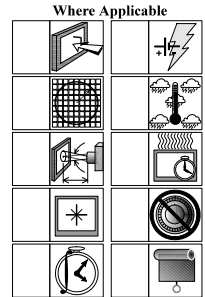












# DIRECT-VIEW FPD DATA RECORD — SUITE OF BASIC MEASUREMENTS

DISPLAY INFO: Manufacturer: \_\_\_\_\_ Model No: \_\_\_\_\_ Serial No: \_\_\_\_\_ Rev. Level: \_\_\_\_\_  
 DESCRIPTION: Diagonal Size: \_\_\_\_\_ Pixels: \_\_\_\_\_ (hor) × \_\_\_\_\_ (ver) Technology: \_\_\_\_\_ Configuration: \_\_\_\_\_  
 PITCH: Horizontal: Pixel: \_\_\_\_\_ Subpixel (Dot): \_\_\_\_\_ Other: \_\_\_\_\_ Measurement Direction: \_\_\_\_\_  
 Vertical: Pixel: \_\_\_\_\_ Subpixel (Dot): \_\_\_\_\_ Other: \_\_\_\_\_ Location of Center Meas.: \_\_\_\_\_  
 COLORS: Bits/color: \_\_\_\_\_ Color bits: \_\_\_\_\_ Gray Levels: \_\_\_\_\_ Total Colors: \_\_\_\_\_ Signal Source: \_\_\_\_\_ Power Source: \_\_\_\_\_  
 SIZE: Active Area: \_\_\_\_\_ (hor) × \_\_\_\_\_ (ver) LMD: Make \_\_\_\_\_ Model \_\_\_\_\_ Serial No \_\_\_\_\_ Distance \_\_\_\_\_ AFOV \_\_\_\_\_  
 OVERALL: Dimensions: \_\_\_\_\_ (hor) × \_\_\_\_\_ (ver) Depth: \_\_\_\_\_ Mass (weight): \_\_\_\_\_ Design Viewing Direction: \_\_\_\_\_  
 Test Person: \_\_\_\_\_ Date: \_\_\_\_\_ Warm-Up Time: \_\_\_\_\_ min Temperature: \_\_\_\_\_ °C Run: \_\_\_\_\_ Page 1/2



Full-Screen Center (302-1...4)				Uniformity: Nonuniformity = 100% x [1-(Min/Max)] or $\Delta u'v'$ (306-1,2,3,6)										Power Consumption (401-1)				Frontal Lum. Eff. (402-1)				
	$L$ cd/m <sup>2</sup>	$x$	$y$	9 pt	5 pt	$L_w$	$L_b$	$C_U$	$x_w$	$y_w$	$u'_w$ *	$v'_w$ *	CCT	Supply	Volts	I(A)	(W)	Pattern:	White Full Screen			
White				1	1									High				Voltage	$V_{dc/ac(rms)}$			
Black				2										Panel				Current	$A_{dc/ac(rms)}$			
$C_R$		No Units for $C_R$			3	2								Low				Power, $P$	$W_{dc/ac(rms)}$			
Red				4										High				$L_w$	cd/m <sup>2</sup>			
Green				5	3									Inverter				$\epsilon = L_w / P$	cd/m <sup>2</sup> W			
Blue				6										Low				Checkerboard Con. (304-9)				
Full-Screen Gray Scale (302-5)				7	4									High				Pattern n×m	×			
Level	$L$ cd/m <sup>2</sup>	Opt-16	$L$ cd/m <sup>2</sup>	8										Other				$L_w$	$L_b$			
Wht-7		Wht-15		9	5									Low				$C_C$				
6		14		Ave.										Pattern Used: ↓	High			Response Time (305-1)				
5		13		Min.											TOTAL			Blk-Wht	ms			
4		12		Max.											Low			Wht-Blk	ms			
3		11		Nonunif.										Ambient Contrast (308-2)				Total	ms			
2		10		An. Low										White $L_{AW}$		$L_w$		$L_b$	$L'_w$	$L'_b$		
1		9		An. High										Black $L_{AB}$		$L_{aw}$		$L_{ab}$	$L_{std}$	$\rho_{std}$		
Blck-0		8		An. Non.					Anomalous $\Delta u'v'$					$C_A$		$E$		$E_L$				
Gamma				Viewing Angle (307-1 or 2)		White			Black				Red			Green			Blue			
				Direct'n	Angle	$L_w$	$x_w$	$y_w$	CCT(K)	$L_b$	$x_b$	$y_b$	$C_R$	$L_{red}$	$x_{red}$	$y_{red}$	$L_{grn}$	$x_{grn}$	$y_{grn}$	$L_{blu}$	$x_{blu}$	$y_{blu}$
Shad.=100%  $L_{box}-L_{bkg}$  / $L_{bkg}$ (303-4)				Box at (A-E)	Lum. (cd/m <sup>2</sup> )	Up $\theta_U$																
				Box (0-7)	$L_{box}$	Dwn $\theta_D$																
				Bkgnd. (0-7)	$L_{bkg}$	Right $\theta_R$																
				Shadowing %		Left $\theta_L$																
Comments:																			$u' = 4x/(3+12y-2x)$			
																			$v' = 9y/(3+12y-2x)$			

### Where Applicable

[illegible]