

GE
Lighting

Ceramic Metal Halide Lamps

Cross Reference Selection Guide

20W-100W PAR and Single-Ended*



PAR

Single Ended G12

GU6.5

MINI G8.5

MR16



imagination at work

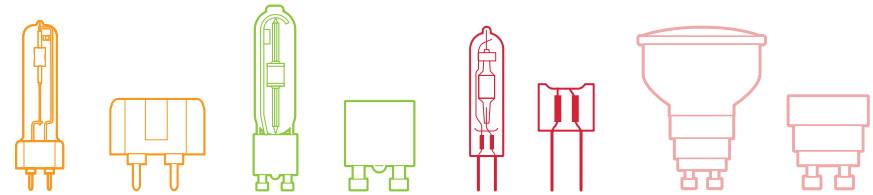
* For higher wattages, refer to ConstantColor® CMH® lamps brochure PC79452

Upgrade to Ultra!



For lamps that reach higher, last longer and look better. ConstantColor® CMH® Ultra lamps deliver:

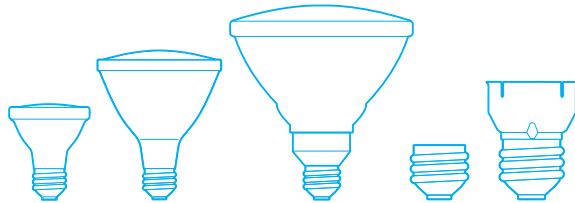
- Higher lumen maintenance for more usable light at end of rated life, vs. standard ceramic metal halide lamps, keeping spaces brighter, longer.
 - 86% lumen maintenance for up to 26% more usable light (39W) at end of rated life
 - 87% lumen maintenance for up to 33% more usable light (70W) at end of rated life
- Long life means fewer lamp replacements and lower maintenance.
 - 16,500 hours (39W)
 - 18,000 hours (70W)
- Premium CRI for more vibrant colors
 - Up to 88 (39W)
 - Up to 88 (70W)



CMH Ultra					
Watts	Order Code	Description	Bulb	Base	ANSI Ballast Type
39	79399	CMH39/930G12ULR	T4.5	BiPinG12	C130/M130
	62291	CMH39ULR930GU6.5	T4	BiPinGU6.5	C130/M130
	79400	CMH39/930G8.5ULR		BiPinG8.5	C130/M130
	62292	CMH39MR16/UL93/SP	MR16	GX10 T&L	C130/M130
	62293	CMH39MR16/UL93/FL	MR16	GX10 T&L	C130/M130
	62294	CMH39MR16/UL93/WFL	MR16	GX10 T&L	C130/M130
70	73056	CMH70U930G12ULR	T6	BiPin G12	C139/M139
	73057	CMH70U930G8.5ULR	T4.5	BiPinG8.5	C139/M139

Cross Reference Selection Guide

PAR

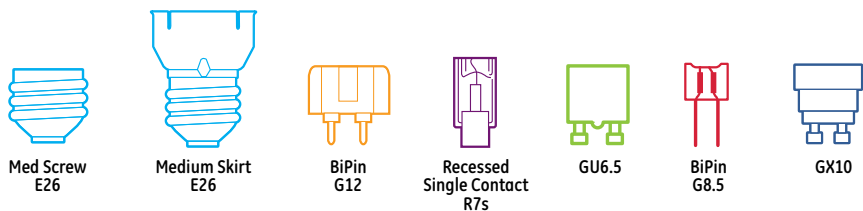


CMH PAR						
Watts	Brand	Order Code	Description	Bulb	Base	ANSI Ballast Type
20	GE	29485	CMH20PAR20/SP	PAR20	med	C156/M156
	Philips	211516	CDM20/PAR20/M/SP/3K	PAR20	med	C175/C156/O
	OSI	64859	MCP20PAR20LN/U/830/SP PB	PAR20	med	C156/M156
	GE	29486	CMH20PAR20/FL	PAR20	med	C156/M156
	Philips	211524	CDM20PAR20/M/FL/3K	PAR20	med	C175/C156/O
	OSI	64860	MCP20PAR20LN/U/830/FL PB	PAR20	med	C156/M156
	GE	29487	CMH20PAR30/SP10	PAR30	med	C156/M156
	Philips	21140-9	CDM20PAR30L/M/SP/3K	PAR30	med	C175/C156/O
	OSI	64879	MCP20PAR30LN/U/830/SP ECO	PAR30	med	C156/M156
	GE	29488	CMH20PAR30/SP15	PAR30	med	C156/M156
	Philips		NONE			
	OSI		NONE			
	GE	29489	CMH20PAR30/FL25	PAR30	med	C156/M156
	Philips	21149-0	CDM20PAR30L/M/FL/3K	PAR30	med	C175/C156/O
	OSI	64878	MCP20PAR30LN/U/830/FL ECO	PAR30	med	C156/M156
23	GE	76224	CMH23P38	PAR38	med	integral ballast
	GE	76225	CMH23P38	PAR38	med	integral ballast
	GE	76226	CMH23P38	PAR38	med	integral ballast

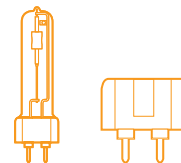
CMH PAR						
Watts	Brand	Order Code	Description	Bulb	Base	ANSI Ballast Type
24	OSI	64305	MCP24ELPAR38U830SP10ECO	PAR38	med	integral ballast
	OSI	64237	MCP24ELPAR38U830SP15ECO	PAR38	med	integral ballast
	OSI	64306	MCP24ELPAR38U83FL25ECO	PAR38	med	integral ballast
	OSI	64783	MCP24ELPAR38U830FL40ECO	PAR38	med	integral ballast
25	Philips	14477-4	CDM-i25W/830/par38/10	PAR38	med	integral ballast
	Philips	14478-2	CDM-i25W/830/par38/25	PAR38	med	integral ballast
	Philips	14479-0	CDM-i25W/830/par38/40	PAR38	med	integral ballast
39	GE	42069	CMH39/UPAR20/SP10	PAR20	med	C130/M130
	Philips	23365-0	CDM35/PAR20/M/SP	PAR20	med	C130/M130
	OSI	64824	MCP39PAR20/U/830SP/PB	PAR20	med	C130/M130
	GE	42068	CMH39/UPAR20/FL25	PAR20	med	C130/M130
	Philips	23364-3	CDM35/PAR20/M/FL	PAR20	med	C130/M130
	OSI	64826	MCP39PAR20/U/830FL/PB	PAR20	med	C130/M130
	GE	96527	CMH39PAR20/FL4K	PAR20	med	C130/M130
	Philips	15141-5	CDM35/PAR20/M/FL/4K	PAR20	med	C130/M130
	OSI		NONE			
	GE	96526	CMH39PAR20/NSP4K	PAR20	med	C130/M130
	Philips	15140-7	CDM35/PAR20/M/SP/4K	PAR20	med	C130/M130
	OSI		NONE			
	GE	45066	CMH39/PAR30L/SP10	PAR30LN	med	C130/M130
	Philips	22329-7	CDM35/PAR30L/M/SP	PAR30LN	med	C130/M130
	Philips	21171	CDM35/PAR30L/M/SP/3k/ALTO ELITE	PAR30LN	med	C130/M130
	OSI	64880	MCP39PAR30LN/U/830/SP/ECO	PAR30LN	med	C130/M130

CMH PAR						
Watts	Brand	Order Code	Description	Bulb	Base	ANSI Ballast Type
39	GE	42066	CMH39/PAR30L/SP15	PAR30LN	med	C130/M130
	Philips	21172	CDM35/PAR30L/M/FL/ALTO ELITE	PAR30LN	med	C130/M130
	OSI		NONE			
	GE	42067	CMH39/PAR30L/FL25	PAR30LN	med	C130/M130
	Philips	22330-5	CDM35/PAR30L/M/FL	PAR30LN	med	C130/M130
	OSI	64881	MCP39PAR30LN/U/830/FLECO	PAR30LN	med	C130/M130
	OSI	64885	MCP39PAR30LN/U/830/VWFL PB	PAR30LN	med	C130/M130
	GE	96528	CMH39PAR30LNSP4K	PAR30LN	med	C130/M130
	Philips		NONE			
	OSI		NONE			
	GE	96529	CMH39PAR30L/SP4K	PAR30LN	med	C130/M130
	Philips		NONE			
	OSI		NONE			
	GE	96530	CMH39PAR30L/FL4K	PAR30LN	med	C130/M130
	Philips		NONE			
	OSI		NONE			
70	GE	22152	CMH70/PAR30L/830SP	PAR30LN	med	C98/M139/M143
	Philips	23224-9	CDM70PAR30L/M/SP	PAR30LN	med	M98 or M143/O
	OSI	64201	MCP70PAR30LN/U/930SP PB	PAR30LN	med	M139
	GE	22159	CMH70/PAR30L/830FL	PAR30LN	med	C98/M139/M143
	OSI	64202	MCP70PAR30LN/U/930FL PB	PAR30LN	med	C139/C98
	OSI	64230	MCP70PAR30LN/U/930VWFL PB	PAR30LN	med	C139/C98
	GE	45675	CMH70/PAR38/830SP15/ECO	PAR38	med	C98/M139/M143
	Philips	22250-5	CDM70/PAR38/SP/3K/ALTO	PAR38	med	M98 or M139/O
	OSI	64749	MCP70PAR38/U/830/SP/ECO	PAR38	med skt	M98 or M139
	GE	45677	CMH70/PAR38/830FL25/ECO	PAR38	med	C98/M139/M143
	Philips	22249-7	CDM70/PAR38/FL/3K/ALTO	PAR38	med	M98 or M139/O
	OSI	64750	MCP70PAR38/U/830/FL/ECO	PAR38	med skt	M98 or M139
	GE	45679	CMH70/PAR38/830WF/ECO	PAR38	med	C98/M139/M143
	Philips		NONE			
	OSI	64751	MCP70PAR38/U/830/WFL/ECO	PAR38	med skt	M98 or M139
100	GE	45680	CMH100/PAR38/830S15/ECO	PAR38	med	C90/M90/M140
	Philips	24477-2	CDM100/PAR38/SP/3K/ALTO	PAR38	med	M90 or M140
	OSI	64752	MCP100PAR38/U/830/SP/ECO	PAR38	med skt	M90 or M140
	GE	45681	CMH100/PAR38/830F25/ECO	PAR38	med	C90/M90/M140
	Philips	24476-4	CDM100/PAR38/FL/3K/ALTO	PAR38	med	M90 or M140
	OSI	64753	MCP100PAR38/U/830/FL/ECO	PAR38	med skt	M90 or M140
	GE	45682	CMH100/PAR38/830W/ECO	PAR38	med	C90/M90/M140
	Philips		NONE			
	OSI	64754	MCP100PAR38/U/830/VWFL/ECO	PAR38	med skt	M90 or M140

CMH Lamps Base Configurations

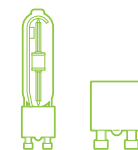


Single Ended G12



CMH Single Ended G12						
Watts	Brand	Order Code	Description	Bulb	Base	ANSI Ballast Type
20	GE	29703	CMH20/T/U/830/G12	T4.5	BiPin G12	C156/M156
	Philips	41047	CDM ELITE 20/T6/830	T6	BiPinG12	C156/E
	OSI		NONE			
39	GE	20153	CMH39/T/U/830/G12	T4.5	BiPin G12	C130/M130
	GE	79399	CMH39/930G12ULR	T4.5	BiPinG12	C130/M130
	Philips	22328-9	CDM35/T6/830	T6	BiPin G12	M130
	Philips	40914	CDM ELITE35/T6/930	T6	BiPin G12	C130/E
	Philips	40483-0	CDM ELITE35/T6/930	T6	BiPin G12	C130
	OSI	64363	MC39T6/U/G12/830	T6	BiPin G12	M130
	OSI	64162	MC39T6/U/G12/930	T6	BiPin G12	M130
	GE	29696	CMH39/T/U/942/G12	T4.5	BiPin G12	C130/M130
	Philips	20886	CDM35/T6/842	T6	BiPin G12	C130/E
	OSI	64325	MC39T6/U/G12/940	T6	BiPin G12	M130
70	GE	20016	CMH70/T/U/830/G12	T6	BiPin G12	C139/M139
	GE	73056	CMH70U930G12ULR	T6	BiPin G12	C139/M139
	Philips	22337-0	CDM70/T6/830	T6	BiPin G12	M139
	Philips	40915	CDM ELITE70/T6/930	T6	BiPin G12	C139/e
	Philips	14836-1	CDM ELITE70/T6/930	T6	BiPin G12	C139
	OSI	64361	MC70T6/U/G12/830	T6	BiPin G12	M98 or M139
	OSI	64200	MC70T6UG12930PB	T6	BiPin G12	M98
	OSI		HCI-TC 70/930 WDL PB Shoplight	T6	BiPin G12	M98
	GE	20023	CMH70/T/U/942/G12	T6	BiPin G12	C139/M139
	Philips	28137-8	CDM70/T6/942	T6	BiPin G12	M139
	OSI	64338	MC70T6/U/G12/940	T6	BiPin G12	M98 or M139
	Philips	28137-8	CDM70/T6/942	T6	BiPin G12	M139
	Philips	41901	CDM-T Fresh 70W/740	T6	BiPin G12	C139/E

GU6.5

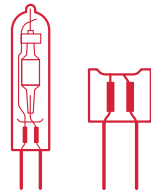


ConstantColor® CMH® Ultra lamps

CMH GU6.5						
Watts	Brand	Order Code	Description	Bulb	Base	ANSI Ballast Type
20	GE	85086	CMH20T/U830GU6.5	T4	BiPinGU6.5	C156/M156
	Philips	40850	CDM20/TM/830GU6.5 ELITE	T4	BiPinGU6.5	C156/E
	OSI	68842	MC20TF/U/GU6.5/830	T4	BiPinGU6.5	C156/E
39	GE	71484	CMH39T/U930GU6.5	T4	BiPinGU6.5	C130/M130
	GE	62291	CMH39ULR930GU6.5	T4	BiPinGU6.5	C130/M130
	Philips	41879-8	CDM-TM Elite 35W/930 GU6.5	T4	BiPin GU6.5	C130/E
	OSI	69044	MC39TF/U/GU6.5/830	T4	BiPinGU6.5	C156/E

ConstantColor® CMH® Ultra lamps

MINI G8.5



CMH MINI G8.5						
Watts	Brand	Order Code	Description	Bulb	Base	ANSI Ballast Type
20	GE	92696	CMH20/TC/U/830/G8.5	T4.5	BiPinG8.5	M156/M156
	Philips	41046	CDM ELITE 20/tc/830	T4	BiPinG8.5	C156/E
	OSI	64882	MC20TC/U/G8.5/830	T4.5	BiPinG8.5	M156
39	GE	90352	CMH39/TC/U/830/G8.5	T4.5	BiPinG8.5	C130/M130
	GE	79400	CMH39/930G8.5ULR		BiPinG8.5	C130/M130
	Philips	37372-0	CDM35/TC/830	T4	BiPinG8.5	C130/M130
	Philips	40916	CDM ELITE35/TC/930	T4	BiPinG8.5	C130/M130
	Philips	40484-8	CDM ELITE35/TC/930	T4	BiPinG8.5	C130/M130
	OSI	64791	MC39TC/U/G8.5/830	T4.5	BiPinG8.5	C130/M130
	OSI		HCI-TC 35/930 WDL PB Shoplight	T4.5	BiPinG8.5	C130/M130
	GE	29698	CMH39/TC/U/942/G8.5	T4.5	BiPinG8.5	C130/M130
	Philips	20883-5	CDM35/TC/842	T4	BiPinG8.5	C130/M130
	OSI		NONE			
70	GE	92585	CMH70/TC/U/830/G8.5	T4.5	BiPinG8.5	C139/M139
	GE	73057	CMH70U930G8.5ULR	T4.5	BiPinG8.5	C139/M139
	Philips	37373-8	CDM70/TC/830	T4	BiPinG8.5	C139
	Philips	40917	CDM ELITE70/TC/930	T4	BiPinG8.5	c139/e
	Philips	14837-9	CDM ELITE70/TC/930	T4	BiPinG8.5	C139
	OSI	64825	MC70TC/U/G8.5/930	T4.5	BiPinG8.5	M98 or M139
	GE	29701	CMH70/TC/U/942/G8.5	T4.5	BiPinG8.5	C139/M139
	Philips	20885-0	CDM70/TC/942	T4	BiPinG8.5	C139/M139
	OSI		NONE			

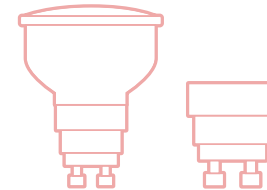
ConstantColor® CMH® Ultra lamps

⚠ R Warning: This lamp can cause serious skin burn and eye inflammation from shortwave ultraviolet radiation if outer envelope of the lamp is broken or punctured. Do not use where people will remain for more than a few minutes unless adequate shielding or other safety precautions are used. Lamps that will automatically extinguish when the outer envelope is broken or punctured are commercially available.

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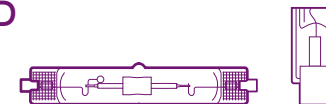
MR16



MR16						
Watts	Brand	Order Code	Description	Bulb	Base	ANSI Ballast Type
20	GE	85101	CMH20MR16/830/SP	MR16	GX10 T&L	C156/M156
	GE	85110	CMH20MR16/830/FL	MR16	GX10 T&L	C156/M156
	GE	97638	CMH20MR16/830/WFL	MR16	GX10 T&L	C156/M156
	Philips	40918	CDM-MR16/20W/830/10D Elite	MR16	GX10 T&L	C156/O
	Philips	40919	CDM-MR16/20W/830/25D Elite	MR16	GX10 T&L	C156/O
	Philips	4020	CDM-MR16/20W/830/40D Elite	MR16	GX10 T&L	C156/O
	OSI		NONE			
39	GE	71488	CMH39MR16/930/SP	MR16	GX10 T&L	C130/M130
	GE	71489	CMH39MR16/930/FL	MR16	GX10 T&L	C130/M130
	GE	71890	CMH39MR16/930WFL	MR16	GX10 T&L	C130/M130
	GE	62292	CMH39MR16/UL93/SP	MR16	GX10 T&L	C130/M130
	GE	62293	CMH39MR16/UL93/FL	MR16	GX10 T&L	C130/M130
	GE	62294	CMH39MR16/UL93/WFL	MR16	GX10 T&L	C130/M130
	GE	71891	CMH39MR16/942/SP	MR16	GX10 T&L	C130/M130
	GE	71892	CMH39MR16/942/FL	MR16	GX10 T&L	C130/M130
	GE	71893	CMH39MR16/942WFL	MR16	GX10 T&L	C130/M130
	Philips	40921	CDM-MR16/39W/830/10D Elite	MR16	GX10 T&L	C130/O
	Philips	40922	CDM-MR16/39W/830/25D Elite	MR16	GX10 T&L	C130/O
	Philips	40923	CDM-MR16/39W/830/40D Elite	MR16	GX10 T&L	C130/O
	OSI		NONE			

ConstantColor® CMH® Ultra lamps

Double Ended TD



CMH Double Ended TD						
Watts	Brand	Order Code	Description	Bulb	Base	ANSI Ballast Type
70	GE	92587	CMH70/TD/830/RX7S	T6	Rx7s	M85/M139
	Philips	23160-5	CDM70TD/830	TD6	Rx7s	M85 or M139
	OSI	64793	MC70T6/DE/830	T6	Rx7s	M85, M98, or M139
	GE	92588	CMH70/TD/942/RX7S	T6	Rx7s	M85/M139
	Philips	37370-4	CDM70/TD/942	TD6	Rx7s	M85 or M139
	OSI		NONE			

* For higher wattages, refer to ConstantColor® CMH® lamps brochure PC79452

All values are design or typical values when measured under laboratory conditions and not a guarantee of performance under end-use conditions. Information provided is based on data publicly available at the time of printing and is subject to change without notice.

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