Number of vertices $n = 6$.
Adjacencies of Graph

1. vertex 1 adjacent to 2 3 4 5 6
2. vertex 2 adjacent to 1
3. vertex 3 adjacent to 1
4. vertex 4 adjacent to 1
5. vertex 5 adjacent to 1
6. vertex 6 adjacent to 1

Size of automorphism group of the graph=120
Full group: $|Aut(polytope)| = 3840$
Restricted group: $|Aut(G) \times switch| = 3840$
Number of orbits for the full group : 1
List of orbits of facets for the full group: Total number of orbits = 1 Total number of facets = 10

1. Inequality 1 with incidence 16 and stabilizer of size 384. Orbit size is 10 nature: edge inequality e=[1, 6]

(1,2) : 0	(1,3) : 0	(1,4) : 0	(1,5) : 0	(1,6) : 1	