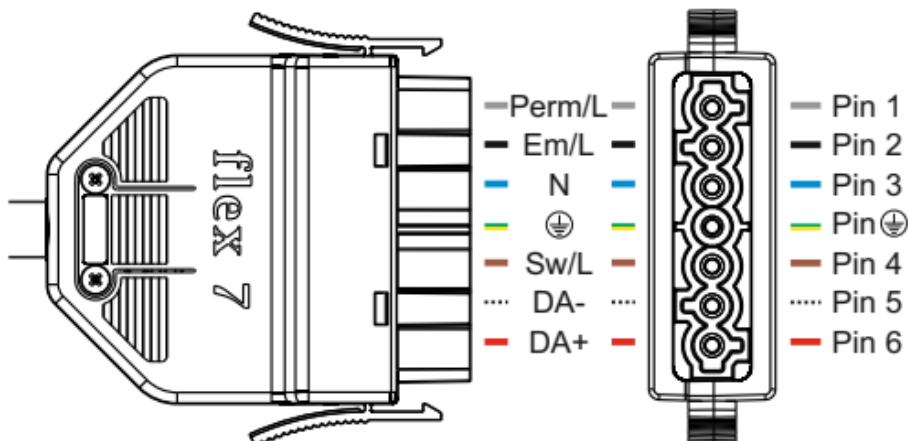


# Plug Pin Designation for Default flex7 Luminaire Leads

Luminaire Leads	Number of Cores in Plug				
	3	4	5	6	7
Perm/L — Grey	Pin 1				
Em/L — Black		Pin 2			
N — Blue			Pin 3		
— Green / Yellow				Pin 4	
Sw/L — Brown					Pin 5
DA- .... White					..... Pin 6
DA+ — Red					— Pin 6

Whilst we always endeavour to supply the core colours shown, on occasion we may need to supply an alternative.



**Note:** IET Wiring Regulations 18<sup>th</sup> Edition BS 7671

## 559.5.6~Protection against heat and UV radiation effects within luminaires

External cables and cores of cables connected within a luminaire or passing through shall be so selected and erected that they will not suffer damage or deterioration due to heat and UV radiation generated by the luminaire or its lamps (e.g. shielding of the cable from heat and/or UV by means of heat/UV-resistant sleeving).

# Plug Pin Designation for Specific Application flex7 Luminaire Leads

DALI Luminaire Leads (type D)	Number of Cores in Plug				
	3	4	5	6	7
Perm/L — Brown — Pin 1 —	○	○	●	●	○
Em/L — Black — Pin 2 —	○	○	●	●	○
N — Blue — Pin 3 —	○	○	●	●	○
⊕ — Green / Yellow — Pin ⊕ —	○	○	●	●	○
Sw/L — Pin 4 —	○	○	○	○	○
DA- ..... White ..... Pin 5 .....	○	○	●	●	○
DA+ — Red — Pin 6 —	○	○	●	●	○

DALI Luminaire Leads (type X)	Number of Cores in Plug				
	3	4	5	6	7
Perm/L — Pin 1 —	○	○	●	○	○
Em/L — Brown — Pin 2 —	○	○	●	○	○
N — Blue — Pin 3 —	○	○	●	○	○
⊕ — Green / Yellow — Pin ⊕ —	○	○	●	○	○
Sw/L — Pin 4 —	○	○	○	○	○
DA- ..... White ..... Pin 5 .....	○	○	●	○	○
DA+ — Red — Pin 6 —	○	○	●	○	○

Emergency Luminaire Leads (type E) (For non-maintained emergency fitting)	Number of Cores in Plug				
	3	4	5	6	7
Perm/L — Pin 1 —	○	○	○	○	○
Em/L — Brown — Pin 2 —	●	○	○	○	○
N — Blue — Pin 3 —	●	○	○	○	○
⊕ — Green / Yellow — Pin ⊕ —	●	○	○	○	○
Sw/L — Pin 4 —	○	○	○	○	○
DA- ..... White ..... Pin 5 .....	○	○	○	○	○
DA+ — Red — Pin 6 —	○	○	○	○	○

Power Only Luminaire Leads (type P) (For fittings with integral control)	Number of Cores in Plug				
	3	4	5	6	7
Perm/L — Brown — Pin 1 —	●	●	○	○	○
Em/L — Black — Pin 2 —	○	●	○	○	○
N — Blue — Pin 3 —	●	●	○	○	○
⊕ — Green / Yellow — Pin ⊕ —	●	●	○	○	○
Sw/L — Pin 4 —	○	○	○	○	○
DA- ..... White ..... Pin 5 .....	○	○	○	○	○
DA+ — Red — Pin 6 —	○	○	○	○	○