LucidShape Thermic Hot Spot Analysis for High Beam Headlamps

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Author

Steffen Ragnow

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Abstract

® softwareGenerally, heat ow inside a headlamp cavity is in uenced by three sour

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Hot Spot Analysis in Practice

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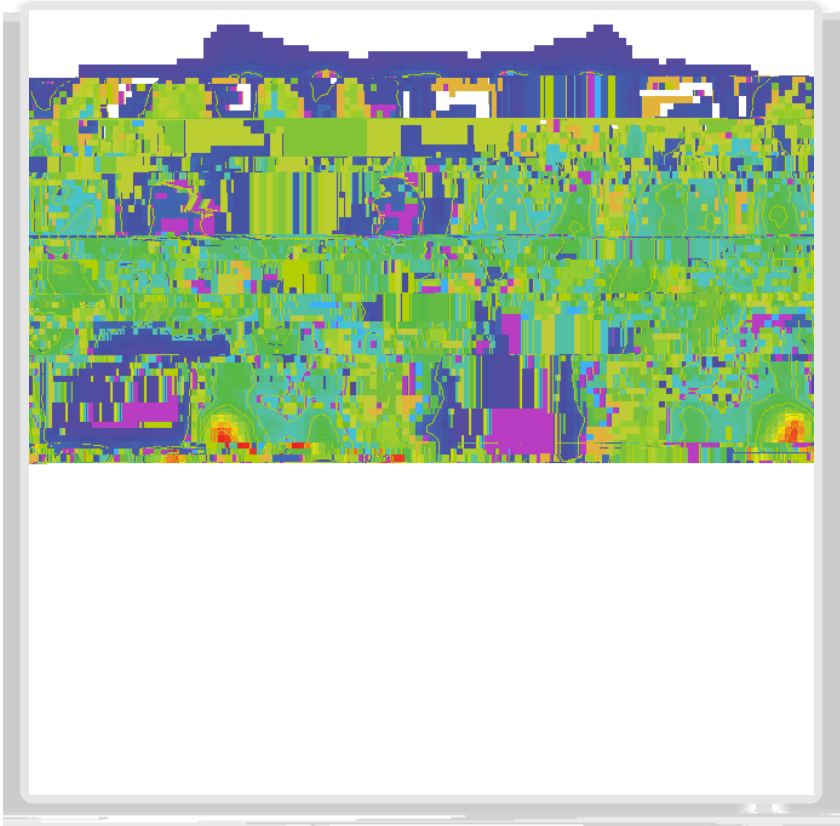

Figure 3. Lux distribution at 80 mm in front of high beam reflector. Hot spots reside in the red regions.

A (F 4).

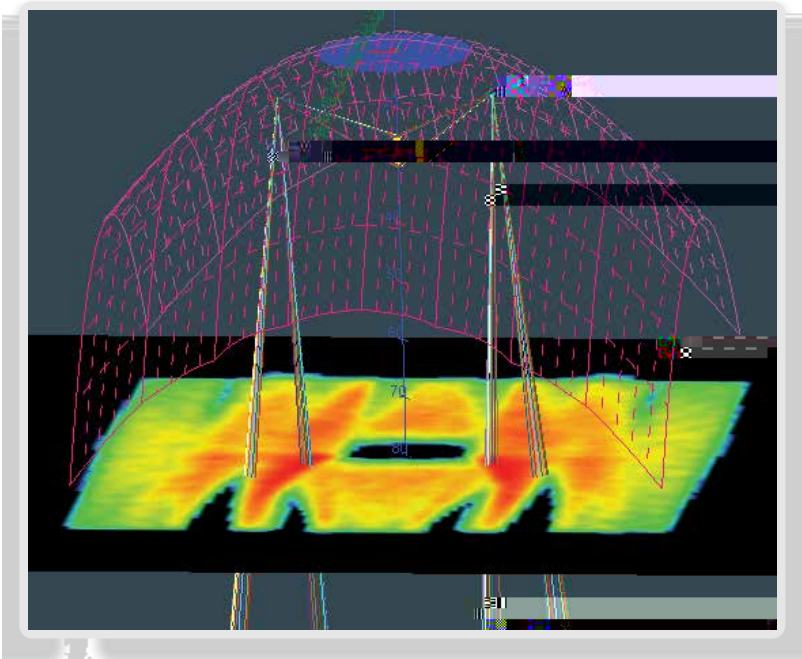

Figure 4. High Beam reflector with illuminated lux sensor (here in log scale) and interactive rays

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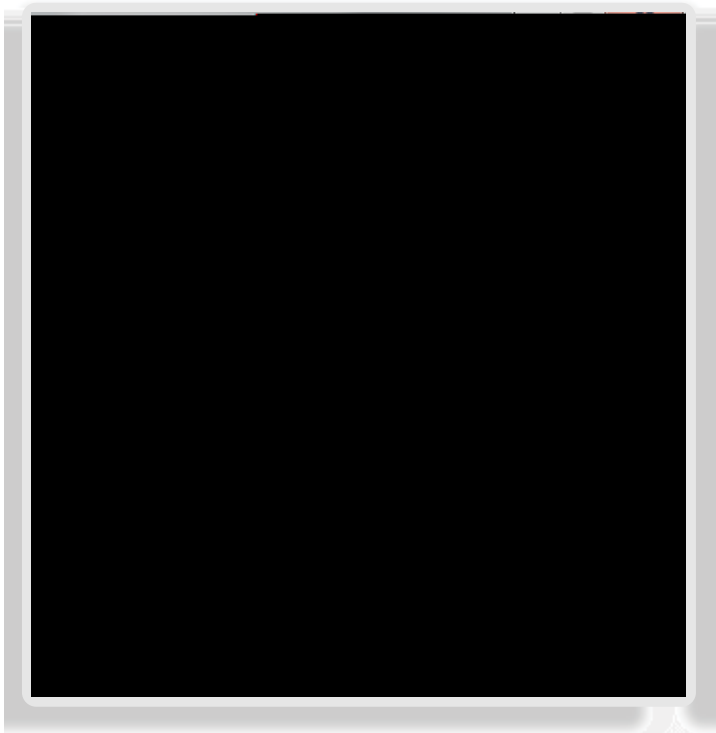

Figure 5. A critical surfaces construction dialog box

A -3,3 -9,9 . R - (85, 25)

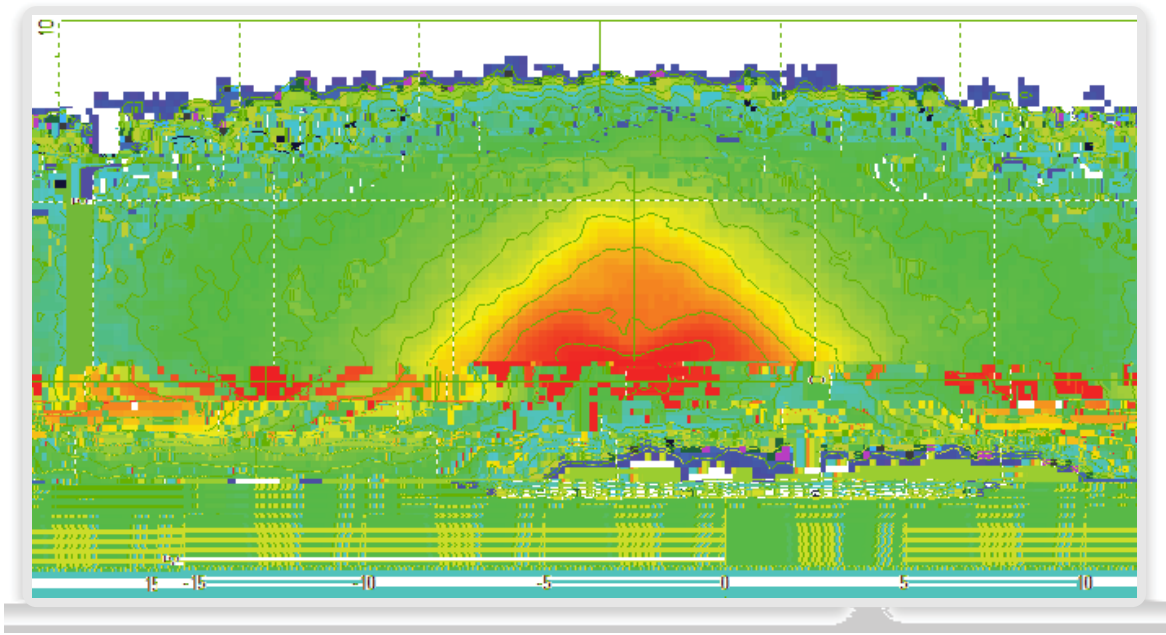

Figure 6. Candela distribution of de-focused high beam reflector

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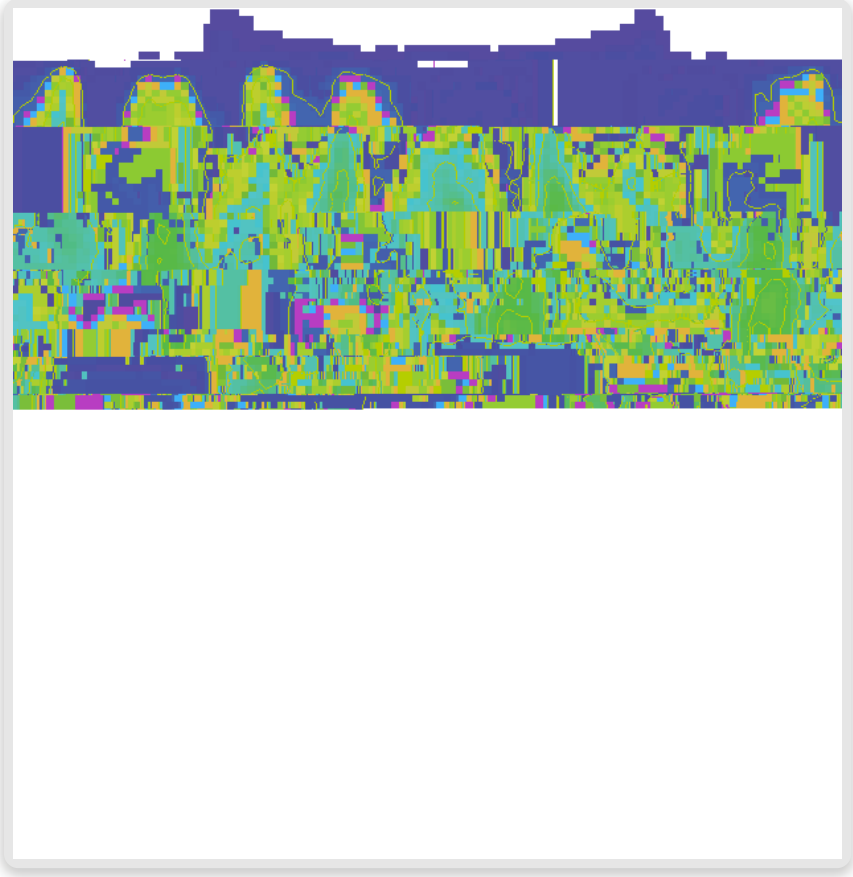

F 7. L 80

Conclusion

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