Relationship brightness B^*_{YT} and tristimulus value Y_T as function of viewing angle φ for test equal adaptation luminance $L_a = 3$ cd/m^2

$B^*_{YT}(L_T, L_a, \varphi) = s_y(L_a,\varphi) L_T^n - d_y(L_a, \varphi)$ brightness B^*_{YT} [1]

$B_0(L_a, \varphi) = C_T(\varphi)[S_0(\varphi) + S_1(\varphi) L_a^n]$ (n=0,31, $L_{ra}^n = (L_{300}/L_a)^n$) [2]

$s_y(\varphi) = C_T(\varphi) L_{ra}^n$ [3] $d_y(L_a,\varphi) = B_0(L_a, \varphi) L_{ra}^n$ [4] (s=scaling factor)

Y_T	φ	$C_T(\varphi)$	$S_0(\varphi)$	$S_1(\varphi)$	$B_0(L_a,\varphi)$	B^*_{YT}	$s_y(L_a,\varphi)$	$d_y(L_a,\varphi)$
3	120’	22,969	0,0718	0,2448	9,55	94,76	95,75	39,83
3	100’	23,128	0,0747	0,2494	9,83	94,52	96,41	41,01
3	90’	23,415	0,1086	0,2526	10,86	91,93	97,60	45,27
3	60’	23,973	0,1313	0,2657	12,10	90,02	99,93	50,46
3	30’	26,235	0,1797	0,3188	16,47	85,05	109,36	68,68
3	20’	27,971	0,2013	0,3555	19,61	82,15	116,60	81,75
3	10’	30,747	0,2730	0,3984	25,61	73,39	128,17	106,78
0,8U	120’	22,969	0,0718	0,2448	9,55	50,00U	95,75	39,83

hep61−6a $L_{aj}=3$, $L_r=300$, Lajdr=0,01, Lajdren=0,23, 0’ <= φ <= 120’