

CHQ-CB Ceiling Beacon & CHQ-WB Wall Beacon Light Output APPLICATION NOTE

Hochiki Products	CHQ-CB/WL, CHQ-CB(RED)/WL, CHQ-CB(WHT)/WL					
HFP Products	CHQ-CB(RED)/WL-HFP, CHQ-CB(WHT)/WL-HFP					
HDR Products	1460120, 1460130					
	Nominal Current consumption mA	Power consumption W	Light Coverage distance at 0.5 Hz	Cylindrical Volume M ³	Light Coverage distance at 1Hz	Cylindrical Volume M ³
(LOL 0)	6.1	0.25	C-3-6.5 O-1.18-7.1 O-3.26-3.76	99.55 46.72 36.20	O-2.2-5.2	46.72
(LOL 1)*	11.6	0.48	C-3-7.9 O-3.4-7.5 O-3.72-6.9	147.05 150.21 139.10	O-2.4-5.9 O-2.75-5.1	65.62 56.18
(LOL 2)	16.8	0.69	C-3-10 O-4.3-10 O-4.6-5.42	235.62 337.72 106.13	C-3-7.5 O-3.2-7.5 O-3.5-6	132.54 141.37 98.96

Hochiki Products	CHQ-CB/RL, CHQ-CB(RED)/RL, CHQ-CB(WHT)/RL					
HFP Products	CHQ-CB(RED)/RL-HFP, CHQ-CB(WHT)/RL-HFP					
HDR Products	1460240, 1460250					
	Nominal Current consumption mA	Power consumption W	Light Coverage distance at 0.5 Hz	Cylindrical Volume M ³	Light Coverage distance at 1Hz	Cylindrical Volume M ³
(LOL 0)	6.1	0.25	O-2.64-6.85 O-2.79-3.3 C-3-1.5	70.68 65.03	O-2.05-3.8	29.08
(LOL 1)*	11.6	0.48	C-3-8.6 O-3.5-6.5 O-3.89-1.9	132.53 99.75 38.55	O-2.4-6.4 O-2.5-4.99 O-2.7-3	65.03 14.31
(LOL 2)	16.8	0.69	C-3-10 O-3.91-10 O-4.12-7.8 O-4.3-4.5	212.64 262.26 63.61	C-3-5.9 O-2.97-7.6 O-3.26-3.6	27.23 106.89 66.52

Hochiki Products	CHQ-CB/WL-15, CHQ-CB(RED)/WL-15, CHQ-CB(WHT)/WL-15					
HFP Products	CHQ-CB(RED)/WL-15-HFP, CHQ-CB(WHT)/WL-15-HFP					
HDR Products	1460210, 1460220					
	Nominal Current consumption mA	Power consumption W	Light Coverage distance at 0.5 Hz	Cylindrical Volume M ³	Light Coverage distance at 1Hz	Cylindrical Volume M ³
(LOL 0)	6.1	0.25	O-1.2-7.5 O-2.2-5 O-2.54-1.36	53.01 43.20 3.69	O-1.54-5.3 O-1.7-5	33.98 33.38
(LOL 1)	16.6	0.68	C-3-11.4 O-3.6-11.17 O-3.88-4	306.21 352.78 48.76	C-3-1.5 O-2.6-8	5.30 130.69
(LOL 2)**	37.7	1.54	C-3-15.1 O-4.7-15 O-4.89-9.68 O-5-5.4	537.24 830.56 359.87 114.51	C-3-10; O-3.6-11.3 O-3.7-4.27	235.62 361.03 52.98

*For CHQ-CB/WL and CHQ-CB/RL the default factory setting is LOL1, 0.5Hz.

**For CHQ-CB/WL-15 the default factory setting LOL2, 0.5Hz

Hochiki Products	CHQ-WB/WL, CHQ-WB(RED)/WL, CHQ-WB(WHT)/WL					
HFP Products	CHQ-WB(RED)/WL-HFP, CHQ-WB(WHT)/WL-HFP					
HDR Products	1460310, 1460320					
	Nominal Current consumption mA	Power consumption W	Light Coverage distance at 0.5 Hz	Cylindrical Volume M ³	Light Coverage distance at 1Hz	Cylindrical Volume M ³
(LOL 0)	6.1	0.25	W-2.4-5	60	Unrated***	N/A
(LOL 1)*	11.6	0.48	W-2.4-5.5	72.6	W-2.4-1	2.4
(LOL 2)	16.8	0.69	W-2.4-7	117.6	W-2.4-5.5	72.6

Hochiki Products	CHQ-WB/RL, CHQ-WB(RED)/RL, CHQ-WB(WHT)/RL					
HFP Products	CHQ-WB(RED)/RL-HFP, CHQ-WB(WHT)/RL-HFP					
HDR Products	1460340, 1460350					
	Nominal Current consumption mA	Power consumption W	Light Coverage distance at 0.5 Hz	Cylindrical Volume M ³	Light Coverage distance at 1Hz	Cylindrical Volume M ³
(LOL 0)	6.1	0.25	O-2-3**	24	Unrated***	N/A
(LOL 1)*	11.6	0.48	W-2.4-5	60	W-2.7-1.07	21.6
(LOL 2)	16.8	0.69	W-2.4-5.5	72.6	W-2.4-4	38.4

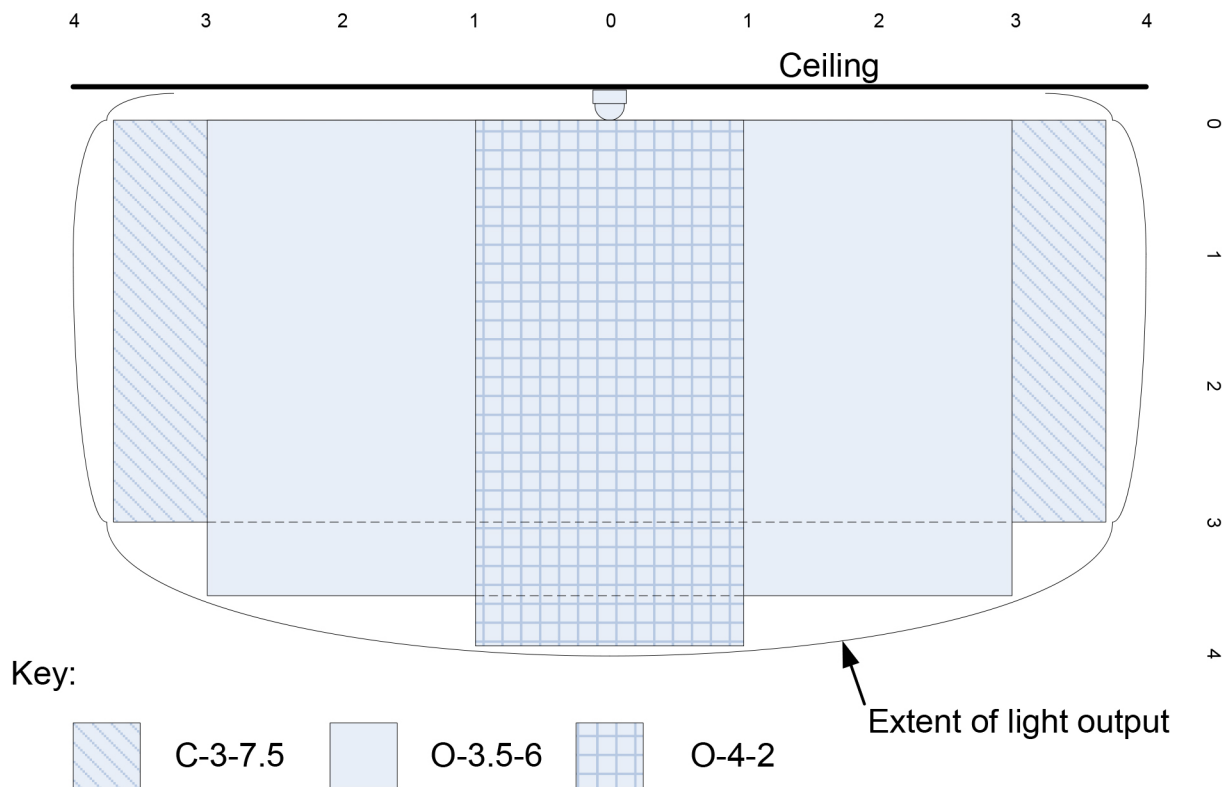
* For CHQ-WB/WL and CHQ-WB/RL the default factory setting is LOL1, 0.5Hz.

** Light coverage defined as per standard W-rating but with a height of 2m

*** No rating declared, only to be used for non-EN54-23 supplementary indication in this mode.

Note: The light output level of these devices is set by the control panel, control panel compatibility is therefore required.

How a VAD can have multiple coverage ratings



The O rating is used where heights cannot be specified within EN54-23:2010 which are restricted to 3, 6, 9 metres. For example: O-3.5-6 (O = O rating; 3.5 = height; 6 = Diameter).



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