






































► Z3.1 - Environmental Specifications

|                         |   |
|-------------------------|---|
| Max. Operating Humidity | 85% non-condensing  |
| Operating Temperature   | 0 - 40°C  |
| Storage Temperature     | 0 - 60°C  |
| Housing material        | Anodized aluminium  |
| Standards               |    |





► Z3.2 - Modifiers legend

| icon  | Description                                       | Code     |
|---|---|----------|
|    | Narrow angle of emission                          | /AN      |
|    | Medium angle of emission (default)                | /AM      |
|    | Wide angle of emission                            | /AW      |
|    | Oval angle of emission = 23-24° (x)<br>17-18° (y) | /AO      |
|    | Diffuse emission                                  | /AD      |
|    | Polarizer filter                                  | /FPL     |
|    | Diffuser filter                                   | /FDR     |
|   | Backlight hole of 42mm                            | /H       |
|  | Backlight hole of 65mm                            | /H1      |
|  | Dome hole of 46mm                                 | /CC1     |
|  | Dome hole of 40mm                                 | /CC2     |
|  | IP Rating = IPxx = Ip65 / IP67                    | /65 / 67 |
|  | PNP input model                                   | /P       |
|  | 50mm focal Length                                 | /F1      |
|  | 150mm focal Length                                | /F2      |
|  | Infinite focal Length                             | /F3      |
|  | Lighting by sectors = 2 or 4 sectors              | /2S / 4S |




► Z3.3 - Accessories legend

| icon  | Description                  | Serie                |
|---|------------------------------|----------------------|
|  | Power cable/s                | VCB, VCC, VCD Series |
|  | Other cable/s                | VCU, VCL             |
|  | Strobe and RGB controller/s  | VST, VSC Series      |
|  | Polarizer filter             | VPF, VPC             |
|  | Diffuser filter              | VDF                  |
|  | Collimater filter on x axis  | VCFx                 |
|  | Collimater filter on y axis  | VCFy                 |
|  | Collimater filter on xy axis | VCFxy                |
|  | Darkfield converter          | VRF                  |
|  | Protector filter             | VPT                  |
|  | Heat dissipator              | VHD                  |
|  | Fixing bracket               | VBA, VBB, VBC Series |








► Z3.4 - Technical drawings legend

| icon  | Description                 |
|---|-----------------------------|
|  | Optical axis                |
|  | Viewing window dimensions   |
|  | Lighting elements           |
|  | Light emission center       |
|  | Lighting surface dimensions |




► Z3.5 - Colours & Wavelegths legend

| icon   | Wavelength  | Colour | Code      |
|--|-------------|--------|-----------|
|   | 365nm       | UV-    | -365      |
|   | 400nm       | UV     | -400      |
|   | 470nm       | BLUE   | -470      |
|   | 525nm       | GREEN  | -525      |
|   | 630nm       | RED    | -630      |
|   | 850nm/880nm | IR     | -850/-880 |
|   |             | WHITE  | -W00      |
|  |             | RGB    | -RGB      |

► Z3.6 - Types of lighting legend

| icon  | Description   |
|---|---|
|   | Radial lighting                                     |
|  | 'Darkfield' lighting effect. Low angle illumination |
|  | Backlight illumination                              |
|  | 'Cloudy day' lighting effect                        |
|  | 'Bright field' lighting effect                      |
|  | Projector lighting                                  |
|  | Axial lighting                                      |

► Z3.7 - Types of light legend

| icon  | Description         |
|---|---------------------|
|  | Direct light        |
|  | Diffuse light       |
|  | Ultra-diffuse light |