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(74)
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(54)

% 3 40

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1

2

$(M_{0.9996} \text{ } ^{0.998} \text{ } Eu_{0.0006} \text{ } ^{0.002} \text{ })Al_2O_4 (M_{0.9996} \text{ } ^{0.998} \text{ } Eu_{0.0006} \text{ } ^{0.002} \text{ })$
 $(Sr, (Ca), (Mg) (Ba) (Sm), (Gd), (Tb), (Dy), (Ho), (Ce), (Er), (Tm), (Yb), (Y), (Lu), Mn (Bi))$
 $0.001 \text{ } 0.5, n \text{ } 1 \text{ } 9$
 $3 \text{ } 40 \text{ } \%$

$, M$
 $, Q$
 $3 \text{ } 40 \text{ } \%$
 $가$
 $, 40 \text{ } \%$
 $3 \text{ } 40 \text{ } \%$
 $가$
 $, 3 \text{ } \%$
 $가$

$485 \text{ } 495nm$
 $515 \text{ } 525nm$
 $, 560 \text{ } 680nm$
 $442nm \text{ } 454nm$
 $3 \text{ } \%:97 \text{ } \% \text{ } 40 \text{ } \%:60 \text{ } \%$

$3/1 \text{ } 1/4$
 $가 3/1$
 $1/4$
 $가$
 $, 30 \text{ } 180$
 $, 1 \text{ } 48$
 $가$
 $가$
 $, 100$
 0.1

$(Nylon),$
 $1 \text{ } 15$
 $0.002 \text{ })O \cdot n(Al_{1-b-a} B_b Q_a)_2 O_3 ($
 $, Q$
 $, Mn$
 $008, b \text{ } 0.001 \text{ } 0.5, n \text{ } 1 \text{ } 9$
 $: = 3 \text{ } \% : 97 \text{ } \% \text{ } 40 \text{ } \% : 60 \text{ } \%$
 $(PMMA),$
 $(M_{0.9996} \text{ } ^{0.998} \text{ } Eu_{0.0006} \text{ } ^{0.002} \text{ })Al_2 O_4 (M_{0.9996} \text{ } ^{0.998} \text{ } Eu_{0.0006} \text{ } ^{0.002} \text{ })$
 $, M$
 $, 가$
 $, a \text{ } 0.0001 \text{ } 0.$
 $(side feeding)$

$3/1 \text{ } 1/4$
 $1 \text{ } 48$
 $(60 \text{ } 110)$
 $30 \text{ } 180$
 $(denier)$

1

$O_4 (Sr_{0.998} Eu_{0.001})O \cdot 2(Al_{0.45} B_{0.3} Q_{0.008})_2 O_3$, 94 % $(Sr_{0.998} Eu_{0.001})Al_2$
 0.5 % (: 1 215 , 2 225 , 3 235)
 2/1 , (110) 70
 가 48 ,
 () , 1 .

1

[1]

		()
()	450nm	450nm
()	525nm	530nm
()	4450	290
¹⁾ ()	300mcd/m ²	25mcd/m ²
²⁾ ()	36	3
	190	
	7.5	

* 1): D₆₅ 200lux, 5 , 20

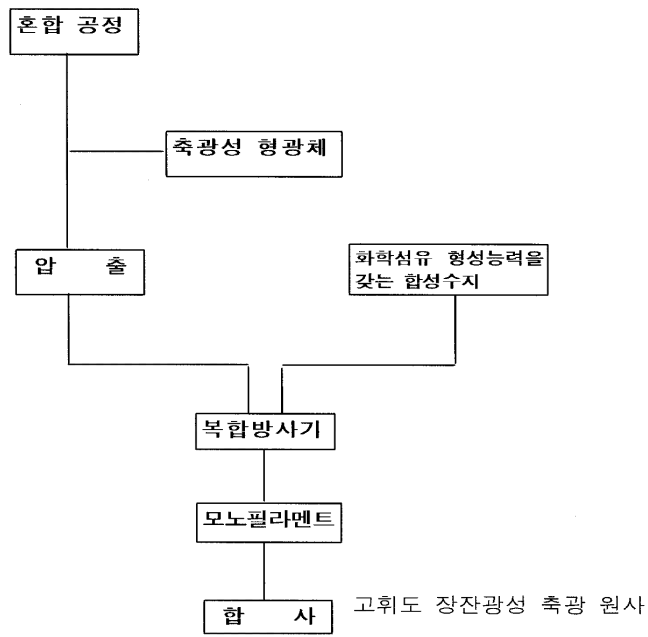
2): 0.3mcd/m² (가)

2

$O_4 (Sr_{0.998} Eu_{0.001})O \cdot 2(Al_{0.45} B_{0.3} Q_{0.008})_2 O_3$, 94 % $(Sr_{0.998} Eu_{0.001})Al_2$
 0.5 % (: 1 215 , 2 225 , 3 235)
 2/1 , (110) 120
 24 ,
 () , 2 .

2

1



2

