

| PROJECT   |  |  |
|-----------|--|--|
| TYPE      |  |  |
| SPECIFIER |  |  |
| QUANTITY  |  |  |
| DATE      |  |  |

## **LEGEND**

| T T            |  | _        |  |             | special LED (upon request) RGR_RGRW_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               | ى        | 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                                    | THEO        | fixture with natural vivid LED (upon request)  |
| Y              | omni-directional light distribution                          | 1        | length of suspension cable                                   | CRI         | color rendering index  |
| $\dot{\Delta}$ | direct light distribution                                    |          | reflector degree selection                                   | (K)         | color temperature  |
|                | direct/indirect light distribution                           | s s      | super spot   | LM          | lumen (luminous flux)  |
| M              | indirect light distribution                                  | *        | lens   | ₩)          | efficacy (lumens per watt)   |
|                | asymmetric light distribution                                | 8        | lens pack  | UGR         | Unified Glare Rating (UGR) range from 5-40   |
|                | 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                          | 3           | walk on  |
| $\Box$         | square wall or ceiling cut-out                               |          | free individual colors 01-29                                 | <b>9</b>    | drive on   |
| <b>€</b>       | the supplied jig specifies the cutout dimensions             | Ĉ        | individual colors: 00 (free of charge), 01-25 (extra charge) | DSC         | Dark Sky Compliance  |
| <b>□</b> ←,→   | 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) |
| $\hat{\pm}$    | recessed depth   |          | luminaire part to be colored (F2)                            |             | lamp protected against explosion   |
| 1              | ceiling thickness in mm                                      | •        | luminaire part to be colored (F3)                            |             | blown glass using traditional methods by master glass blower                                   |
| 1              | ceiling thickness selection                                  |          | luminaire part to be colored (F4)                            |             | acoustic material  |
|                | dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim)    | •        | luminaire part to be colored (F5)                            |             | protection class I, protection insulation  |
| - Control      | 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  |             | ETL Certified to UL and CSA Standards  |
| <b>9</b>       | sensor   | 0        | direct diffuser  | c (U) us    | UL Certified to UL and CSA Standards   |
|                | remote control   | 0        | ball-proof (upon request)                                    | <b>(B)</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) protected against sprays of water up to 60 degrees from the vertical (rain) |
| IP44 | 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<br>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**

| 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 0.25kg 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 $5.0 kg$ mass dropped from $400 mm$ above the surface) |

protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm above the surface)