

TABLE XIII-a: MOTORCYCLE TURN SIGNAL LAMP ALTERNATIVE PHOTOMETRY REQUIREMENTS

GROUP NUMBER	TEST POINT (degrees)	MINIMUM PHOTOMETRIC INTENSITY RATIO WHERE COMBINED WITH A:		MINIMUM PHOTOMETRIC INTENSITY ⁽¹⁾⁽²⁾ (cd)			GROUP MINIMUM PHOTOMETRIC INTENSITY (cd)			MINIMUM PHOTOMETRIC INTENSITY ⁽¹⁾⁽²⁾ (cd)			GROUP MINIMUM PHOTOMETRIC INTENSITY ⁽¹⁾⁽²⁾ (cd)										
		PARKING LAMP	TAIL LAMP ⁽⁵⁾	FRONT TURN SIGNAL LAMP			FRONT TURN SIGNAL LAMP			RED REAR TURN SIGNAL LAMP			RED REAR TURN SIGNAL LAMP										
				1	2	3	1	2	3	1	2	3	1	2	3								
1	20L	3	3	12.5	15	17.5	65	77.5	90	170	125	147.5	170	50	57.5	67.5	25	27.5	32.5	45	82.5	92.5	110
		-	3	12.5	15	17.5																	
	3	3	20	24	27.5																		
	-	3	20	24	27.5																		
	3	3	37.5	44	50																		
2	H	3	3	50	60	70	125	147.5	170	125	147.5	170	50	57.5	67.5	25	27.5	32.5	45	82.5	92.5	110	
	5D	-	3	37.5	44	50	125	147.5	170	125	147.5	170	50	57.5	67.5	25	27.5	32.5	45	82.5	92.5	110	
	5U	5	5	87.5	102.5	117.5	475	565	647.5	475	565	647.5	190	222.5	260	55	65	75	87.5	305	355	412.5	
3	5L	5	5	100	120	137.5	475	565	647.5	475	565	647.5	190	222.5	260	65	75	87.5	305	355	412.5		
	V	5	5	100	120	137.5	475	565	647.5	475	565	647.5	190	222.5	260	65	75	87.5	305	355	412.5		
	5R	5	5	100	120	137.5	475	565	647.5	475	565	647.5	190	222.5	260	65	75	87.5	305	355	412.5		
	V	-	3	87.5	102.5	117.5	475	565	647.5	475	565	647.5	190	222.5	260	65	75	87.5	305	355	412.5		
	5U	3	3	37.5	44	50	125	147.5	170	125	147.5	170	50	57.5	67.5	25	27.5	32.5	45	82.5	92.5	110	
4	10R	3	3	50	60	70	125	147.5	170	125	147.5	170	50	57.5	67.5	25	27.5	32.5	45	82.5	92.5	110	
	5D	-	3	37.5	44	50	125	147.5	170	125	147.5	170	50	57.5	67.5	25	27.5	32.5	45	82.5	92.5	110	
	10U	3	3	20	24	27.5	65	77.5	90	65	77.5	90	25	30	35	13	15	17.5	40	50	60		
5	5R	-	3	12.5	15	17.5	65	77.5	90	65	77.5	90	25	30	35	7.5	10	12.5	40	50	60		
	20R	-	3	12.5	15	17.5	65	77.5	90	65	77.5	90	25	30	35	7.5	10	12.5	40	50	60		
	MAXIMUM PHOTOMETRIC INTENSITY ⁽³⁾	-	3	300	360	420	300	360	420	300	360	420	750	900	900	750	900	900	750	900	900	750	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) 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.

(4) 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 specified required downward angle.

(5) When a taillamp is combined with a rear turn signal lamp and the maximum luminous intensity of the taillamp is located below horizontal and within an area generated by a 0.5° radius around a test point the ratio for the test point may be computed by using the lowest value of the taillamp luminous intensity within the generated area.