



MASTER QL System

Virtually maintenance free

Ultra-long life time

Pleasing light with high visual comfort - offering a range of colour temperatures

Product Benefits

- No lamp replacement costs and inconvenience
- Lamp system design gives maximum freedom in luminaire development

Application

- Ideal for use wherever high-quality white light is required
- Indoor and outdoor general lighting
- Locations where maintenance is difficult or costly, e.g. where accessibility is poor
- Special areas like tunnels and cleanrooms
- The lamp system is especially suitable for application in explosion-free luminaires

Luminaires

- The booklet "Philips QL lamp systems - information for original equipment manufacturers" gives detailed information for developing appropriate luminaire designs

System

- HF operation ensures instant, flicker-free starting and restarting of the lamps without strobe effects

Order code	Full product name
205551 10	QL Generator 55W 100-120V UNP
205612 10	QL Generator 85W 200-277V UNP
208958 10	QL Generator 165W 200-277V UNP
205247 10	MASTER QL 55W/827 Twist Base ISL
205261 10	MASTER QL 55W/830 Twist Base ISL
205285 10	MASTER QL 55W/840 Twist Base ISL
205308 10	MASTER QL 85W/827 Twist Base ISL
205322 10	MASTER QL 85W/830 Twist Base ISL
205346 10	MASTER QL 85W/840 Twist Base ISL
201027 10	MASTER QL 165W/830 Twist Base ISL
201041 10	MASTER QL 165W/840 Twist Base ISL
205636 10	QL Power Coupler 55W Twist Base ISL
205674 10	QL Power Coupler 85W Twist Base ISL

Legend

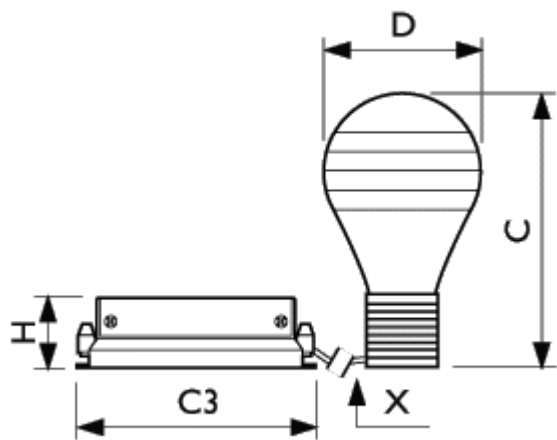
Column	Value	Explanation
Lamp Wattage	55	
	85	
	165	
Voltage	100-120	
	200-277	
Colour Code	827	CCT of 2700K
	830	CCT of 3000K
	840	CCT of 4000K

Basic specifications - Lamps

Order code	Lamp Wattage	Voltage [V]	Burning Position		Colour Code	Colour Designation	Bulb	Bulb Finish	Mercury (Hg) Content [mg]	Colour Rendering Index
205551 I0	55	100-120	any							
205612 I0	85	200-277	any							
208958 I0	165	200-277	any							
205247 I0	55		any		827	Incandescent White	T85	Coated	5.0 [nom]	80 [nom]
205261 I0	55		any		830	Warm white	T85	Coated	5.0 [nom]	80 [nom]
205285 I0	55		any		840	Cool White	T85	Coated	5.0 [nom]	80 [nom]
205308 I0	85		any		827	Incandescent White	A110	Coated	5.0 [nom]	80 [nom]
205322 I0	85		any		830	Warm white	A110	Coated	5.0 [nom]	80 [nom]
205346 I0	85		any		840	Cool White	A110	Coated	5.0 [nom]	80 [nom]
201027 I0	165		any		830	Warm white	A130	Coated	7.0 [nom]	80 [nom]
201041 I0	165		any		840	Cool White	A130	Coated	7.0 [nom]	80 [nom]
205636 I0	55		-							
205674 I0	85		-							

Order code	Chromaticity Coordinate X	Chromaticity Coordinate Y	Lumen Maintenance 2000h [%]	Lumen Maintenance 15000h [%]	Lumen Maintenance 30000h [%]	Lumen Maintenance 60000h [%]	Average Luminance EL [cd/cm²]
205551 I0							
205612 I0							
208958 I0							
205247 I0	471 [nom]	416 [nom]	90 [min]	85 [min]	80 [min]	70 [min]	5.0 [nom]
205261 I0	442 [nom]	404 [nom]	90 [min]	85 [min]	80 [min]	70 [min]	5.0 [nom]
205285 I0	392 [nom]	385 [nom]	90 [min]	85 [min]	80 [min]	70 [min]	5.0 [nom]
205308 I0	476 [nom]	417 [nom]	90 [min]	85 [min]	80 [min]	70 [min]	5.0 [nom]
205322 I0	444 [nom]	404 [nom]	90 [min]	85 [min]	80 [min]	70 [min]	5.0 [nom]
205346 I0	392 [nom]	385 [nom]	90 [min]	85 [min]	80 [min]	70 [min]	5.0 [nom]
201027 I0	435 [nom]	398 [nom]	94 [min]	80 [min]	73 [min]	70 [min] 70 [nom]	7.5 [nom]
201041 I0	388 [nom]	380 [nom]	92 [min]	75 [min]	67 [min]	65 [min] 70 [nom]	7.5 [nom]
205636 I0							
205674 I0							





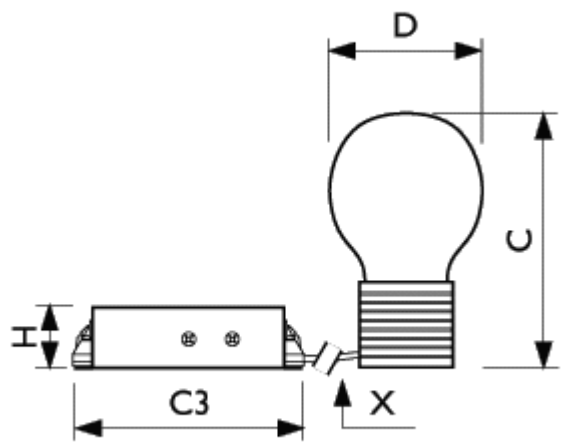
MASTER QL I65W

	C	C3	D	H	X
Dimensi on Referenc e	Max	Nom	Max	Nom	Nom
I	205.5	190	131	42.3	555

Full product name	Dimension Reference
MASTER QL I65W/840 Twist Base ISL	I
MASTER QL I65W/830 Twist Base ISL	I

Letter	Explanation
C	Overall Length C
D	Diameter D
C3	Gear Length C3

Letter	Explanation
H	Gear Height H
X	Cable Length X



Data not (yet) available

MASTER QL na 55W/85W





QL Generator 85W 200-277V



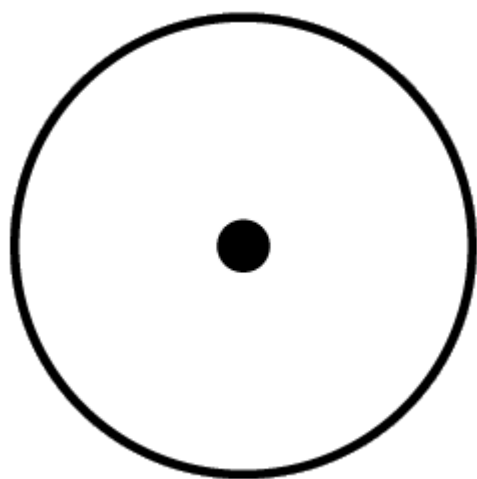
QL Generator 55W 100-120V



QL Power Coupler 85W



QL Power Coupler 55W



Burning Position any



QL Generator 55W 100-120V



QL Generator 165W 200-277V -



QL Generator 85W 200-277V

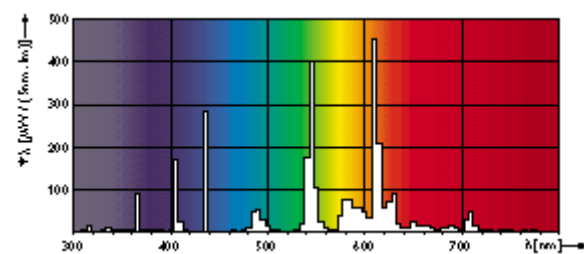
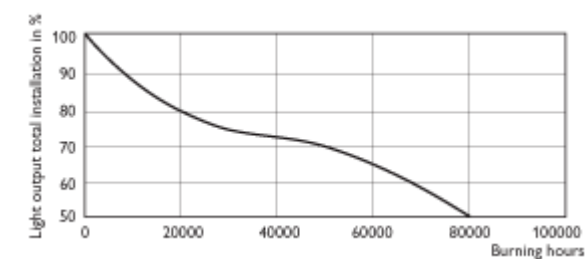
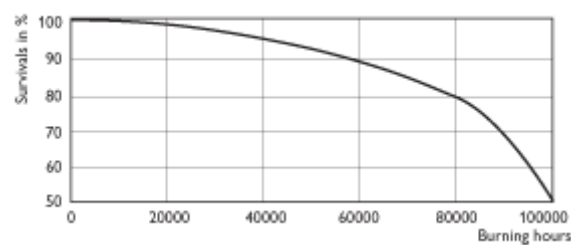
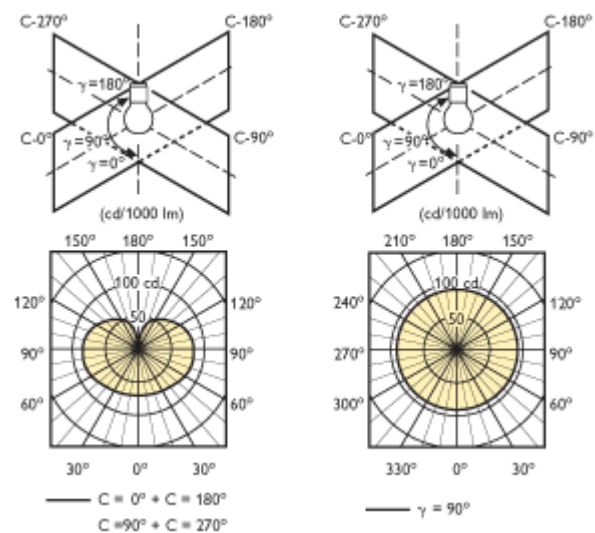
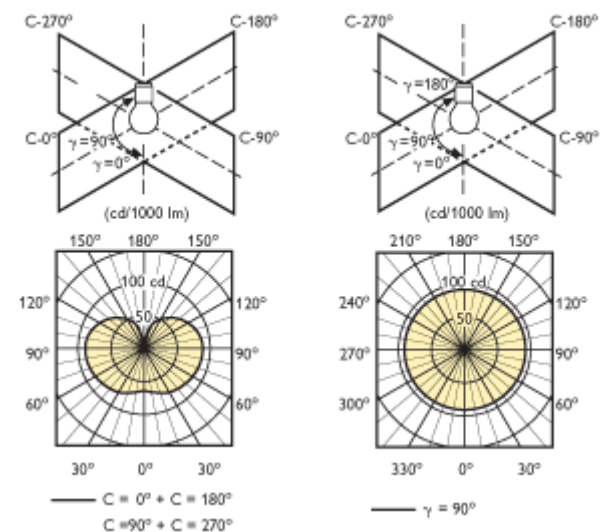
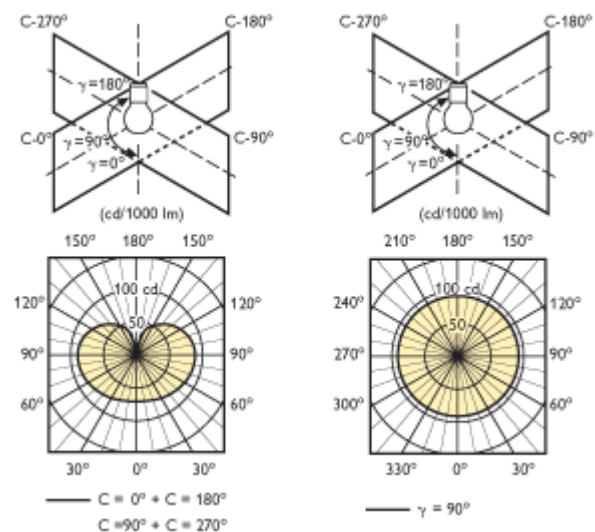


QL Power Coupler 55W



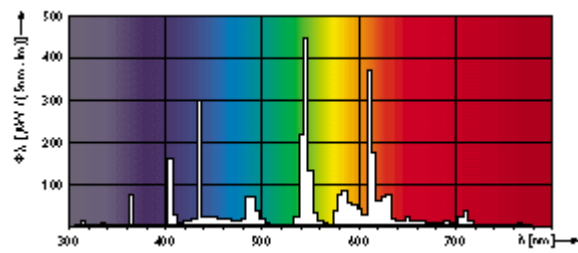
PHILIPS

QL Power Coupler 85W

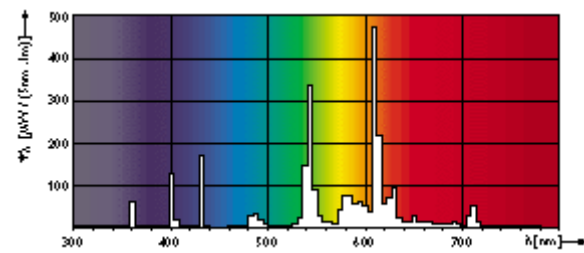


MASTER QL 165W/830
MASTER QL 165W/830

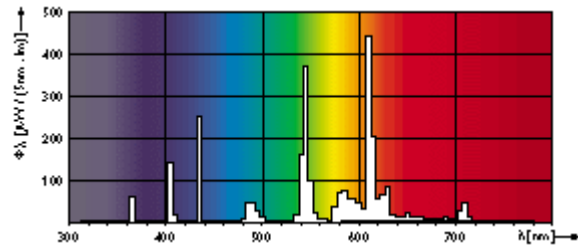
PHILIPS



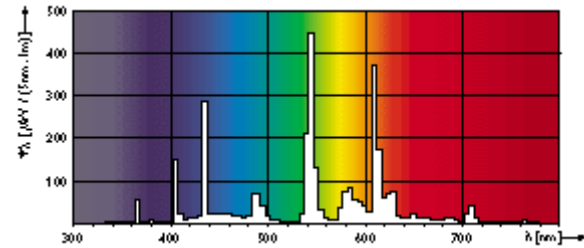
MASTER QL 165W /840 & /850
MASTER QL 165W/840/850



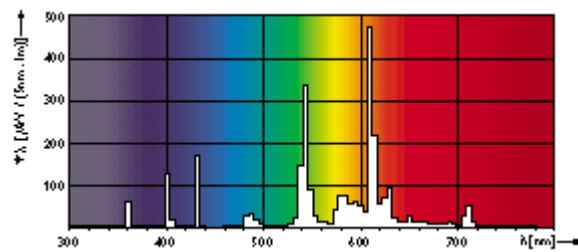
MASTER QL 55W /823 & /827
MASTER QL 55W/823/827



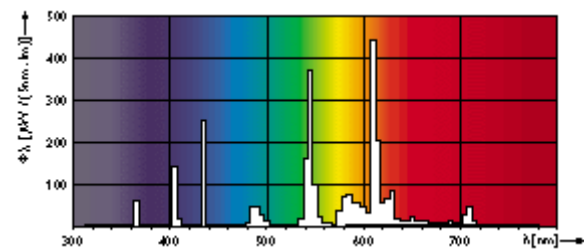
MASTER QL 55W /830
MASTER QL 55W/830



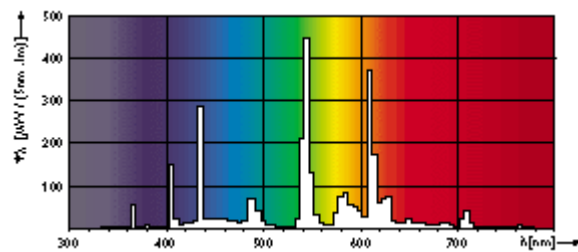
MASTER QL 55W /840 & /850
MASTER QL 55W/840/850



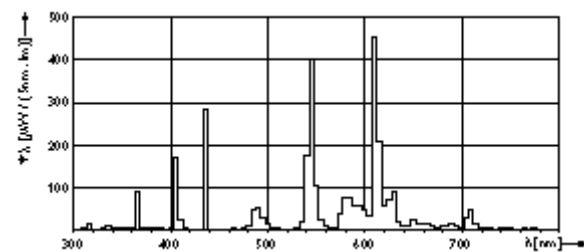
MASTER QL 85W /827
MASTER QL 85W/827



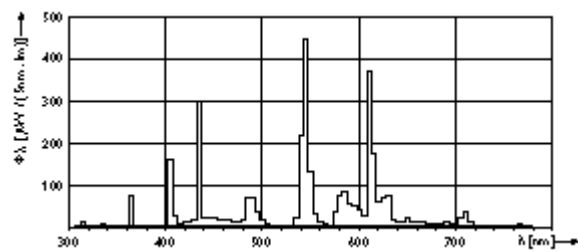
MASTER QL 85W /830
MASTER QL 85W/830



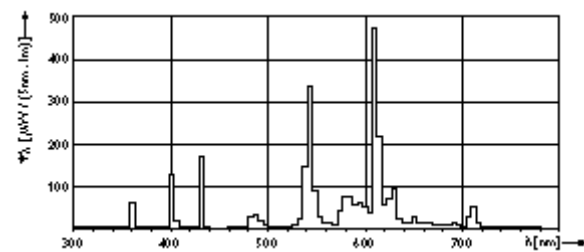
MASTER QL 85W /840 & /850
MASTER QL 85W/840/850



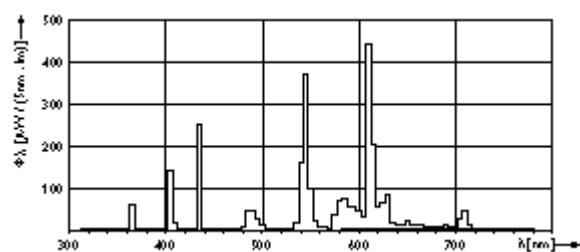
MASTER QL 165W /830
MASTER QL 165W/830



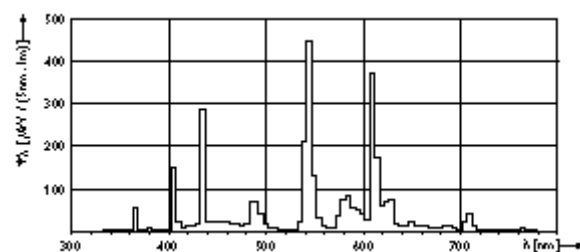
MASTER QL 165W /840 & /850
MASTER QL 165W/840/850



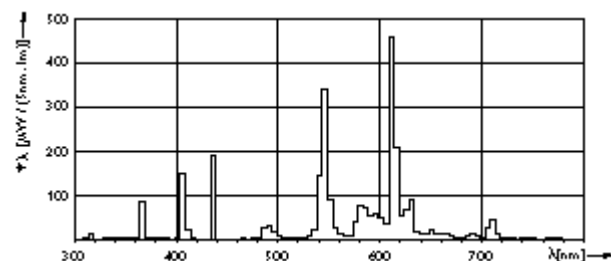
MASTER QL 55W /823 & /827
MASTER QL 55W/823/827



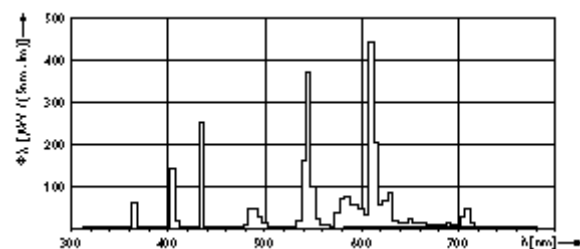
MASTER QL 55W /830
MASTER QL 55W/830



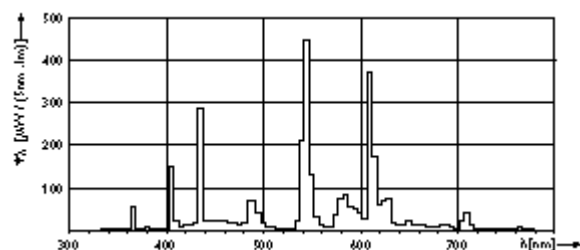
MASTER QL 55W /840 & /850
MASTER QL 55W/840/850



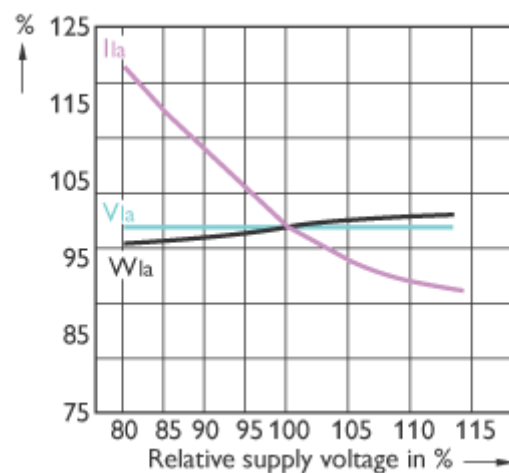
MASTER QL 85W /827
MASTER QL 85W/827



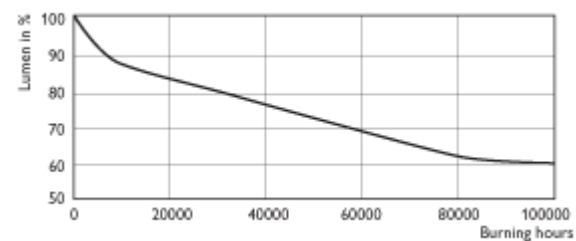
MASTER QL 85W /830
MASTER QL 85W/830



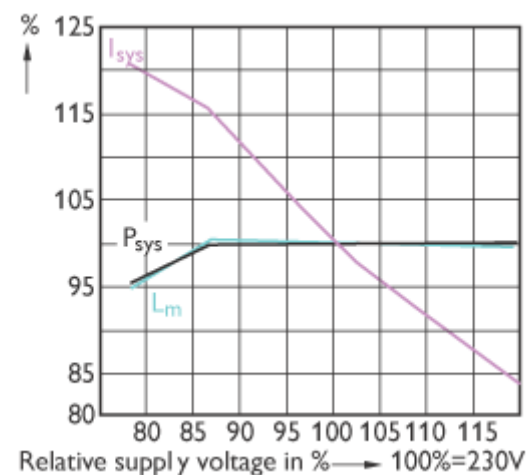
MASTER QL 85W /840 & /850
MASTER QL 85W/840/850



MASTER QL 165W

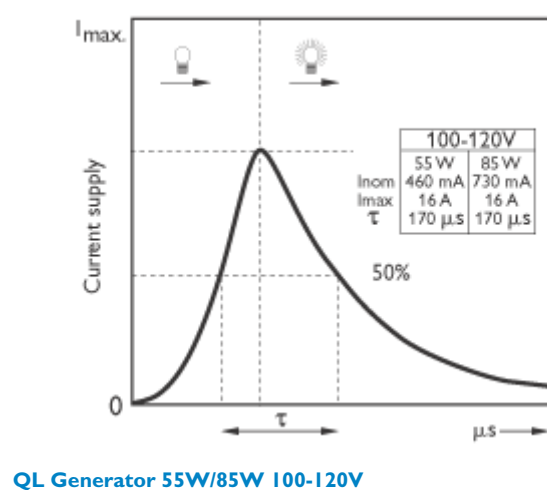
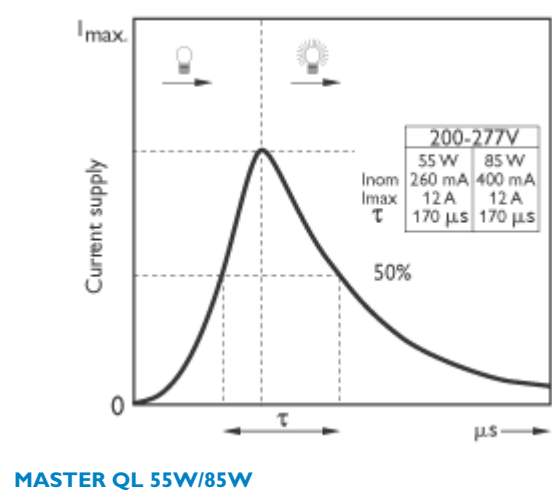
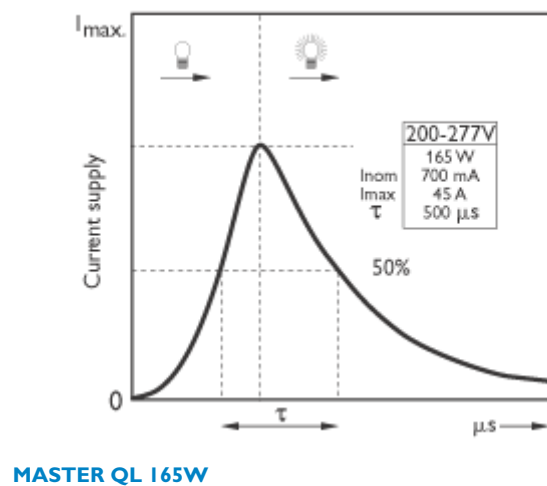
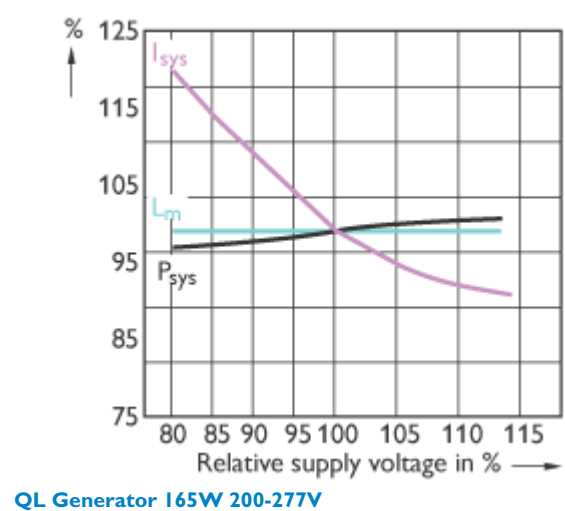
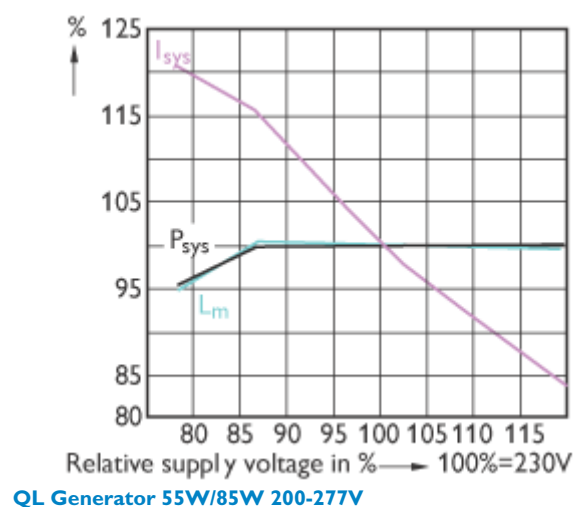
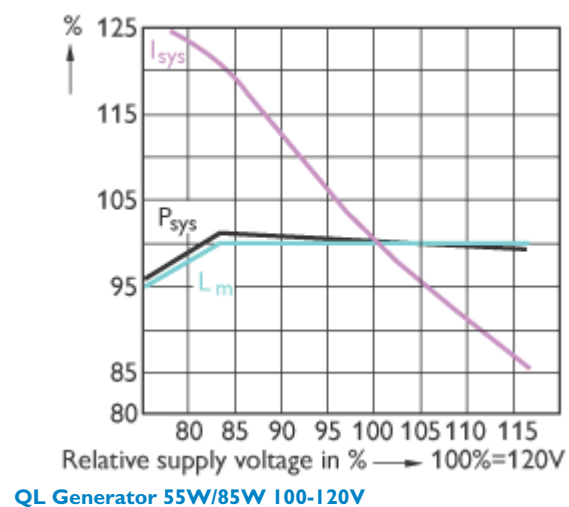


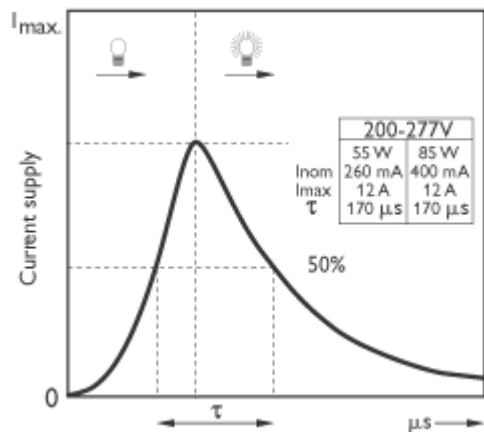
MASTER QL



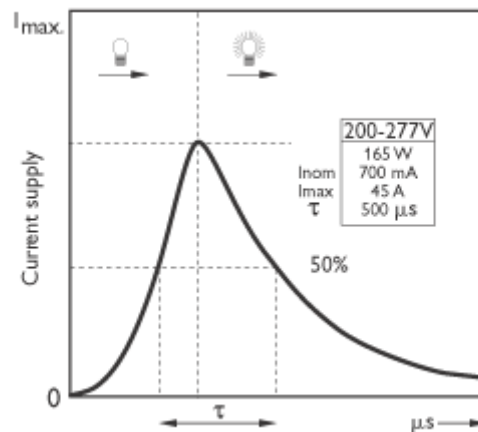
Relative supply voltage in % → 100%=230V

MASTER QL 55W/85W





QL Generator 55W/85W 200-277V



QL Generator 165W 200-277V



©2009 Koninklijke Philips Electronics N.V.

All rights reserved. Reproduction in whole or in part is prohibited without the prior written consent of the copyright owner. The information presented in this document does not form part of any quotation or contract, is believed to be accurate and reliable and may be changed without notice. No liability will be accepted by the publisher for any consequence of its use. Publication thereof does not convey nor imply any license under patent- or other industrial or intellectual property rights.

Document order number : 0000 000 00000