

**S_o, M_o, L_o data
Cone sensitivities**

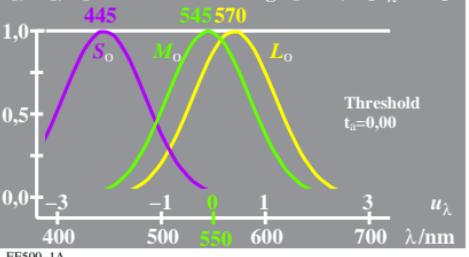
$$u_{\lambda} = (\lambda - 550) / 50$$

$$\log S_o = -0,35 [u_{\lambda} - u_{445}]^2$$

$$\log M_o = -0,35 [u_{\lambda} - u_{535}]^2$$

$$\log L_o = -0,35 [u_{\lambda} - u_{570}]^2$$

S_o, M_o, L_o



B_{la}, B_{lo} data

$$B_{la} = (T_o + G_o) / 2$$

$$B_{lo} = B_{la} / 0,44$$

$$B_{lo} = B_{la} \cdot T_o \cdot B_o \cdot G_o$$

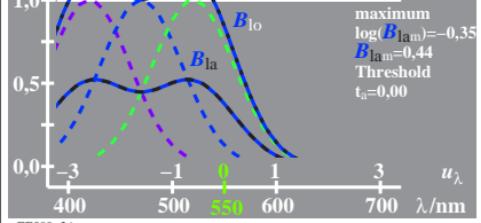
$$u_{\lambda} = (\lambda - 550) / 50$$

$$\log T_o = -0,35 [u_{\lambda} - u_{420}]^2$$

$$\log B_o = -0,35 [u_{\lambda} - u_{470}]^2$$

$$\log G_o = -0,35 [u_{\lambda} - u_{535}]^2$$

Adaptation: $\lambda_{T_o} = 470$



G_{la}, G_{lo} data

$$G_{la} = (B_o + L_o) / 2$$

$$G_{lo} = G_{la} / 0,44$$

$$G_{lo} = G_o \cdot G_{la} \cdot B_o \cdot L_o$$

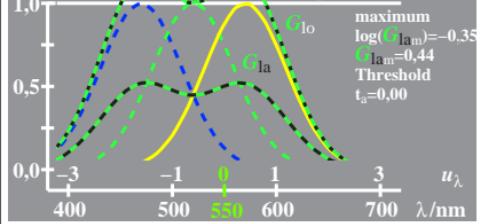
$$u_{\lambda} = (\lambda - 550) / 50$$

$$\log B_o = -0,35 [u_{\lambda} - u_{470}]^2$$

$$\log G_o = -0,35 [u_{\lambda} - u_{535}]^2$$

$$\log L_o = -0,35 [u_{\lambda} - u_{570}]^2$$

Adaptation: $\lambda_{BL} = 520$



L_{la}, L_{lo} data

$$L_{la} = (G_o + R_o) / 2$$

$$L_{lo} = L_{la} / 0,44$$

$$L_{lo} = L_{la} \cdot G_o \cdot L_o \cdot R_o$$

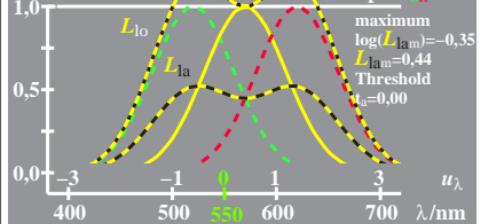
$$u_{\lambda} = (\lambda - 550) / 50$$

$$\log G_o = -0,35 [u_{\lambda} - u_{535}]^2$$

$$\log L_o = -0,35 [u_{\lambda} - u_{570}]^2$$

$$\log R_o = -0,35 [u_{\lambda} - u_{620}]^2$$

Adap.: $\lambda_{GR} = 570$



EE500-7N

T_o, B_o, G_o, L_o, R_o data

$$u_{\lambda} = (\lambda - 550) / 50$$

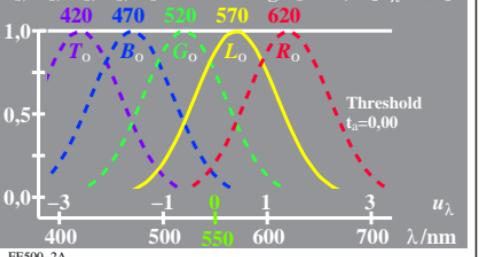
$$\log T_o = -0,35 [u_{\lambda} - u_{420}]^2$$

$$\log B_o = -0,35 [u_{\lambda} - u_{470}]^2$$

$$\log G_o = -0,35 [u_{\lambda} - u_{535}]^2$$

$$\log L_o = -0,35 [u_{\lambda} - u_{570}]^2$$

$$\log R_o = -0,35 [u_{\lambda} - u_{620}]^2$$



B_{la}, B_{lo}, B_{le}, Y_{le} data

$$B_{la} = (T_o + G_o) / 2$$

$$B_{lo} = B_{la} / 0,44$$

$$B_{le} = B_{lo} - B_{la}$$

$$Y_{le} = B_{lo} - B_o$$

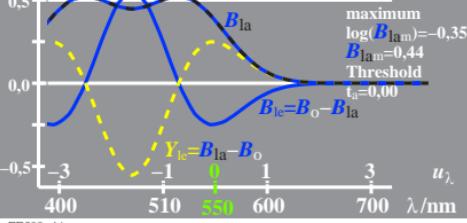
$$u_{\lambda} = (\lambda - 550) / 50$$

$$\log T_o = -0,35 [u_{\lambda} - u_{420}]^2$$

$$\log B_o = -0,35 [u_{\lambda} - u_{470}]^2$$

$$\log G_o = -0,35 [u_{\lambda} - u_{535}]^2$$

Adaptation: $\lambda_{T_o} = 470$



G_{la}, G_{lo}, G_{le}, R_{le} data

$$G_{la} = (B_o + L_o) / 2$$

$$G_{lo} = G_{la} / 0,44$$

$$G_{le} = G_o - G_{la}$$

$$R_{le} = G_{la} - G_o$$

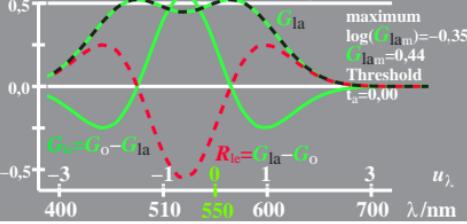
$$u_{\lambda} = (\lambda - 550) / 50$$

$$\log B_o = -0,35 [u_{\lambda} - u_{470}]^2$$

$$\log G_o = -0,35 [u_{\lambda} - u_{535}]^2$$

$$\log L_o = -0,35 [u_{\lambda} - u_{570}]^2$$

Adaptation: $\lambda_{B_o} = 520$



L_{la}, L_{lo}, Y_{le}, B_{le} data

$$L_{la} = (G_o + R_o) / 2$$

$$L_{lo} = L_{la} / 0,44$$

$$Y_{le} = L_{lo} - L_{la}$$

$$B_{le} = L_{la} - L_o$$

$$u_{\lambda} = (\lambda - 550) / 50$$

$$\log G_o = -0,35 [u_{\lambda} - u_{535}]^2$$

$$\log L_o = -0,35 [u_{\lambda} - u_{570}]^2$$

$$\log R_o = -0,35 [u_{\lambda} - u_{620}]^2$$

Adap.: $\lambda_{GR} = 570$

