



UL Verification Services Inc.
7036 Snowdrift Road
Allentown, PA 18106
610-774-1300



Luminaire Description: Black aluminum housing, specular aluminum reflector, clear plastic lens
Catalog Number: Flashlight D
Lamp: 1 white LED
Mounting: Flashlight
Ballast/Driver: One 18650 battery

Luminaire



Summary of Results

Radiant Flux: 572.0 mW
Luminous Flux: 166.4 Lumens

CCT: 7779 K
CRI (Ra): 79.0
Chromaticity (x): 0.2986
Chromaticity (y): 0.3029
Chromaticity (u): 0.1978
Chromaticity (v): 0.3010
Duv: -0.0030

Test Conditions

Test Temperature: 24.9 °C

Testing was performed in a 1-meter integrating sphere using the 4 π geometry method.

Absorption correction was employed for this measurement.



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Luminaire Description: Black aluminum housing, telescoping lens, clear plastic optic
Catalog Number: Flashlight C
Lamp: 1 white LED
Mounting: Flashlight
Ballast/Driver: One 18650 battery

Luminaire



Summary of Results

Radiant Flux: 1001 mW
Luminous Flux: 281.6 Lumens

CCT: 9211 K
CRI (Ra): 76.6
Chromaticity (x): 0.2900
Chromaticity (y): 0.2837
Chromaticity (u): 0.1991
Chromaticity (v): 0.2922
Duv: -0.0084

Test Conditions

Test Temperature: 24.2 °C

Testing was performed in a 1-meter integrating sphere using the 4 π geometry method.

Absorption correction was employed for this measurement.



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Luminaire Description: Black aluminum housing, telescoping lens, clear plastic optic
Catalog Number: Flashlight E
Lamp: 1 white LED
Mounting: Flashlight
Ballast/Driver: One 18650 battery

Luminaire



Summary of Results

Radiant Flux: 1447 mW
Luminous Flux: 412.3 Lumens

CCT: 8273 K
CRI (Ra): 72.8
Chromaticity (x): 0.2964
Chromaticity (y): 0.2914
Chromaticity (u): 0.2008
Chromaticity (v): 0.2961
Duv: -0.0083

Test Conditions

Test Temperature: 25.0 °C

Testing was performed in a 1-meter integrating sphere using the 4 π geometry method.

Absorption correction was employed for this measurement.



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Luminaire Description: Black aluminum housing, telescoping lens, clear plastic optic
Catalog Number: Flashlight G
Lamp: 1 white LED
Mounting: Flashlight
Ballast/Driver: One 18650 battery

Luminaire



Summary of Results

Radiant Flux: 1200 mW
Luminous Flux: 331.3 Lumens

CCT: 10794 K
CRI (Ra): 78.4
Chromaticity (x): 0.2820
Chromaticity (y): 0.2741
Chromaticity (u): 0.1971
Chromaticity (v): 0.2873
Duv: -0.0087

Test Conditions

Test Temperature: 24.3 °C

Testing was performed in a 1-meter integrating sphere using the 4 π geometry method.

Absorption correction was employed for this measurement.



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Luminaire Description: Black aluminum housing, telescoping lens, clear plastic optic
Catalog Number: Flashlight F
Lamp: 1 white LED
Mounting: Flashlight
Ballast/Driver: One 18650 battery

Luminaire



Summary of Results

Radiant Flux: 1069 mW
Luminous Flux: 319.6 Lumens

CCT: 7007 K
CRI (Ra): 71.9
Chromaticity (x): 0.3071
Chromaticity (y): 0.3119
Chromaticity (u): 0.2005
Chromaticity (v): 0.3054
Duv: -0.0033

Test Conditions

Test Temperature: 24.3 °C

Testing was performed in a 1-meter integrating sphere using the 4 π geometry method.

Absorption correction was employed for this measurement.