

The group G is isomorphic to the group labelled by [35, 1] in the Small Groups library.
 Ordinary character table of $G \cong C35$:

	$1a$	$7a$	$7b$	$7c$	$7d$	$7e$	$7f$	$5a$	$35a$	$35b$	$35c$	$35d$	$35e$	$35f$	$5b$	$35g$	$35h$	$35i$	$35j$	$35k$	$35l$	$5c$	$35m$	$35n$	$35o$	$35p$	$35q$	$35r$	$5d$	$35s$	$35t$	$35u$	$35v$	$35w$	$35x$	
χ_1	1	1	1	1	1	1	1	$E(5)$	$E(5)$	$E(5)$	$E(5)$	$E(5)$	$E(5)$	$E(5)$	$E(5)^2$	$E(5)^2$	$E(5)^2$	$E(5)^2$	$E(5)^3$	$E(5)^3$	$E(5)^3$	$E(5)^3$	$E(5)^4$	$E(5)^4$	$E(5)^4$	$E(5)^4$	$E(5)^4$									
χ_2	1	1	1	1	1	1	1	$E(5)^2$	$E(5)^2$	$E(5)^2$	$E(5)^2$	$E(5)^2$	$E(5)^2$	$E(5)^3$	$E(5)^3$	$E(5)^4$	$E(5)^4$	$E(5)^4$	$E(5)^4$	$E(5)^4$																
χ_3	1	1	1	1	1	1	1	$E(5)^3$	$E(5)^3$	$E(5)^3$	$E(5)^3$	$E(5)^3$	$E(5)^3$	$E(5)^3$	$E(5)^3$	$E(5)^4$	$E(5)^4$	$E(5)^4$	$E(5)^4$	$E(5)^4$																
χ_4	1	1	1	1	1	1	1	$E(5)^4$	$E(5)^4$	$E(5)^4$	$E(5)^4$	$E(5)^4$	$E(5)^4$	$E(5)^4$	$E(5)^4$	$E(5)^4$	$E(5)^4$	$E(5)^4$	$E(5)^4$	$E(5)^4$	$E(5)^4$	$E(5)^4$	$E(5)^4$	$E(5)^4$	$E(5)^4$	$E(5)^4$	$E(5)^4$	$E(5)^4$	$E(5)^4$	$E(5)^4$	$E(5)^4$	$E(5)^4$	$E(5)^4$	$E(5)^4$	$E(5)^4$	$E(5)^4$
χ_5	1	1	1	1	1	1	1	$E(5)^4$	$E(5)^4$	$E(5)^4$	$E(5)^4$	$E(5)^4$	$E(5)^4$	$E(5)^4$	$E(5)^4$	$E(5)^4$	$E(5)^4$	$E(5)^4$	$E(5)^4$	$E(5)^4$	$E(5)^4$	$E(5)^4$	$E(5)^4$	$E(5)^4$	$E(5)^4$	$E(5)^4$	$E(5)^4$	$E(5)^4$	$E(5)^4$	$E(5)^4$	$E(5)^4$	$E(5)^4$	$E(5)^4$	$E(5)^4$	$E(5)^4$	$E(5)^4$
χ_6	1	$E(7)$	$E(7)^2$	$E(7)^3$	$E(7)^4$	$E(7)^5$	$E(7)^6$	1	$E(7)$	$E(7)^2$	$E(7)^3$	$E(7)^4$	$E(7)^5$	$E(7)^6$	1	$E(7)$	$E(7)^2$	$E(7)^3$	$E(7)^4$	$E(7)^5$	$E(7)^6$	$E(7)$	$E(7)^2$	$E(7)^3$	$E(7)^4$	$E(7)^5$	$E(7)^6$	1	$E(7)$	$E(7)^2$	$E(7)^3$	$E(7)^4$	$E(7)^5$	$E(7)^6$		
χ_7	1	$E(7)$	$E(7)^2$	$E(7)^3$	$E(7)^4$	$E(7)^5$	$E(7)^6$	$E(5)$	$E(35)^{12}$	$E(35)^{17}$	$E(35)^{22}$	$E(35)^{27}$	$E(35)^{32}$	$E(35)^{37}$	$E(35)^{19}$	$E(35)^{24}$	$E(35)^{29}$	$E(35)^{34}$	$E(35)^9$	$E(35)^3$	$E(35)^{26}$	$E(35)^{31}$	$E(35)$	$E(35)^6$	$E(35)^{11}$	$E(35)^{16}$	$E(5)^4$	$E(35)^{33}$	$E(35)^8$	$E(35)^{13}$	$E(35)^{18}$	$E(35)^{23}$				
χ_8	1	$E(7)$	$E(7)^2$	$E(7)^3$	$E(7)^4$	$E(7)^5$	$E(7)^6$	$E(5)^2$	$E(35)^{19}$	$E(35)^{24}$	$E(35)^{29}$	$E(35)^{34}$	$E(35)^9$	$E(35)^4$	$E(35)^8$	$E(35)^{13}$	$E(35)^{18}$	$E(35)^{23}$	$E(5)$	$E(35)^{12}$	$E(35)^{17}$	$E(35)^{22}$	$E(35)^{27}$	$E(35)^2$	$E(35)^3$	$E(35)^{26}$	$E(35)^{31}$	$E(35)^6$	$E(35)^{11}$	$E(35)^{16}$						
χ_9	1	$E(7)$	$E(7)^2$	$E(7)^3$	$E(7)^4$	$E(7)^5$	$E(7)^6$	$E(5)^3$	$E(35)^{11}$	$E(35)^{16}$	$E(35)^{22}$	$E(35)^{27}$	$E(35)^{32}$	$E(35)^2$	$E(35)^4$	$E(35)^3$	$E(35)^8$	$E(35)^{13}$	$E(35)^{18}$	$E(35)^{23}$	$E(5)^2$	$E(35)^{19}$	$E(35)^{24}$	$E(35)^{29}$	$E(35)^4$	$E(35)^9$	$E(35)^{12}$	$E(35)^{22}$	$E(35)^{32}$	$E(35)^2$						
χ_{10}	1	$E(7)$	$E(7)^2$	$E(7)^3$	$E(7)^4$	$E(7)^5$	$E(7)^6$	$E(5)^4$	$E(35)^{33}$	$E(35)^3$	$E(35)^8$	$E(35)^{13}$	$E(35)^{23}$	$E(35)^3$	$E(35)^6$	$E(35)^{11}$	$E(35)^{16}$	$E(35)^2$	$E(35)^{19}$	$E(35)^{24}$	$E(35)^{34}$	$E(5)^4$	$E(35)^9$	$E(5)$	$E(35)^{12}$	$E(35)^{17}$	$E(35)^{22}$	$E(35)^{27}$	$E(35)^{32}$	$E(35)^2$						
χ_{11}	1	$E(7)^2$	$E(7)^4$	$E(7)^6$	$E(7)$	$E(7)^3$	$E(7)^5$	1	$E(7)$	$E(7)^2$	$E(7)^3$	$E(7)^4$	$E(7)^5$	$E(7)$	$E(7)^2$	$E(7)^3$	$E(7)^4$	$E(7)^5$	$E(7)^6$	$E(7)$	$E(7)^2$	$E(7)^3$	$E(7)^4$	$E(7)^5$	$E(7)^6$	1	$E(7)$	$E(7)^2$	$E(7)^3$	$E(7)^4$	$E(7)^5$	$E(7)^6$				
χ_{12}	1	$E(7)^2$	$E(7)^4$	$E(7)^6$	$E(7)$	$E(7)^3$	$E(7)^5$	$E(5)$	$E(35)^{17}$	$E(35)^2$	$E(35)^{22}$	$E(35)^{32}$	$E(35)^2$	$E(35)^4$	$E(35)^9$	$E(35)^{19}$	$E(35)^{24}$	$E(35)^{34}$	$E(5)^3$	$E(35)^{31}$	$E(35)^6$	$E(35)^{16}$	$E(35)^{23}$	$E(35)^{33}$	$E(35)^8$	$E(35)^{13}$	$E(35)^{18}$	$E(35)^{23}$								
χ_{13}	1	$E(7)^2$	$E(7)^4$	$E(7)^6$	$E(7)$	$E(7)^3$	$E(7)^5$	$E(5)^2$	$E(35)^{24}$	$E(35)^9$	$E(35)^{19}$	$E(35)^{29}$	$E(35)^4$	$E(35)^4$	$E(35)^3$	$E(35)^{13}$	$E(35)^{23}$	$E(35)^8$	$E(5)$	$E(35)^{17}$	$E(35)^2$	$E(35)^{12}$	$E(35)^{22}$	$E(35)^3$	$E(35)^{16}$	$E(35)^{26}$	$E(35)^{31}$	$E(35)^{11}$	$E(35)^{16}$	$E(35)^{23}$						
χ_{14}	1	$E(7)^2$	$E(7)^4$	$E(7)^6$	$E(7)$	$E(7)^3$	$E(7)^5$	$E(35)^6$	$E(35)^{16}$	$E(35)^{26}$	$E(35)^{31}$	$E(35)^{11}$	$E(5)$	$E(35)^{17}$	$E(35)^2$	$E(35)^{12}$	$E(35)^{22}$	$E(35)^3$	$E(35)^{13}$	$E(35)^{23}$	$E(35)^8$	$E(35)^2$	$E(35)^{24}$	$E(35)^9$	$E(35)^{19}$	$E(35)^{29}$	$E(35)^4$	$E(35)^{19}$	$E(35)^{29}$	$E(35)^4$	$E(35)^{19}$	$E(35)^{29}$				
χ_{15}	1	$E(7)^2$	$E(7)^4$	$E(7)^6$	$E(7)$	$E(7)^3$	$E(7)^5$	$E(5)^4$	$E(35)^{13}$	$E(35)^3$	$E(35)^8$	$E(35)^{18}$	$E(35)^6$	$E(35)^{16}$	$E(35)^{26}$	$E(35)^{31}$	$E(35)^{11}$	$E(5)^2$	$E(35)^{24}$	$E(35)^9$	$E(35)^{19}$	$E(35)^{24}$	$E(35)^4$	$E(5)$	$E(35)^{17}$	$E(35)^2$	$E(35)^{12}$	$E(35)^{22}$	$E(35)^{32}$	$E(35)^2$						
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