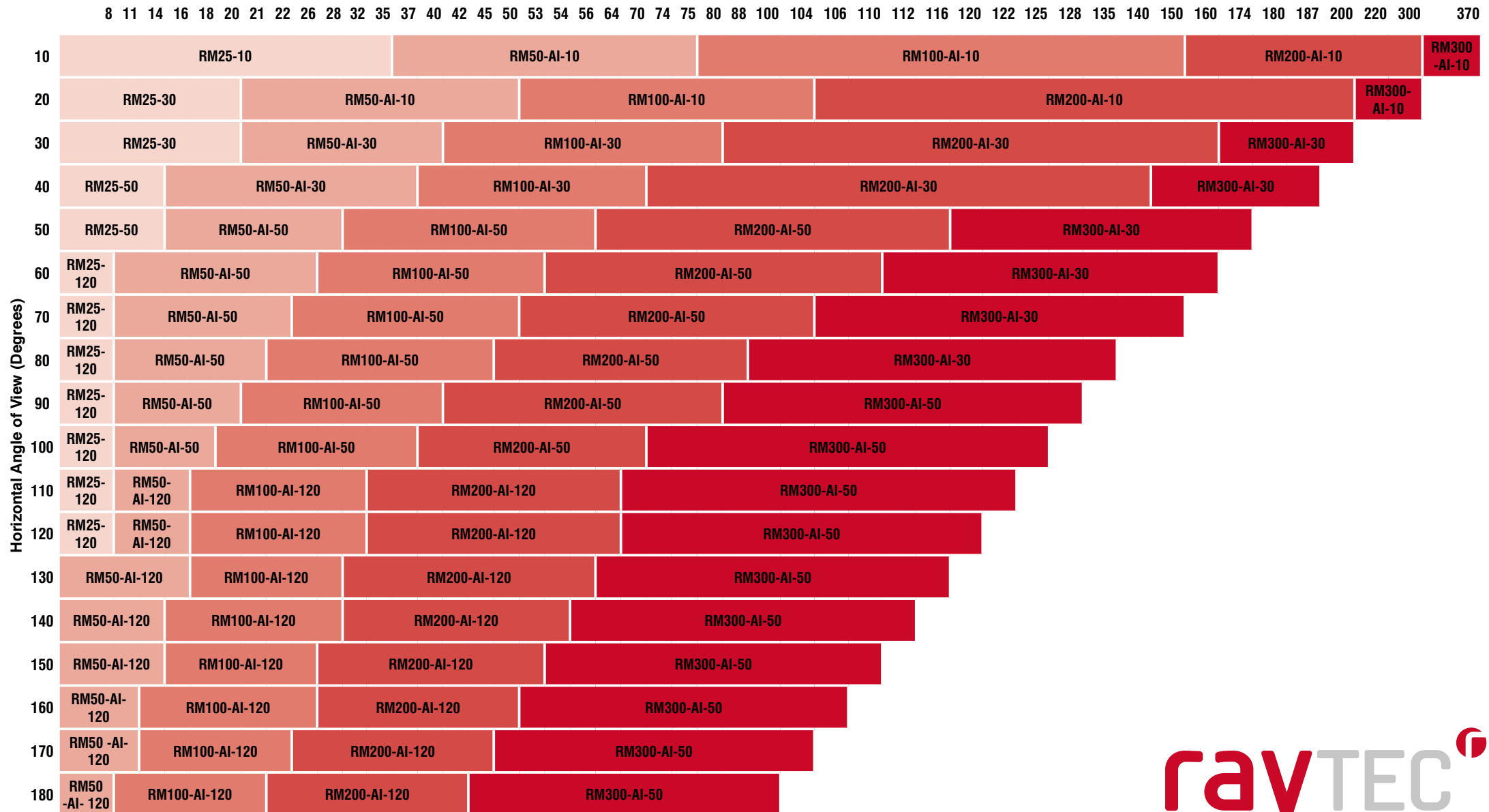


rayMAX INFRA-RED DISTANCE CHART



Maximum Distance (Metres) (Not shown to scale)



Horizontal Angle of View (Degrees)

rayLUX WHITE-LIGHT DISTANCE CHART

Distances for Surveillance purposes only – NOT for general area illumination



Maximum Distance (Metres) (Not shown to scale)

	8	9	10	11	12	13	14	15	16	17	18	20	22	23	25	26	28	30	32	34	36	39	40	42	45	46	53	56	59	60	63	65	66	69	70	72	75	78	80	81	85	87	90	94	100	105	112	120	121	130	140	190	200	240
10	RL25-30												RL50-AI-10												RL100-AI-10												RL200-AI-10						RL300-AI-10											
20	RL25-30												RL50-AI-10												RL100-AI-10												RL200-AI-10						RL300-AI-10											
30	RL25-30												RL50-AI-30												RL100-AI-30												RL200-AI-30						RL300-AI-30											
40	RL25-50						RL50-AI-30												RL100-AI-30						RL200-AI-30												RL300-AI-30																	
50	RL25-50						RL50-AI-50												RL100-AI-50						RL200-AI-50												RL300-AI-50																	
60	RL25-120	RL50-AI-50												RL100-AI-50						RL200-AI-50												RL300-AI-50																						
70	RL25-120	RL50-AI-50												RL100-AI-50						RL200-AI-50												RL300-AI-50																						
80	RL25-120	RL50-AI-50												RL100-AI-50						RL200-AI-50												RL300-AI-50																						
90	RL25-120	RL50-AI-50												RL100-AI-50						RL200-AI-50												RL300-AI-50																						
100	RL25-120	RL50-AI-50												RL100-AI-50						RL200-AI-50												RL300-AI-50																						
110	RL25-120	RL50-AI-120	RL100-AI-120	RL200-AI-120												RL300-AI-50																																						
120	RL25-120	RL50-AI-120	RL100-AI-120	RL200-AI-120												RL300-AI-50																																						
130	RL50-AI-120						RL100-AI-120						RL200-AI-120						RL300-AI-50																																			
140	RL50-AI-120						RL100-AI-120						RL200-AI-120						RL300-AI-50																																			
150	RL50-AI-120						RL100-AI-120						RL200-AI-120						RL300-AI-50																																			
160	RL50-AI-120						RL100-AI-120						RL200-AI-120						RL300-AI-50																																			
170	RL50-AI-120						RL100-AI-120						RL200-AI-120						RL300-AI-50																																			
180	RL50-AI-120						RL100-AI-120						RL200-AI-120						RL300-AI-50																																			

Horizontal Angle of View (Degrees)

⚠ WARNING

These distances are based on RAYLUX White-Light illuminators in operation with surveillance cameras. If using White-Light technology for general or multi-purpose lighting projects, including RAYLUX Urban, contact Raytec directly. Raytec can help with the design and specification of White-Light for general area lighting projects, providing detailed layout plans to highlight the best lighting positions and illuminance levels.

Call +44 (0) 1670 520055 for your free site survey and energy report



Horizontal Angle of View (Degrees)

Infra-Red Single Panel

Maximum Distance (Metres) (Not shown to scale)

	30	45	65	80	120	150	180	200	220
10	VAR-i2-1 10 x 10°			VAR-i4-1 10 x 10°		VAR-i8-1 10 x 10°			
20	VAR-i2-1 35 x 10°		VAR-i4-1 35 x 10°	VAR-i8-1 35 x 10°					
35	VAR-i2-1 35 x 10°		VAR-i4-1 35 x 10°	VAR-i8-1 35 x 10°					
40	VAR-i2-1 60 x 25°	VAR-i4-1 60 x 25°	VAR-i8-1 60 x 25°						
50	VAR-i2-1 60 x 25°	VAR-i4-1 60 x 25°	VAR-i8-1 60 x 25°						
60	VAR-i2-1 60 x 25°	VAR-i4-1 60 x 25°	VAR-i8-1 60 x 25°						

Horizontal Angle of View (Degrees)

Infra-Red Adaptive Illumination™

Maximum Distance (Metres) (Not shown to scale)

	20	30	40	45	52	65	70	78	80	90	112	120	135	140	170	208	220	260	310	380
10	VAR-i2-2 10 x 10°												VAR-i4-2 10 x 10°			VAR-i4-3 10 x 10°	VAR-i8-2 10 x 10°	VAR-i8-3 10 x 10°		
20	VAR-i2-2 35 x 10°					VAR-i4-2 35 x 10°						VAR-i4-3 35 x 10°	VAR-i8-2 35 x 10°	VAR-i8-3 35 x 10°						
30	VAR-i2-2 35 x 10°					VAR-i4-2 35 x 10°						VAR-i4-3 35 x 10°	VAR-i8-2 35 x 10°	VAR-i8-3 35 x 10°						
35	VAR-i2-2 35 x 10°					VAR-i4-2 35 x 10°						VAR-i4-3 35 x 10°	VAR-i8-2 35 x 10°	VAR-i8-3 35 x 10°						
50	VAR-i2-2 60 x 25°			VAR-i4-2 60 x 25°		VAR-i4-3 60 x 25°	VAR-i8-2 60 x 25°		VAR-i8-3 60 x 25°											
60	VAR-i2-2 60 x 25°			VAR-i4-2 60 x 25°		VAR-i4-3 60 x 25°	VAR-i8-2 60 x 25°		VAR-i8-3 60 x 25°											
70	VAR-i2-2 80 x 30°		VAR-i4-2 80 x 30°	VAR-i4-3 80 x 30°	VAR-i8-2 80 x 30°	VAR-i8-3 80 x 30°														
80	VAR-i2-2 80 x 30°		VAR-i4-2 80 x 30°	VAR-i4-3 80 x 30°	VAR-i8-2 80 x 30°	VAR-i8-3 80 x 30°														
90	VAR-i2-2 120 x 50°	VAR-i4-2 120 x 50°	VAR-i4-3 120 x 50°	VAR-i8-2 120 x 50°		VAR-i8-3 120 x 50°														
100	VAR-i2-2 120 x 50°	VAR-i4-2 120 x 50°	VAR-i4-3 120 x 50°	VAR-i8-2 120 x 50°		VAR-i8-3 120 x 50°														
110	VAR-i2-2 120 x 50°	VAR-i4-2 120 x 50°	VAR-i4-3 120 x 50°	VAR-i8-2 120 x 50°		VAR-i8-3 120 x 50°														
120	VAR-i2-2 120 x 50°	VAR-i4-2 120 x 50°	VAR-i4-3 120 x 50°	VAR-i8-2 120 x 50°		VAR-i8-3 120 x 50°														

VARIO AI DISTANCE CHART

covers every angle

Horizontal Angle of View (Degrees)

White-Light Single Panel

		Maximum Distance (Metres) (Not shown to scale)														
		20	30	35	40	45	50	55	60	70	80	90	100	130	150	
10		VAR-w2-1 10 x 10°					VAR-w4-1 10 x 10°					VAR-w8-1 10 x 10°				
20		VAR-w2-1 35 x 10°			VAR-w4-1 35 x 10°			VAR-w8-1 35 x 10°								
35		VAR-w2-1 35 x 10°			VAR-w4-1 35 x 10°			VAR-w8-1 35 x 10°								
40		VAR-w2-1 60 x 25°	VAR-w4-1 60 x 25°	VAR-w8-1 60 x 25°												
50		VAR-w2-1 60 x 25°	VAR-w4-1 60 x 25°	VAR-w8-1 60 x 25°												
60		VAR-w2-1 60 x 25°	VAR-w4-1 60 x 25°	VAR-w8-1 60 x 25°												

Horizontal Angle of View (Degrees)

White-Light Adaptive Illumination™

		Maximum Distance (Metres) (Not shown to scale)																						
		15	20	26	30	35	42	45	52	55	65	80	83	90	95	112	139	150	170	210	260			
10		VAR-w2-2 10 x 10°												VAR-w4-2 10 x 10°			VAR-w4-3 10 x 10°	VAR-w8-2 10 x 10°	VAR-w8-3 10 x 10°					
20		VAR-w2-2 35 x 10°						VAR-w4-2 35 x 10°			VAR-w4-3 35 x 10°	VAR-w8-2 35 x 10°	VAR-w8-3 35 x 10°											
30		VAR-w2-2 35 x 10°						VAR-w4-2 35 x 10°			VAR-w4-3 35 x 10°	VAR-w8-2 35 x 10°	VAR-w8-3 35 x 10°											
35		VAR-w2-2 35 x 10°						VAR-w4-2 35 x 10°			VAR-w4-3 35 x 10°	VAR-w8-2 35 x 10°	VAR-w8-3 35 x 10°											
50		VAR-w2-2 60 x 25°			VAR-w4-2 60 x 25°			VAR-w4-3 60 x 25°	VAR-w8-2 60 x 25°	VAR-w8-3 60 x 25°														
60		VAR-w2-2 60 x 25°			VAR-w4-2 60 x 25°			VAR-w4-3 60 x 25°	VAR-w8-2 60 x 25°	VAR-w8-3 60 x 25°														
70		VAR-w2-2 80 x 30°	VAR-w4-2 80 x 30°		VAR-w4-4 80 x 30°	VAR-w8-2 80 x 30°	VAR-w8-3 80 x 30°																	
80		VAR-w2-2 80 x 30°	VAR-w4-2 80 x 30°		VAR-w4-4 80 x 30°	VAR-w8-2 80 x 30°	VAR-w8-3 80 x 30°																	
90		VAR-w2-2 120 x 50°	VAR-w4-2 120 x 50°	VAR-w4-3 120 x 50°	VAR-w8-2 120 x 50°	VAR-w8-3 120 x 50°																		
100		VAR-w2-2 120 x 50°	VAR-w4-2 120 x 50°	VAR-w4-3 120 x 50°	VAR-w8-2 120 x 50°	VAR-w8-3 120 x 50°																		
110		VAR-w2-2 120 x 50°	VAR-w4-2 120 x 50°	VAR-w4-3 120 x 50°	VAR-w8-2 120 x 50°	VAR-w8-3 120 x 50°																		
120		VAR-w2-2 120 x 50°	VAR-w4-2 120 x 50°	VAR-w4-3 120 x 50°	VAR-w8-2 120 x 50°	VAR-w8-3 120 x 50°																		

