$L_3(9).2_2 \quad (\text{mod } 2)$

	blocks	defect	matrix
$G:$	1	8	26×3
	2	0	$1280_1 = \chi_{10+}, \varphi_{3+}$
	3	1	2×1
	$4 = \overline{3}$	1	2×1
	5	1	2×1
	$6 = \overline{5}$	1	2×1
	7	0	$1280_2 = \chi_{16+}, \varphi_{9+}$
	$8 = \overline{7}$	0	$1280_3 = \chi_{17+}, \varphi_{10+}$
	9	0	$1280_4 = \chi_{20+}, \varphi_{13+}$
	$10 = \overline{9}$	0	$1280_5 = \chi_{21+}, \varphi_{14+}$
	11	0	$1280_6 = \chi_{24+}, \varphi_{17+}$
	$12 = \overline{11}$	0	$1280_7 = \chi_{25+}, \varphi_{18+}$
	13	0	$1280_8 = \chi_{28+}, \varphi_{21+}$
	$14 = \overline{13}$	0	$1280_9 = \chi_{29+}, \varphi_{22+}$
	15	0	$1280_{10} = \chi_{32+}, \varphi_{25+}$
	$16 = \overline{15}$	0	$1280_{11} = \chi_{33+}, \varphi_{26+}$
	17	0	$1280_{12} = \chi_{36+}, \varphi_{29+}$
	$18 = \overline{17}$	0	$1280_{13} = \chi_{37+}, \varphi_{30+}$
	19	4	16×1

Block 1:	$\varphi_{1,0}$	$\varphi_{2,0}$	$\varphi_{35,0}$
$1_1 = \chi_{1,0}$	1	.	.
$1_2 = \chi_{1,1}$	1	.	.
$90_1 = \chi_{2,0}$	.	1	.
$90_2 = \chi_{2,1}$	.	1	.
$91_1 = \chi_{3,0}$	1	1	.
$91_2 = \chi_{3,1}$	1	1	.
$182_1 = \chi_{4+}$	2	2	.
$182_2 = \chi_{6+}$	2	2	.
$182_3 = \chi_{7+}$	2	2	.
$1456_3 = \chi_{44+}$	.	.	2
$1456_4 = \chi_{45+}$	.	.	2
$729_1 = \chi_{76,0}$	1	.	1
$729_2 = \chi_{76,1}$	1	.	1
$819_1 = \chi_{77,0}$	1	1	1
$819_2 = \chi_{77,1}$	1	1	1
$1638_1 = \chi_{78+}$	2	2	2
$1638_2 = \chi_{80+}$	2	2	2
$1638_3 = \chi_{81+}$	2	2	2
$910_1 = \chi_{84,0}$	2	2	1
$910_2 = \chi_{84,1}$	2	2	1
$1820_1 = \chi_{85+}$	4	4	2
$1820_2 = \chi_{87+}$	4	4	2
$910_3 = \chi_{89,0}$	2	2	1
$910_4 = \chi_{89,1}$	2	2	1
$910_5 = \chi_{90,0}$	2	2	1
$910_6 = \chi_{90,1}$	2	2	1

$$\varphi_{1,0} = 1_1$$
$$\varphi_{2,0} = 90_1$$
$$\varphi_{35,0} = 728_1$$

Block 3:	$\varphi_{5,0}$
$640_1 = \chi_{12,0}$	1
$640_2 = \chi_{12,1}$	1

$$\varphi_{5,0} = 640_1$$

Block 4:	$\varphi_{6,0}$
$640_3 = \chi_{13,0}$	1
$640_4 = \chi_{13,1}$	1

$$\varphi_{6,0} = 640_2$$

Block 5:	$\varphi_{7,0}$
$640_5 = \chi_{14,0}$	1
$640_6 = \chi_{14,1}$	1

$$\varphi_{7,0} \;=\; 640_3$$

Block 6:	$\varphi_{8,0}$
$640_7 = \chi_{15,0}$	1
$640_8 = \chi_{15,1}$	1

$$\varphi_{8,0} \;=\; 640_4$$

Block 19:	φ_{33+}
$1456_1 = \chi_{40+}$	1
$1456_2 = \chi_{42+}$	1
$1456_5 = \chi_{48+}$	1
$1456_6 = \chi_{49+}$	1
$1456_7 = \chi_{52+}$	1
$1456_8 = \chi_{53+}$	1
$1456_9 = \chi_{56+}$	1
$1456_{10} = \chi_{57+}$	1
$1456_{11} = \chi_{60+}$	1
$1456_{12} = \chi_{61+}$	1
$1456_{13} = \chi_{64+}$	1
$1456_{14} = \chi_{65+}$	1
$1456_{15} = \chi_{68+}$	1
$1456_{16} = \chi_{69+}$	1
$1456_{17} = \chi_{72+}$	1
$1456_{18} = \chi_{73+}$	1

$$\varphi_{33+} \;=\; 1456_1$$