

(19)
(12)

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(B1)

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(11)
(24)

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2004 03 29

(21) 10-2001-0048234
(22) 2001 08 10

(65)
(43)

10-2003-0013944
2003 02 15

(73) ()
1 184

(72) 6 101 1003

(74)

:

(54)

가 170% 250%

$$1.0 \leq \frac{T_{c-position} \times T_{p-position}}{T_{c-center} \times T_{p-center}} \leq 1.2$$

T_{p-position} 가 T_{c-position} , T_{p-center} , T_{c-center} 가 가 ,

5

1
2

3
 4
 5
 6

 1 : 2 : 3 : 4 :
 7 : 8 : 12 :

(6) (11) , (1) , (6) R, G, B (4) (6)
 (5) , (2) , (6)
 (3) , 가 (8) ,
 (7) , (9) ,
 (12) (Magnet)(10)가
 (視感)

(??)가 170%

가

가

가

2

가

3

가

가

가

가 170% 250%

$$1.0 \leq \frac{T_{c-position} \times T_{p-position}}{T_{c-center} \times T_{p-center}} \leq 1.2$$

$T_{p-position}$, $T_{c-position}$, $T_{p-center}$, $T_{c-center}$

(??)가 170% ~ 250% 가 , 가

(T_p) (T_c)

가 , 가 , 가 가 1.0~1.2

$$1.0 \leq \frac{T_{c-position} \times T_{p-position}}{T_{c-center} \times T_{p-center}} \leq 1.2$$

T_{c-position} , T_{c-center} , T_{p-position} , T_{p-center} , (T_{c-center} × T_{p-center}) , (T_{c-position} × T_{p-position}) 가 20%

가 가 가 가

5 가

4 가

$$\frac{T_{c-position} \times T_{p-position}}{T_{c-center} \times T_{p-center}} \doteq 1.0$$

$$T_{c-position} = \frac{T_{c-center} \times T_{p-center}}{(1-R)^2 \times e^{(-kt)}}$$

k , R , t , R

가 6

32 "

1

[1]
[: μm]

Y X	0	64	128	192	256	320
0	105	100	100	100	105	110
44	102	100	100	100	105	110
88	99	98	100	100	105	110
132	95	96	97	100	105	110
176	92	93	95	100	105	110

2~ 5 (66%) 가

[2]
[: %]

Y X	0	64	128	192	256	320
0	52.2	51.9	51.2	50.0	48.4	46.4
44	51.9	51.7	51.0	49.8	48.2	46.2

88	51.2	51.0	50.3	49.2	47.7	45.8
132	79.9	49.7	49.1	48.1	46.7	45.0
176	48.2	48.0	47.5	46.6	45.3	43.8

[3]

[: FL]

Y X	0	64	128	192	256	320
0	45.2	41.9	39.1	34.9	30.9	25.5
44	43.7	41.7	38.9	34.7	30.7	25.4
88	41.9	40.4	38.5	34.3	30.3	24.9
132	39.4	38.8	36.6	33.6	29.6	24.2
176	37.2	36.6	34.8	32.5	28.5	23.3

[4]

[: %]

Y X	0	64	128	192	256	320
0	100	93	87	77	68	57
44	97	92	86	77	68	56
88	93	89	85	76	67	55
132	87	86	81	74	65	54
176	82	81	77	72	63	52

[5]

[: mm]

Y X	0	64	128	192	256	320
0	-	3.7	0.9	1.1	0.6	0.6
44	-	3.6	0.9	1.1	0.7	0.7
88	-	3.6	0.8	1.1	0.7	0.7
132	-	3.5	1.0	1.2	0.8	0.7
176	-	3.8	1.2	1.2	0.8	0.7

6~ 9

[6]

[: %]

Y X	0	64	128	192	256	320
0	52.2	52.4	53.2	54.4	56.2	58.7
44	52.4	52.7	53.4	54.7	56.4	58.9
88	53.2	53.4	54.2	55.4	57.1	59.5
132	54.6	54.8	55.4	56.6	58.3	60.6
176	56.5	56.7	57.3	58.4	60.1	62.2

[7]
[: FL]

Y X	0	64	128	192	256	320
0	45.2	42.3	40.6	37.9	35.9	32.3
44	44.1	42.5	40.8	38.1	35.9	32.3
88	43.6	42.4	41.4	38.6	36.3	32.4
132	43.1	42.7	41.3	39.4	36.9	32.6
176	43.6	43.2	42.0	40.7	37.8	33.2

[8]
[: %]

Y X	0	64	128	192	256	320
0	100	94	90	84	79	72
44	98	94	90	84	80	72
88	96	94	92	85	80	72
132	95	95	91	87	82	72
176	97	96	93	90	84	74

[9]
[: mm]

Y X	0	64	128	192	256	320
0	-	3.7	0.9	1.1	0.6	0.6
44	-	3.6	0.9	1.1	0.7	0.7
88	-	3.6	0.8	1.1	0.7	0.7
132	-	3.5	1.0	1.2	0.8	0.7
176	-	3.8	1.2	1.2	0.8	0.7

10 2~ 9

52% 72% 가

[10]

	92~110μm	92~110μm
	43.8~52.2%	52.2~62.2%
	45.2 FL	45.2 FL
	52%	72%
	0.6mm	0.6mm

11~ 14

[11]
[: μm]

Y X	0	64	128	192	256	320
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0	105	99	96	92	90	87
44	101	98	95	91	90	86
88	95	94	93	89	88	85
132	87	87	86	85	84	82
176	79	79	79	80	79	77

[12]
[: FL]

Y X	0	64	128	192	256	320
0	45.2	41.8	39.0	34.9	30.8	25.6
44	43.7	41.7	38.8	34.7	30.8	25.3
88	41.8	40.4	38.5	34.4	30.4	25.0
132	39.5	38.7	36.6	33.5	29.5	24.3
176	37.2	36.7	34.9	32.6	28.4	23.3

[13]
[: %]

Y X	0	64	128	192	256	320
0	100	93	86	77	68	57
44	97	92	86	77	68	56
88	93	89	85	76	67	55
132	87	86	81	74	65	54
176	82	81	77	72	63	52

[14]
[: mm]

Y X	0	64	128	192	256	320
0	-	3.8	1.1	1.3	1.0	1.0
44	-	3.8	1.2	1.4	1.0	1.0
88	-	4.1	1.2	1.5	1.1	1.1
132	-	4.5	1.5	1.7	1.2	1.1
176	-	5.4	2.1	1.8	1.4	1.2

가
가

15

[15]

	92~110 μ m	92~110 μ m	77~105 μ m
	43.8~52.2%	52.2~62.2%	52.2~62.2%
	45.2 FL	45.2 FL	45.2 FL

	52%	72%	52%
	0.6mm	0.6mm	1.0mm

가

가

가가

가

(57)

1.

가 , /
 가 170% , 250% ,

$$1.0 \leq \frac{T_{c-position} \times T_{p-position}}{T_{c-center} \times T_{p-center}} \leq 1.2$$

$T_{p-position}$, $T_{c-position}$, $T_{c-center}$, $T_{p-center}$

2.

1 ,

$$\frac{T_{c-position} \times T_{p-position}}{T_{c-center} \times T_{p-center}} \cong 1.0$$

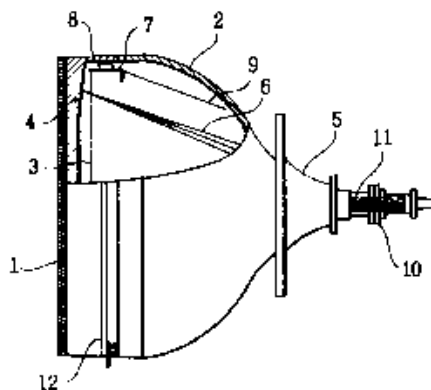
3.

2 ,

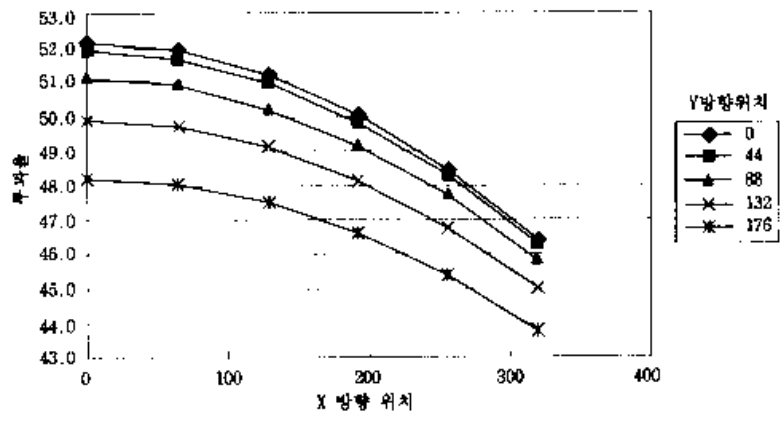
$$T_{c-position} = \frac{T_{c-center} \times T_{p-center}}{(1-R)^2 \times e^{(-kt)}}$$

R , k , t

1



2



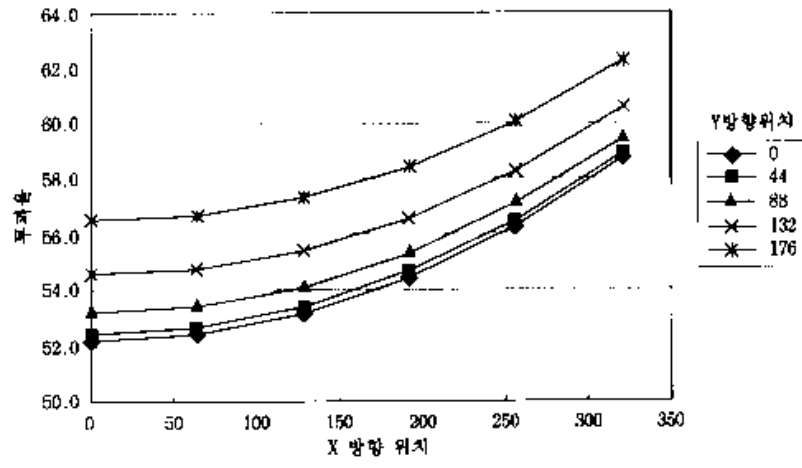
3



4



5



6

