TABLE VII: REAR TURN SIGNAL LAMP PHOTOMETRY REQUIREMENTS

GROUP NUMBER	TEST POINT (degrees)		TEST POINTS APPLICABLE TO DOUBLE FACED LAMPS[6]		MINIMUM PHOTOMETRIC INTENSITY RATIO WHERE COMBINED WITH A TAIL LAMP OR CLEARANCE LAMP[7][8]	MINIMUM PHOTOMETRIC INTENSITY[1][2] (cd) RED LAMPS			GROUP MINIMUM PHOTOMETRIC INTENSITY (cd) RED LAMPS			MINIMUM PHOTOMETRIC INTENSITY[1][2] (cd) AMBER LAMPS			GROUP MINIMUM PHOTOMETRIC INTENSITY (cd) AMBER LAMPS		
			LEFT SIDE LAMP	RIGHT SIDE LAMP		Lighted Sections			Lighted Sections			Lighted Sections			Lighted Sections		
						1	2	3	1	2	3	1[5]	2	3	1[5]	2	3
1	20L	5U	NO	YES	3	10	12	15	50	60	70	15	20	25	80/84	100	120
		5D	NO	YES	3	10	12	15				15	20	25			
	5L	10U	NO	YES	3	16	19	22				26/27	30	35			
		10D[3]	NO	YES	3	16	19	22				26/27	30	35			
2	10L	5U	NO	YES	3	30	35	40	100	115	135	50	55	65	165	185	220
		H	NO	YES	3	40	47	55				65	75	90			
		5D	NO	YES	3	30	35	40				50	55	65			
3	V	5U	YES	YES	5	70	82	95	380	445	520	110	130	150	610/590	710	825
	5L	H	NO	YES	5	80	95	110				130/120	150	175			
	V		YES	YES	5	80	95	110				130	150	175			
	5R		YES	NO	5	80	95	110				130/120	150	175			
	V	5D	YES	YES	3	70	82	95				110	130	150			
4	10R	5U	YES	NO	3	30	35	40	100	115	135	50	55	65	165	185	220
		H	YES	NO	3	40	47	55				65	75	90			
		5D	YES	NO	3	30	35	40				50	55	65			
5	5R	10U	YES	NO	3	16	19	22	50	60	70	26/27	30	35	80/84	100	120
		10D[3]	YES	NO	3	16	19	22				26/27	30	35			
	20R	5U	YES	NO	3	10	12	15				15	20	25			
		5D	YES	NO	3	10	12	15				15	20	25			
MAXIMUM PHOTOMETRIC INTENSITY[4]						300	360	420				750	900	900			

[1] The measured values at each test point must not be less than 60% of the minimum value.

[2] The photometric intensity values between test points must not be less than the lower specified minimum value of the two closest adjacent test points on a horizontal or vertical line.

[3] Where turn signal lamps are mounted with their axis of reference less than 750 mm above the road surface, photometry requirements below 5° down may be met at 5° down rather than at the required downward angle.

[4] The maximum photometric intensity must not occur over any area larger than that generated by a 0.5° radius within a solid angle defined by the test point range

[5] Values preceded by a slash (/) apply only to multipurpose passenger vehicles, trucks, trailers, and buses of 2032 mm or more in overall width.

[6] A double faced turn signal lamp installed as described in S6.1.1.3 on a truck tractor need only meet the photometric requirements for a left side lamp where the lamp is mounted on the left side of the vehicle, and for a right side lamp where the lamp is mounted on the right side of the vehicle.

[7] Required only when combined turn signal lamp and clearance lamp is installed on a vehicle 2032 mm or more in overall width.

[8] When a taillamp (or clearance lamp on a vehicle 2032 mm or more in overall width) is combined with a rear turn signal lamp and the maximum luminous intensity of the taillamp (or clearance lamp) is located below horizontal and within an area generated by a 0.5° radius around a test point (1.0° radius on lamps installed on a vehicle 2032 mm or more in overall width), the ratio for the test point may be computed by using the lowest value of the taillamp (or clearance lamp) luminous intensity within the generated area.