



GAGGIONE SAS Headquarter

3, Rue de la Rolland
01460 Montréal la Cluse
France

☎ +33 4 74 76 12 66

@ contact@gaggione.com

🌐 www.optic-gaggione.com

Sales Team in GAGGIONE

Sandrine Mancuso
France, UK, Italy, Spain

@ s.mancuso@gaggione.com

☎ +33 787 87 84 72

Antoine Le Cordier
France, Scandinavia,
Eastern and Northern Europe

@ a.lecordier@gaggione.com

☎ +33 607 37 20 28

Laurent Barel
Sales & Marketing Director

@ l.barel@gaggione.com

☎ +33 612 04 41 30

International Sales Offices

GAGGIONE Americas

Michael Pietro
12833 Surrey Ct.
Palos Park, IL
60464

@ m.pietro@gaggione.com

☎ +1 224 392 0087

GAGGIONE Asia

Zhen Xu
Unit 1808, No. 8, Kuaiji Road,
Jintiandi International building,
Huangpu District,
Shanghai, 200021, China

@ z.xu@gaggione.com

☎ +86 136 5189 6981

GAGGIONE Canada

Stephane Saindon
744 36th Avenue
Montreal, Quebec
H8T3L2

@ s.saindon@gaggione.com

☎ +1 514 928 2179

GAGGIONE DACH

Angelika Aigner
Kreuzstrasse 7
83355 Grabenstätt
Germany

@ a.aigner@gaggione.com

☎ +49 8661 983 44 77

GAGGIONE

SHAPING YOUR LIGHT



45 mm
Silicone collimators
LLC79

LLC79

The LLC79 45mm Silicone collimator range has been designed to provide the advantages of LLC66 within a smaller form factor. Designed for demanding requirements, LLC79 range provides high homogeneity with great cut-off beams for high power LEDs, 6mm and 9mm COBs.

The holder assembled with the Narrow, Medium, Color or Wide version is compatible with the LLL66Bx0x bases. It allows a very easy and fast product design compatible with many different COB holders. A LLL66B6 base is also available for PCB mounted High Power LED. The Zoom version LLC79Z7 is available with the same mechanical attachment system as the LLC66Z7.



17° FWHM

LLC79N7
Narrow Version



15° FWHM

LLC79C7
Color Version



24° FWHM

LLC79M7
Medium Version



33° FWHM

LLC79W7
Wide Version



17 - 30° FWHM

LLC79Z7
Zoom version

MECHANICAL SYSTEM for LLC79 and LLC66 Series

Two parts mechanical holding system consisting in six base options for various COB interface manufacturers and one universal assembled collimator and cage holder set.



Compatibility Matrix

	Citizen	Citizen	CREE	CREE	CREE
LLC79N7	CLU701	CLU711	CXB1310	CXB1520	XHP35HI
FWHM (°)	16,9	20,8	14,5	20,8	7,3
FWTM (°)	27,7	35,8	27,7	33,3	13,5
Efficacy (cd/lm)	9,3	5,9	11,3	6,7	45,2
LLC79C7	CLU701	CLU711	CXB1310	CXB1520	XHP35HI
FWHM (°)	15,4	21,4	16,7	23,8	8,7
FWTM (°)	28,4	37,3	30,1	40	17,2
Efficacy (cd/lm)	9,9	5,6	8,8	4,8	27,6
LLC79M7	CLU701	CLU711	CXB1310	CXB1520	XHP35HI
FWHM (°)	23,7	23,6	25,0	23,9	23,5
FWTM (°)	43,2	46,6	43,9	47,1	41,6
Efficacy (cd/lm)	4,4	4,0	4,0	4,0	4,5
LLC79W7	CLU701	CLU711	CXB1310	CXB1520	XHP35HI
FWHM (°)	32,5	30,4	31,2	30,1	32,9
FWTM (°)	60,1	60,9	60,1	60,7	60,1
Efficacy (cd/lm)	2,2	2,2	2,3	2,2	2,0
	Citizen	Citizen	CREE	Bridgelux	Nichia
LLC79Z7	CLU701	CLU7AZ	CXB1310	V4HD	NVNWS007Z_V1
FWHM (°)	15,1-26,6	10,7-33,1	14,7-24,6	12,0-33,1	15,2-37
FWTM (°)	27,2-49,6	19,8-45,1	31,4-50	22,4-47,9	26,1-54,5
Efficacy (cd/lm)	10-2,8	18-2,7	8,9-3,2	14,6-2,5	10,8-1,9

