

Off-road light test records

Selected measurements for report models 45C04, BF4-9 and BF3-A6. Each row retains its own test date and electrical readings.

Use the listed report conditions when discussing samples. Active lighting mode and tested lamp count are not separately labelled in these reports; confirm the current SKU and supply configuration with DXZ.

Integrating-sphere measurements

Report model	Test date	Supply (V)	Current (A)	Power (W)	Luminous flux (lm)	Efficacy (lm/W)	CCT (K)
45C04	2026-04-23	13.199	3.085	40.72	3,047	74.83	6201
BF4-9	2026-03-10	13.099	3.675	48.15	2,875	59.72	6185
BF3-A6	2026-03-10	13.099	1.453	19.03	1,428	75.02	6543

Report conditions: 25.3 deg C, 65% RH. Values are transcribed from the optical, electrical and ambient fields on page 1 of each report.

GO-HD photometric measurements

Report model	Test date	Supply (V)	Current (A)	Power (W)	Maximum intensity (cd)	Road-plane peak (lx)	Plot window (m x m)
45C04	2026-05-05	13.198	2.48	32.69	90,887.52	170.9	350 x 50
BF4-9	2026-05-27	13.198	3.60	47.58	143,601.83	230.6	520 x 40
BF3-A6	2026-05-27	13.198	1.47	19.44	13,289.78	99.75	200 x 40

EVERFINE GO-HD; 25 deg C, 65% RH; mounting height 1.0 m. The plot window is the displayed road-plane area. The reports separately label a 25.000 m screen distance and a 10.000 m test distance.

Recorded angular scan: vertical -10 to 5 deg, horizontal -30 to 30 deg, 5 deg steps. Road-plane contours: 15, 5 and 1 lx. Compare each result using its stated test setup.

Sources: DXZ integrating-sphere reports, page 1 (45C04: 2026-04-23; BF4-9 and BF3-A6: 2026-03-10). DXZ GO-HD reports, pages 1-4 (45C04: 2026-05-05; BF4-9 and BF3-A6: 2026-05-27). Sphere and GO-HD entries are separate tests.