

***.cpp**

***.cu**

***.o or *.obj**

libmerlinshared

```
graph TD; A["*.cpp"] --> C["*.o or *.obj"]; B["*.cu"] --> C; C --> D["libmerlinshared"];
```

The diagram illustrates the compilation process. At the top, two light blue boxes labeled ***.cpp** and ***.cu** have arrows pointing down to a central light blue box labeled ***.o or *.obj**. From this central box, a thick blue arrow points down to a dark blue box at the bottom labeled **libmerlinshared**.