type A3, s=5, subset=[1, 3]

i+j=1	$L_{1,2,1}L_{2,2,1}L_{1,2,2}L^2_{2,2,2}L^2_{2,3,2}L_{3,3,2}L_{2,3,3}L_{3,3,3}$			
i+j=3	$L_{2,2,2}L_{3,3,2}L_{2,3,3}L_{3,3,3}$	$L^2_{1,1,1}L^2_{1,2,1}L^4_{2,2,1}L^4_{1,2,2}L^2_{3,2,1}L^6_{2,2,2}L^2_{1,2,3}L^6_{2,3,2}L^5_{3,3,2}L_{2,4,2}L^5_{2,3,3}L_{4,3,2}L_{3,4,2}L^2_{3,3,3}L_{2,4,3}L_{2,3,4}L_{3,4,3}$		
i+j=5	0	$L_{3,2,1}L_{2,2,2}L_{1,2,3}L_{2,3,2}L^2_{3,3,2}L^2_{2,3,3}L_{4,3,2}L_{3,3,3}L_{2,3,4}L_{3,4,3}$	$L^2_{1,1,1}L^2_{1,2,1}L^4_{2,2,1}L^4_{1,2,2}L^2_{3,2,1}L^6_{2,2,2}L^2_{1,2,3}L^6_{2,3,2}L^5_{3,3,2}L_{2,4,2}L^5_{2,3,3}L_{4,3,2}L_{3,4,2}L^2_{3,3,3}L_{2,4,3}L_{2,3,4}L_{3,4,3}$	
i+j=7	0	0	$L_{2,2,2}L_{3,3,2}L_{2,3,3}L_{3,3,3}$	$L_{1,2,1}L_{2,2,1}L_{1,2,2}L^2_{2,2,2}L^2_{2,3,2}L_{3,3,2}L_{2,3,3}L_{3,3,3}$
$h^{i,j}$	j−i=1	j−i=3	j−i=5	j−i=7

i+j=1	1440			
i+j=3	896	7056		
i+j=5	0	2760	7056	
i+j=7	0	0	896	1440
$h^{i,j}$	j−i=1	j−i=3	j−i=5	j−i=7

module	multiplicity	dimension
all		21544
$L(\alpha_1+2\alpha_2+\alpha_3)$	6	20
$L(2\alpha_1+2\alpha_2+\alpha_3)$	10	45
$L(\alpha_1+2\alpha_2+2\alpha_3)$	10	45
$L(2\alpha_1+2\alpha_2+2\alpha_3)$	19	84
$L(2\alpha_1+3\alpha_2+2\alpha_3)$	17	175
$L(3\alpha_1+3\alpha_2+2\alpha_3)$	16	256
$L(2\alpha_1+3\alpha_2+3\alpha_3)$	16	256
$L(3\alpha_1+3\alpha_2+3\alpha_3)$	9	300
$L(\alpha_1+\alpha_2+\alpha_3)$	4	15
$L(3\alpha_1+2\alpha_2+\alpha_3)$	5	35
$L(\alpha_1+2\alpha_2+3\alpha_3)$	5	35
$L(2\alpha_1+4\alpha_2+2\alpha_3)$	2	105
$L(4\alpha_1+3\alpha_2+2\alpha_3)$	3	189
$L(3\alpha_1+4\alpha_2+2\alpha_3)$	2	280
$L(2\alpha_1+4\alpha_2+3\alpha_3)$	2	280
$L(2\alpha_1+3\alpha_2+4\alpha_3)$	3	189
$L(3\alpha_1+4\alpha_2+3\alpha_3)$	3	729