

ABSORPTION CORRECTION LAMPS

40, 50 and 100 W auxiliary lamps for integrating sphere photometry absorption correction

AUX-100 ABSORPTION CORRECTION LAMP



IMPROVE MEASUREMENT RESULTS

With integrating sphere photometry comes errors from self-absorption. Industry standards and Labsphere recommend applying absorption correction techniques for situations where the physical configuration and characteristics of the lamp or LED under test differ from the reference lamp. Self-absorption correction is critical, since the physical size and shape of SSL products and lamps under test are typically very different from the reference lamp size and shape. The use of an absorption correction lamp can correct for self absorption errors. With this in mind, Labsphere has developed the AUX-35 and 100 absorption correction lamps. These lamps assemblies are available to use for more demanding measurements results where self-absorption correction is required.

FEATURES:

Mounts onto a Labsphere 1-inch port frame and auxiliary lamp port on Labsphere's light measurement spheres, no modifications required

AUX-35, 50 and -100 operate at 3.07, 4.17 and 8.33 amps respectively and are compatible with Labsphere's current-regulated lamp power supplies

Compatible with Labsphere's light measurement software which identifies and reduces errors caused by self-absorption



AUX-35 ABSORPTION CORRECTION LAMP INSIDE A 76-INCH SPHERE

SPECIFICATIONS

Model Number	Order Number	Power (W)	Current (A)	Voltage (V)	CCT (K)	Rated Life (hrs)
AUX-100	AS-02737-000	100	8.33	12	3000	2000
AUX-50	AS-02737-050	50	4.17	12	3000	2000
AUX-35	AS-02639-000	40	3.07	13.3	3000	600
AUX-100 Replacement Bulb	OC-03161-000					
Aux-35 Replacement Bulb	OC-03150-000					