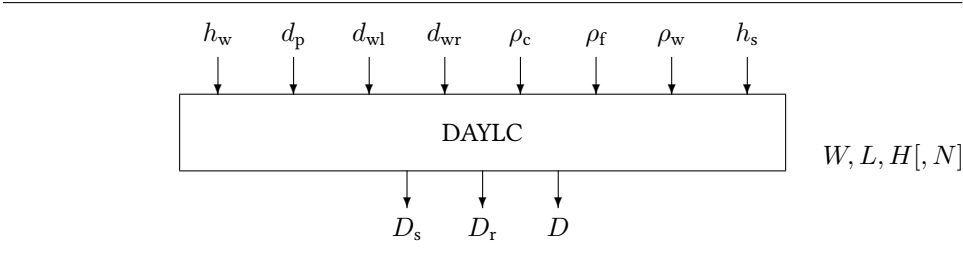


## Block DAYLC

The DAYLC block returns the daylight coefficient.



|                   |           |
|-------------------|-----------|
| <b>Name</b>       | DAYLC     |
| <b>Function</b>   | bs0006    |
| <b>Inputs</b>     | 8         |
| <b>Outputs</b>    | 3         |
| <b>Parameters</b> | 3 ... [4] |
| <b>Strings</b>    | 0         |
| <b>Group</b>      | S         |

### Inputs

- 1 Height  $h_w$  of window opening [m]
- 2 Distance  $d_p$  of observer's point from window [m]
- 3 Distance  $d_{wl}$  left to wall [m]
- 4 Distance  $d_{wr}$  right to wall [m]
- 5 Reflexion coefficient ceiling  $\rho_c$
- 6 Reflexion coefficient floor  $\rho_f$
- 7 Reflexion coefficient wall  $\rho_w$
- 8 Height of shadow from floor in meter  $h_s$

### Outputs

- 1 Skylight part of daylight coefficient  $D_s$
- 2 Interior reflexion part of daylight coefficient  $D_r$
- 3 Daylight coefficient  $D$  including losses

### Parameters

- 1 Room width  $W$
- 2 Room depth  $L$
- 3 Room height  $H$
- 4 Number of integration steps  $N$

Strings

None

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