

## APPENDIX II -

*In all instances UN-ECE R48.03 and S.I. No. 422 of 2011 shall be consulted for additional information, clarifications etc.*

	Colour	Presence	Number	Arrangement	Position	Orientation	Electrical Connections	Tell-Tale
<b>Main Beam Headlight</b>	White	Mandatory , Prohibited on trailers	2 or 4	No individual specification	Width / Height no specification	Towards the front, see R-48	May be switched on together or in pairs	Circuit closed tell-tale
<b>Dipped Beam Headlight</b>	White	Mandatory	2	No individual specification	W: ≤ 400mm from outer edge of vehicle. H: 500-1200mm Above the ground	Towards the front, see R-48	Control must switch off main + dipped together	Optional, see R-48
<b>Front Fog Light</b>	White or Yellow	Optional, prohibited on trailers	2	No individual specification	W: ≤ 400mm H: 250-800mm	Towards the front, see R-48	Switch on + off independent of main lamps	Circuit closed tell-tale mandatory
<b>Reversing Lamp</b>	White	Mandatory , optional on O1 trailers	1 mandatory 2nd optional See R-48	No individual specification	W - no requirement H - 250 - 1200 mm	Rearwards, see R-48	Only light when in reverse	Optional
<b>Direction Indicators</b>	Amber	Mandatory	6	2 front, 2 rear, 2 side	W: ≤ 400mm H: 350-1500mm	See R-48	See R-48 can use amber side lamps M1	Visible or auditory or both
<b>Hazard Warning</b>	Amber	Mandatory	6	2 front, 2 rear, 2 side	W: ≤ 400mm H: 350-1500mm	See R-48	See R-48	Circuit closed tell-tale see R-48
<b>Stop Lamp</b>	Red	Mandatory	2 S1 or S2 plus 1 S3 or S4	no special arrangements	See R-48	Towards rear of vehicle	Must light up when brake applied	Optional, see R-48
<b>Rear Registration Plate Lamp</b>	White	Mandatory	Such that device illuminates the plate	see R-48	See R-48	See R-48	See R-48	Optional
<b>Front Position Lamp</b>	White	Mandatory for M1 See R-48 for trailers	2	no special arrangements	W: ≤ 400mm H: 350-1500mm	Forwards	See R-48	Circuit closed tell-tale
<b>Rear Position Lamp</b>	Red	Mandatory	2, see R-48	no special arrangements	W: ≤ 400mm H: 350-1500mm	Rearwards	See R-48	Circuit closed tell-tale see R-48
<b>Rear Fog Lamp</b>	Red	Mandatory	1 or 2	no special arrangements	See R-48	Rearwards	See R-48	Circuit closed tell-tale
<b>Parking Lamp</b>	White Front, Red Rear	M1 optional, see R-48	2 front, 2 rear or 1 lamp on each side	front & rear or each side	W: ≤ 400mm H: 350-1200mm	See R-48	See R-48	Optional, see R-48

<b>End-Outline Marker Lamp</b>	White Front, Red Rear		2 front, 2 rear	no special arrangements	W: ≤ 400mm H: see R-48	See R-48	See R-48	Optional, see R-48
<b>Rear Retro-Reflector Non-Triangular</b>	Red	Mandatory	2	no special arrangements	W: M1 no requirement See R-48 H: 250-900mm	Rearwards. May have parts in common with the illuminating surface of the other rear lamps	n/a	n/a
<b>Rear Retro-Reflector Triangular</b>	Red	Trailers ONLY, see R-48	2	Apex of ▲ directed upwards	See R-48	Rearwards	n/a	n/a
<b>Front Retro-Reflector Non-Triangular</b>	White	Mandatory for M1 if forward lamps are concealable mandatory on trailers	2	No special arrangements	W ≤ 400mm H: 250-900mm	Frontwards	n/a	n/a
<b>Side Retro-Reflector Non-Triangular</b>	Amber	M1 < 6m long, optional	See R-48	No special arrangements	W ≤ 400mm H: 250-900mm	Towards the side	n/a	n/a
<b>Side-Marker Lamps</b>	Amber	M1 < 6m long, optional See R-48	See R-48	No special arrangements	See R-48	Towards the side	See R-48	Optional
<b>Daytime Running Lamp</b>	White	Mandatory Prohibited on trailers	2	No special arrangements	See R-48	Towards the front	See R-48	Optional
<b>Cornering Lamp</b>	White	Optional	2	No special arrangements	See R-48	See R-48	See R-48	None
<b>Conspicuity Markings</b>	white/yel low side, red/yellow rear	Prohibited on M1 and O1	See R-48	See R-48	See R-48	- See R-48	-	-
<b>Adaptive Front Lighting System (AFS)</b>	White	Optional prohibited on trailers	1	No special arrangements	See R-48	See R-48	See R-48	See R-48
<b>Emergency Stop Signal</b>	Amber or Red	Optional	See R-48	see R-48	See R-48	See R-48	See R-48	See R-48