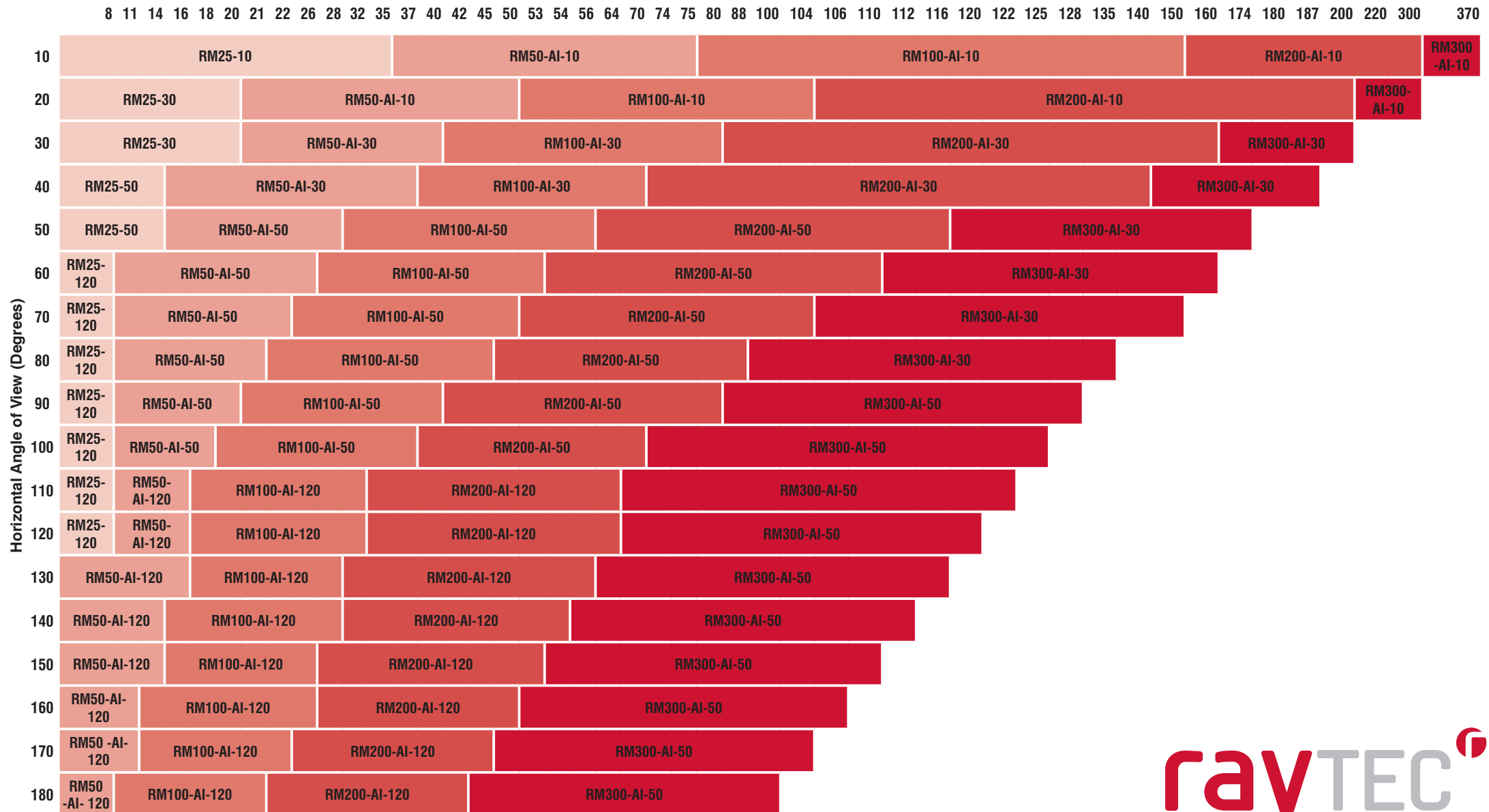


# rayMAX INFRA-RED DISTANCE CHART



Maximum Distance (Metres) (Not shown to scale)



Horizontal Angle of View (Degrees)



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# rayLUX WHITE-LIGHT DISTANCE CHART

Distances for Surveillance purposes only – NOT for general area illumination



Maximum Distance (Metres) (Not shown to scale)

Horizontal Angle of View (Degrees)	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																																								

## ⚠ 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



# VARIO DISTANCE CHART

covers every angle

## Infra-Red

Maximum Distance (Metres) (Not shown to scale)

Horizontal Angle of View (Degrees)	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°						

## White-Light

Maximum Distance (Metres) (Not shown to scale)  
Distances for Surveillance purposes only – NOT for general area illumination

Horizontal Angle of View (Degrees)	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											

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