

type A3, s=7, subset=[1, 3]

$i+j=1$	$L_{2,3,2}^2L_{3,3,2}L_{2,4,2}L_{2,3,3}L_{3,4,2}L_{3,3,3}^2L_{2,4,3}L_{3,4,3}^2L_{4,4,3}L_{3,4,4}L_{4,4,4}$		
$i+j=3$	$L_{3,3,3}L_{4,4,3}L_{3,4,4}L_{4,4,4}$	$L_{1,2,1}L_{2,2,1}L_{1,2,2}L_{2,2,2}^2L_{2,3,2}^6L_{3,3,2}^6L_{2,4,2}^2L_{2,3,3}^6L_{4,3,2}^2L_{3,4,2}^4L_{3,3,3}^6L_{2,4,3}^4L_{2,3,4}^2L_{4,4,2}^2L_{3,4,3}^8L_{2,4,4}^2L_{4,4,3}^5L_{3,5,3}^2L_{3,4,4}^5L_{5,4,3}L_{4,5,3}L_{4,4,4}^2L_{3,5,4}L_{3,4,5}L_{4,5,4}$	
$i+j=5$	0	$L_{4,3,2}L_{3,3,3}L_{2,3,4}L_{3,4,3}L_{4,4,3}^2L_{3,4,4}^2L_{5,4,3}L_{4,4,4}L_{3,4,5}L_{4,5,4}$	$L_{1,2,1}L_{2,2,1}L_{1,2,2}L_{2,2,2}^2L_{2,3,2}^6L_{3,3,2}^6L_{2,4,2}^2L_{2,3,3}^6L_{4,3,2}^2L_{3,4,2}^4L_{3,3,3}^6L_{2,4,3}^4L_{2,3,4}^2L_{4,4,2}^2L_{3,4,3}^8L_{2,4,4}^2L_{4,4,3}^5L_{3,5,3}^2L_{3,4,4}^5L_{5,4,3}L_{4,5,3}L_{4,4,4}^2L_{3,5,4}L_{3,4,5}L_{4,5,4}$
$i+j=7$	0	0	$L_{3,3,3}L_{4,4,3}L_{3,4,4}L_{4,4,4}$
$h^{i,j}$	$j-i=1$	$j-i=3$	$j-i=5$

$i+j=1$	6160			
$i+j=3$	2875	34496		
$i+j=5$	0	9120	34496	
$i+j=7$	0	0	2875	6160
$h^{i,j}$	$j-i=1$	$j-i=3$	$j-i=5$	$j-i=7$

	module	multiplicity	dimension
	all		96182
$L(2\alpha_1+3\alpha_2+2\alpha_3)$	16	175	
$L(3\alpha_1+3\alpha_2+2\alpha_3)$	14	256	
$L(2\alpha_1+4\alpha_2+2\alpha_3)$	6	105	
$L(2\alpha_1+3\alpha_2+3\alpha_3)$	14	256	
$L(3\alpha_1+4\alpha_2+2\alpha_3)$	10	280	
$L(3\alpha_1+3\alpha_2+3\alpha_3)$	19	300	
$L(2\alpha_1+4\alpha_2+3\alpha_3)$	10	280	
$L(3\alpha_1+4\alpha_2+3\alpha_3)$	21	729	
$L(4\alpha_1+4\alpha_2+3\alpha_3)$	16	875	
$L(3\alpha_1+4\alpha_2+4\alpha_3)$	16	875	
$L(4\alpha_1+4\alpha_2+4\alpha_3)$	9	825	
$L(\alpha_1+2\alpha_2+\alpha_3)$	2	20	
$L(2\alpha_1+2\alpha_2+\alpha_3)$	2	45	
$L(\alpha_1+2\alpha_2+2\alpha_3)$	2	45	
$L(2\alpha_1+2\alpha_2+2\alpha_3)$	4	84	
$L(4\alpha_1+3\alpha_2+2\alpha_3)$	5	189	
$L(2\alpha_1+3\alpha_2+4\alpha_3)$	5	189	
$L(4\alpha_1+4\alpha_2+2\alpha_3)$	4	360	
$L(2\alpha_1+4\alpha_2+4\alpha_3)$	4	360	
$L(3\alpha_1+5\alpha_2+3\alpha_3)$	4	735	
$L(5\alpha_1+4\alpha_2+3\alpha_3)$	3	616	
$L(4\alpha_1+5\alpha_2+3\alpha_3)$	2	1280	
$L(3\alpha_1+5\alpha_2+4\alpha_3)$	2	1280	
$L(3\alpha_1+4\alpha_2+5\alpha_3)$	3	616	
$L(4\alpha_1+5\alpha_2+4\alpha_3)$	3	2156	