

## **L9I199- COMPONENTS**

|   | PROJECT  |
|---|----------|
|   | ТҮРЕ     |
|   | NOTES    |
|   | QUANTITY |
| _ | DATE     |

## **LEGEND**

| F             |  |          |  |              | anasial LED (upon request) DCD, DCDW tunable   |
|---------------|--|----------|--|--------------|--|
| <u></u>       | floor-mounted  | ¥        | pivotable  | ⊛            | special LED (upon request) RGB, RGBW, tunable,<br>gold+, meat+, art+, fashion+                 |
| 7             | wall and ceiling: recessed and surface mounted               | C        | rotating   | 0            | warm dim / natural dimming LED   |
| $\uparrow$    | ceiling-mounted and wall-mounted                             | Œ        | illuminate tilted  | 0            | rechargeable battery powered   |
| $\rightarrow$ | wall-mounted   | I        | color of suspension cable                                    |              | fixture with natural vivid LED (upon request)  |
| Y             | omni-directional light distribution                          | <b></b>  | length of suspension cable                                   | CRI          | color rendering index  |
| À             | direct light distribution                                    | Δ        | reflector degree selection                                   | <b>℃</b> K   | color temperature  |
| X             | direct/indirect light distribution                           | s s      | super spot   | LM           | lumen (luminous flux)  |
| Y             | indirect light distribution                                  | *        | lens   | ₩ <u></u>    | efficacy (lumens per watt)   |
|               | asymmetric light distribution                                | 8        | lens pack  | UGR          | Unified Glare Rating (UGR) range from 5-40   |
| X             | aura light distribution                                      | 0        | shine ring   | *            | marine grade (AISI 316 stainless steel)  |
| R             | round wall or ceiling cut-out                                | 0        | integrated shine ring with diffuser                          | 30           | walk on  |
| $\Box$        | square wall or ceiling cut-out                               |          | free individual colors 01-29                                 | <b>②</b>     | drive on   |
| £             | the supplied jig specifies the cutout dimensions             | 0        | individual colors: 00 (free of charge), 01-25 (extra charge) | DSC          | Dark Sky Compliance  |
| <b>d</b> •+D  | minimum distance (meters) lamp - object                      | <b>♦</b> | luminaire part to be colored (F1)                            | Ġ            | Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor) |
| $\pm$         | recessed depth   | lack     | luminaire part to be colored (F2)                            |              | lamp protected against explosion   |
| <u></u>       | ceiling thickness in mm                                      |          | luminaire part to be colored (F3)                            | 4            | blown glass using traditional methods by master glass blower                                   |
| 1             | ceiling thickness selection                                  |          | luminaire part to be colored (F4)                            | <b>●</b> ®   | acoustic material  |
|               | dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim)    | •        | luminaire part to be colored (F5)                            |              | protection class I, protection insulation  |
| C.            | included or excluded LED driver/transformer/<br>control gear | •        | color of 3-circuit adaptor                                   |              | protection class II, protection insulation   |
| 8             | separately switchable  | $\odot$  | indirect diffuser  | . <b>.</b>   | ETL Certified to UL and CSA Standards  |
| <b>•</b>      | sensor   | 0        | direct diffuser  | շՄՆ          | UL Certified to UL and CSA Standards   |
|               | remote control   | 1        | ball-proof (upon request)                                    | <b>(II</b> ) | CSA Certified to UL and CSA Standards  |
| 9             | available upon request                                       | 0        | accessory  | <b>(Z</b> )  | Certified for North American Standards   |

## **IP RATING**

| IP20  | protected against ingress of solid bodies greater than 12.5mm (finger)   |  |  |  |  |  |
|-------|--|--|--|--|--|--|
| IP33  | protected against ingress of solid bodies greater than 2.5mm<br>protected against sprays of water up to 60 degrees from the vertical (rain)      |  |  |  |  |  |
| IP40  | protected against ingress of solid bodies greater than 1mm (wire) no protection against the ingress of moisture                                  |  |  |  |  |  |
| IP43  | protected against ingress of solid bodies greater than 1mm (wire)<br>protected against sprays of water up to 60 degrees from the vertical (rain) |  |  |  |  |  |
| [P44] | protected against ingress of solid bodies greater than 1mm (wire) protected against water splashed from all directions                           |  |  |  |  |  |
| IP54  | protected against limited ingress of dust (wet rooms/covered outdoor areas) protected against water splashed from all directions                 |  |  |  |  |  |
| IP65  | protected against ingress of dust protected against jets of water  |  |  |  |  |  |
| IP66  | protected against ingress of dust<br>protected against powerful jets of water or heavy seas  |  |  |  |  |  |
| IP67  | protected against ingress of dust<br>protected against immersion of water between 15cm - 1m for 30 minutes                                       |  |  |  |  |  |
| IP68  | protected against ingress of dust protected against immersion of water under pressure for long periods   |  |  |  |  |  |

## **IK RATING**

|      | above the surface)  |
|------|---|
| IK02 | protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)   |
| IK03 | protected against 0.35 joules impact (equivalent to 0.25kg mass dropped from 140mm above the surface) |
| IK04 | protected against 0.5 joules impact (equivalent to 0.25kg mass dropped from 200mm above the surface)  |
| IK05 | protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)  |
| IK06 | protected against 1 joules impact (equivalent to $0.25 kg$ mass dropped from 400mm above the surface) |
| IK07 | protected against 2 joules impact (equivalent to 0.5kg mass dropped from 400mm above the surface)     |
| IKOB | protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface)     |
| IK09 | protected against 10 joules impact (equivalent to 5.0kg mass dropped from 200mm above the surface)    |
| IK10 | protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface) $$ |

protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm