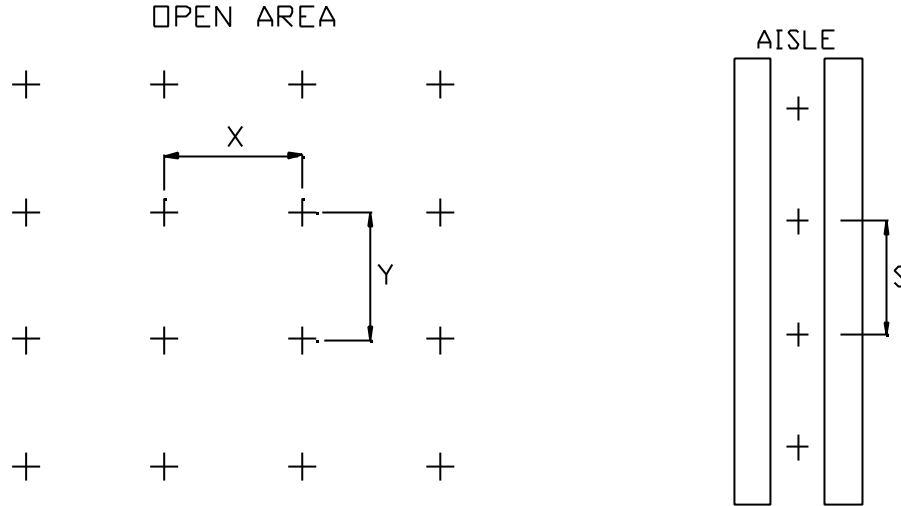


## Holophane Internal Lighting Application Guide

### Prismpack



| <b>Holophane Internal Lighting Application Guide</b> |             |                    |                  |                        |              |              |             |                   |
|--|-------------|--------------------|------------------|------------------------|--------------|--------------|-------------|-------------------|
| <b>Selection Data</b>                                |             |                    |                  | <b>Design Solution</b> |              |              |             |                   |
|  | <b>Area</b> | <b>E Ave (lux)</b> | <b>Height(m)</b> | <b>Lamp Type</b>       | <b>X (m)</b> | <b>Y (m)</b> | <b>S(m)</b> | <b>Cat No</b>     |
| <b>High Output Metal Halide</b>                      | Aisle       | 300                | 12               | 400w HDPSP             |              |              | 9.1         | DPPB400HDPSP.8640 |
|  | Aisle       | 300                | 9                | 400w HDPSP             |              |              | 10.0        | DPPB400HDPSP.8740 |
|  | Aisle       | 300                | 6                | 400w HDPSP             |              |              | 10.0        | DPPB400HDPSP.8939 |
|  | Aisle       | 500                | 12               | 400w HDPSP             |              |              | 5.6         | DPPB400HDPSP.8640 |
|  | Aisle       | 500                | 9                | 400w HDPSP             |              |              | 7.1         | DPPB400HDPSP.8640 |
|  | Aisle       | 500                | 6                | 400w HDPSP             |              |              | 7.7         | DPPB400HDPSP.8839 |
|  | Open        | 300                | 12               | 400w HDPSP             | 10.0         | 10.0         |             | DPPB400HDPSP.8640 |
|  | Open        | 300                | 9                | 400w HDPSP             | 10.5         | 10.5         |             | DPPB400HDPSP.8740 |
|  | Open        | 300                | 6                | 400w HDPSP             | 10.5         | 10.5         |             | DPPB400HDPSP.8939 |
|  | Open        | 500                | 12               | 400w HDPSP             | 8.0          | 8.0          |             | DPPB400HDPSP.8640 |
|  | Open        | 500                | 9                | 400w HDPSP             | 8.0          | 8.0          |             | DPPB400HDPSP.8640 |
|  | Open        | 500                | 6                | 400w HDPSP             | 8.0          | 8.0          |             | DPPB400HDPSP.8839 |
| <b>High Pressure Sodium</b>                          | Aisle       | 300                | 12               | 400w HPS               |              |              | 9.0         | DPPB400ST.1840    |
|  | Aisle       | 300                | 9                | 400w HPS               |              |              | 11.0        | DPPB400ST.1840    |
|  | Aisle       | 300                | 6                | 400w HPS               |              |              | 11.0        | DPPB400ST.1631    |
|  | Aisle       | 500                | 12               | 400w HPS               |              |              | 5.3         | DPPB400ST.1840    |
|  | Aisle       | 500                | 9                | 400w HPS               |              |              | 7.1         | DPPB400ST.1840    |
|  | Aisle       | 500                | 6                | 400w HPS               |              |              | 8.3         | DPPB400ST.1731    |
|  | Open        | 300                | 12               | 400w HPS               | 11.1         | 11.1         |             | DPPB400ST.1840    |
|  | Open        | 300                | 9                | 400w HPS               | 10.5         | 10.5         |             | DPPB400ST.1731    |
|  | Open        | 300                | 6                | 400w HPS               | 11.0         | 11.0         |             | DPPB400ST.1631    |
|  | Open        | 500                | 12               | 400w HPS               | 8.7          | 8.7          |             | DPPB400ST.1840    |
|  | Open        | 500                | 9                | 400w HPS               | 9.1          | 9.1          |             | DPPB400ST.1840    |
|  | Open        | 500                | 6                | 400w HPS               | 8.3          | 8.3          |             | DPPB400ST.1631    |

**Design Constants**

|                          |          |             |       |
|--------------------------|----------|-------------|-------|
| Reflectance              | 70:30:20 | Work plane  | 0.75m |
| Design at 2000 hour burn |          | Aisle width | 2.5m  |