

$L_3(8).6 \pmod{3}$

	blocks	defect	matrix
$G :$	1	3	10×2
	2	3	10×2
	3	1	3×1
	4	1	3×1
	5	2	6×2
	6	0	$2646_1 = \chi_{9+}, \varphi_{9+}$

	blocks	defect	matrix
	7	0	$2646_2 = \chi_{15+}, \varphi_{15+}$
	8	0	$2646_3 = \chi_{21+}, \varphi_{21+}$
	9	0	$2646_4 = \chi_{27+}, \varphi_{27+}$
	10	1	3×1
	11	0	$1971_1 = \chi_{70,0+}, \varphi_{42,0+}$
	12	0	$1971_2 = \chi_{70,1+}, \varphi_{42,1+}$

Block 1:	$\varphi_{1,0}$	$\varphi_{33,0}$	
$1_1 = \chi_{1,0}$	1	.	$\varphi_{1,0} = 1_1$ $\varphi_{33,0} = 511_1$
$1_3 = \chi_{1,2}$	1	.	
$1_5 = \chi_{1,4}$	1	.	
$511_1 = \chi_{33,0}$	.	1
$511_3 = \chi_{33,2}$	.	1
$511_5 = \chi_{33,4}$	.	1
$1533_1 = \chi_{34,0+}$	.	3
$512_1 = \chi_{61,0}$	1	1	
$512_3 = \chi_{61,2}$	1	1	
$512_5 = \chi_{61,4}$	1	1	

Block 2:	$\varphi_{1,1}$	$\varphi_{33,1}$	
$1_2 = \chi_{1,1}$	1	.	$\varphi_{1,1} = 1_2$ $\varphi_{33,1} = 511_2$
$1_4 = \chi_{1,3}$	1	.	
$1_6 = \chi_{1,5}$	1	.	
$511_2 = \chi_{33,1}$	.	1
$511_4 = \chi_{33,3}$	.	1
$511_6 = \chi_{33,5}$	.	1
$1533_2 = \chi_{34,1+}$	.	3
$512_2 = \chi_{61,1}$	1	1	
$512_4 = \chi_{61,3}$	1	1	
$512_6 = \chi_{61,5}$	1	1	

Block 3:	$\varphi_{2,0}$	
$72_1 = \chi_{2,0}$	1	$\varphi_{2,0} = 72_1$
$72_3 = \chi_{2,2}$	1	
$72_5 = \chi_{2,4}$	1	

Block 4:	$\varphi_{2,1}$
$72_2 = \chi_{2,1}$	1
$72_4 = \chi_{2,3}$	1
$72_6 = \chi_{2,5}$	1

$$\varphi_{2,1} = 72_2$$

Block 5:	φ_{3+}	φ_{34+}
$438_1 = \chi_{3+}$	1	.
$3066_1 = \chi_{37+}$	.	1
$3066_2 = \chi_{43+}$	.	1
$3066_3 = \chi_{49+}$	.	1
$3066_4 = \chi_{55+}$	.	1
$3504_1 = \chi_{62+}$	1	1

$$\begin{aligned} \varphi_{3+} &= 438_1 \\ \varphi_{34+} &= 3066_1 \end{aligned}$$

Block 10:	$\varphi_{40,0+}$
$1314_1 = \chi_{68,0+}$	1
$1314_2 = \chi_{68,1+}$	1
$1314_3 = \chi_{68,2+}$	1

$$\varphi_{40,0+} = 1314_1$$