 55W/S13	55	6	Generator, 120V	5 1/2	100,000	—	—	—	—
26787-2	QL 55W/S03	55	6	Generator, 240V	5 1/2	100,000	—	—	—	—
27641-0	QL 55W/PC	55	6	Power Coupler	5 1/2	100,000	—	—	—	—
27643-6	QL 55W/830	55	6	Discharge Vessel	5 1/2	100,000	3500	2800	80	3000
27657-6	QL 55W/840	55	6	Discharge Vessel	5 1/2	100,000	3500	2800	80	4000
24665-2	QL 85W/S13	85	6	Generator, 120V	5 1/2	100,000	—	—	—	—
13548-3	QL 85W/GEN200-277V	85	6	Generator, 200-277V	5 1/2	100,000	—	—	—	—
13549-1	QL 85W/PC Twist Base	85	6	Power Coupler	6 1/2	100,000	—	—	—	—
13550-9	QL 85W/830 Twist Base	85	6	Discharge Vessel (3000K)	7 1/6	100,000	6000	4800	80	3000
13551-7	QL 85W/840 Twist Base	85	6	Discharge Vessel (4000K)	7 1/6	100,000	6000	4800	80	4000
37799-4	QL 165W/S01	165	6	Generator, 200/277V	7 1/2	100,000	—	—	—	—
36916-5	QL 165W/PC	165	6	Power Coupler	7 1/4	100,000	—	—	—	—
36917-3	QL 165W/830	165	6	Discharge Vessel	8 1/4	100,000	12,000	9600	80	3000
36918-1	QL 165W/840	165	6	Discharge Vessel	8 1/4	100,000	12,000	9600	80	4000

(1) Rated average life is the life obtained, on the average, from large representative groups of lamps in laboratory tests under controlled conditions at 10 or more operating hours per start. It is based on survival of at least 50% of the lamps and allows for individual lamps or groups of lamps to vary considerably from the average.

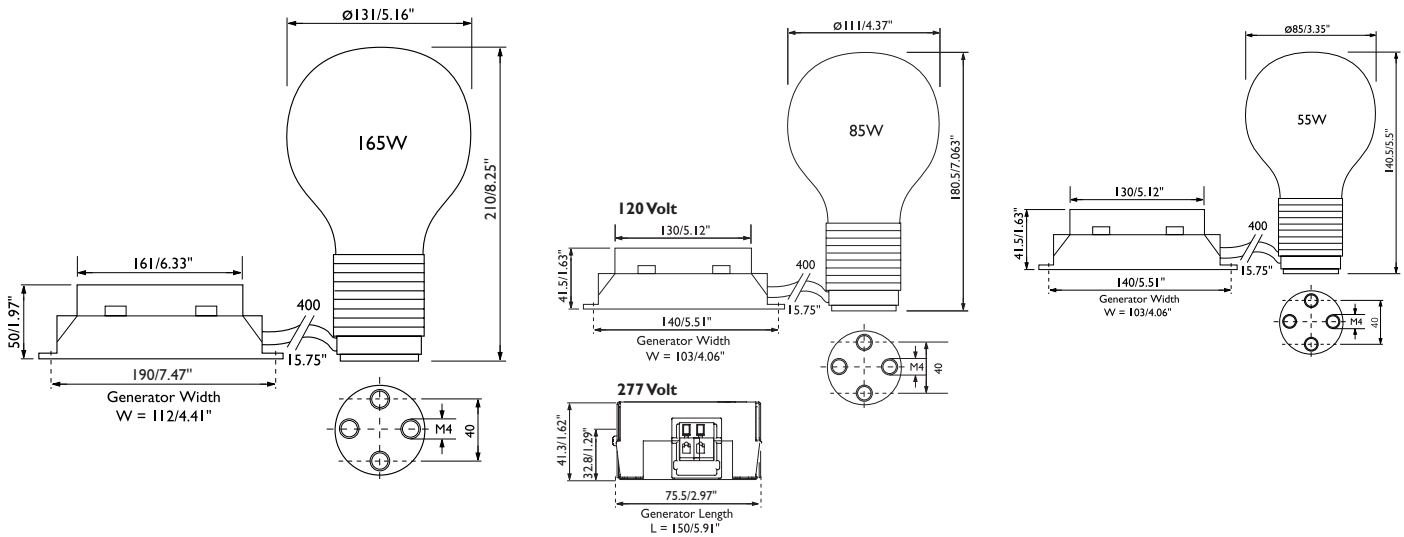
(2) Approximate lumen values listed are for vertical operation of the lamp.

(3) Approximate lumen output at 40% of lamp rated average life.

Note: QL System requires all three components to operate (order 3 product numbers).

Power Factor > .9, THD < 10%

QL System Listings: UL, CSA, FCC Class A



Note: The lamp system is UL, FCC and CSA approved. A booklet, *Philips induction lamp systems—Information for Original Equipment Manufacturers*, is available on request. Luminaire design and temperature parameters will be found in this booklet.

