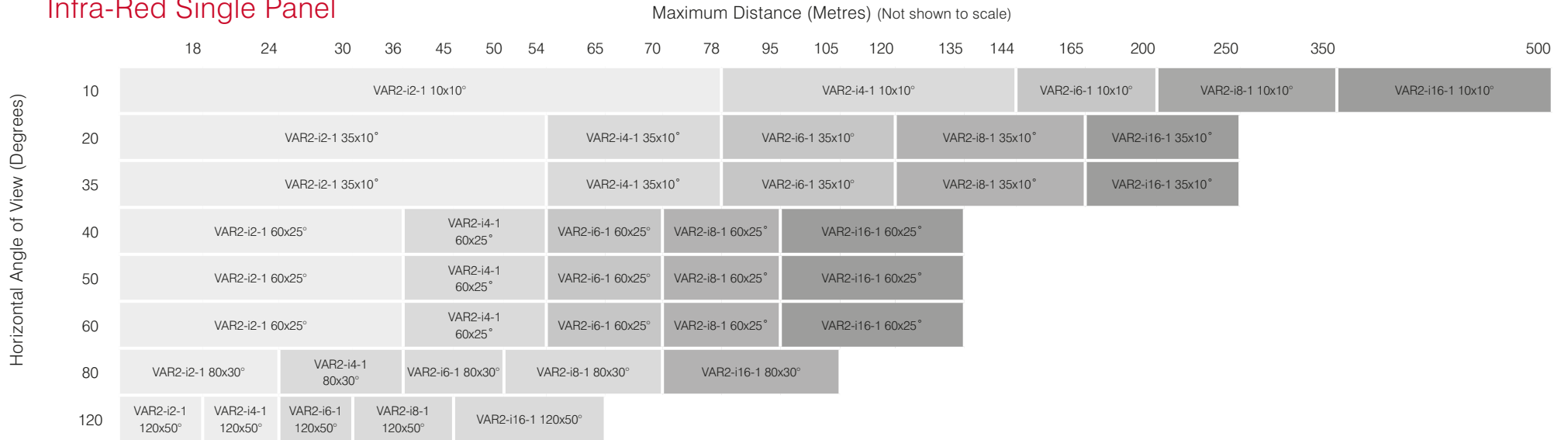


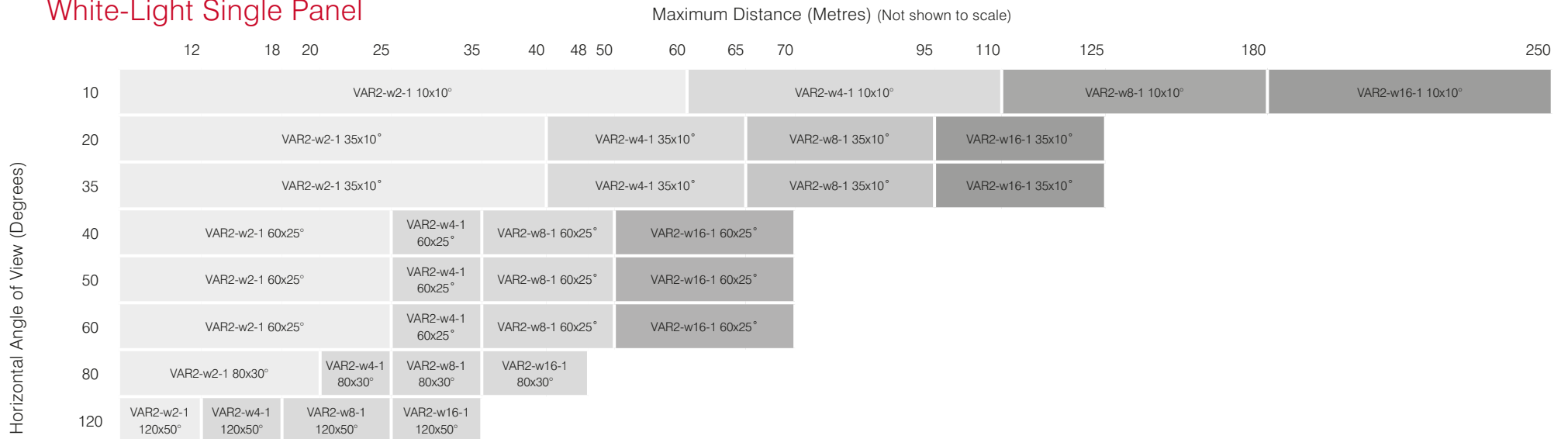
VARIO2 Distance Chart

Infra-Red Single Panel



The VARIO2 Infra-Red series includes i2, i4, i6, i8 and i16 variants.

White-Light Single Panel



The VARIO2 White-Light series includes w2, w4, w8 and w16 variants.

VARIO1 DISTANCE CHART

covers every angle

Infra-Red Single Panel

Horizontal Angle of View (Degrees)

		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°							

Infra-Red Adaptive Illumination™

Horizontal Angle of View (Degrees)

		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°													

VARIO1 DISTANCE CHART

covers every angle

White-Light Single Panel

Horizontal Angle of View (Degrees)

	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°												

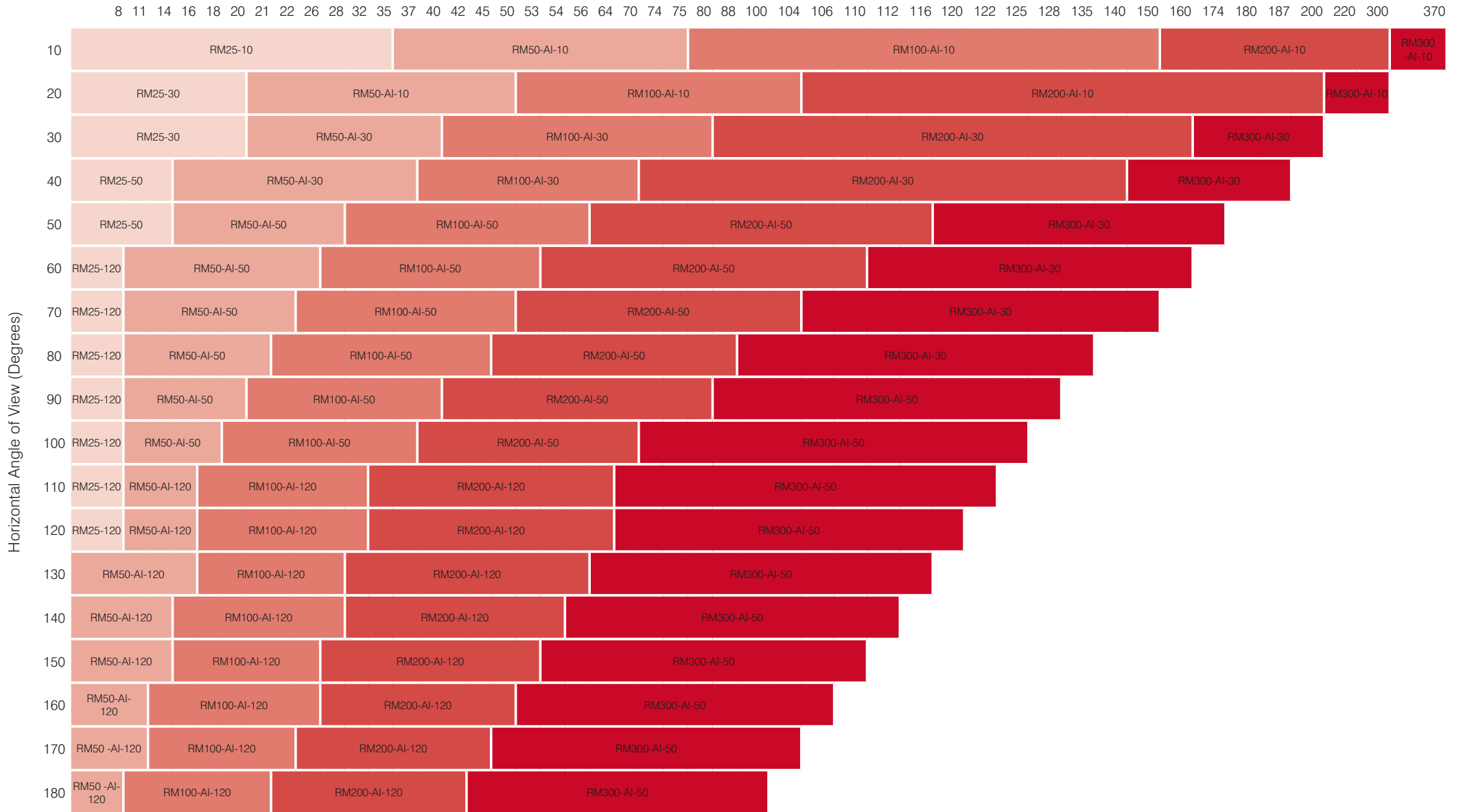
White-Light Adaptive Illumination™

Horizontal Angle of View (Degrees)

	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°																		

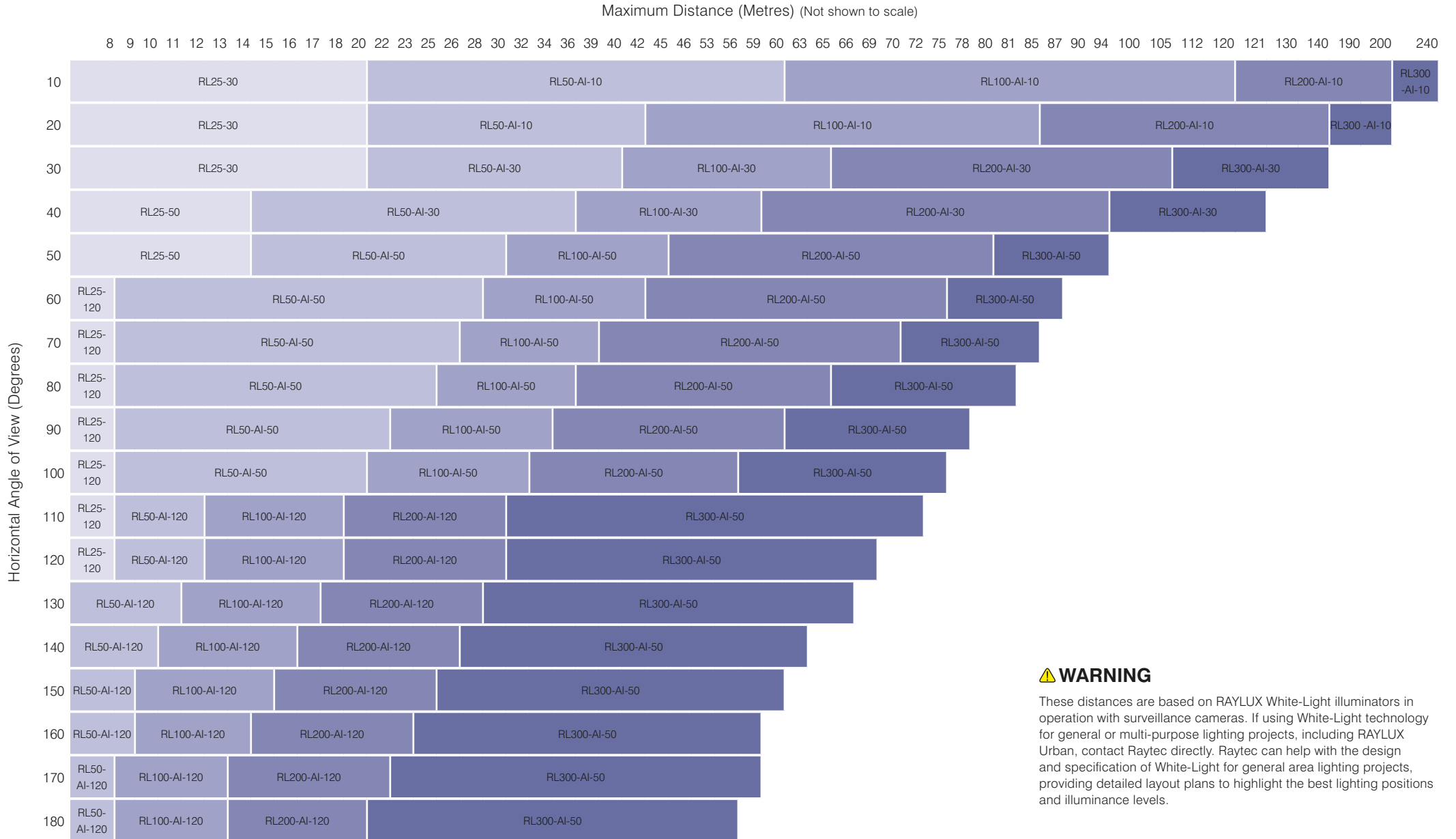
rayMAX Infra-Red Distance Chart

Maximum Distance (Metres) (Not shown to scale)



rayLUX White-Light Distance Chart

Distances for Surveillance purposes only – NOT for general area illumination



⚠ 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.