

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

## **LEGEND**

|              | floor-mounted  | ¥        | pivotable   | *            | special LED (upon request) RGB, RGBW, tunable,<br>gold+, meat+, art+, fashion+   |
|--------------|--|----------|---|--------------|--|
| 崇            | wall and ceiling: recessed and surface mounted   | 3        | rotating  | 6            | warm dim / natural dimming LED   |
| <b> </b>     | ceiling-mounted and wall-mounted   | <b>⊗</b> | illuminate tilted   | 0            | rechargeable battery powered   |
|              | wall-mounted   | Ť        | color of suspension cable   |              | fixture with natural vivid LED (upon request)  |
|              | omni-directional light distribution  | <u> </u> | length of suspension cable  | CRI          | color rendering index  |
|              | The second secon | ×        | MASSAC CONTROL N. CO. CONTROL DE |              | The state of the s |
|              | direct light distribution  |          | reflector degree selection  | (°K)         | color temperature  |
|              | direct/indirect light distribution   | s s      | super spot  | (LM)         | lumen (luminous flux)  |
| Y            | indirect light distribution  | *        | lens  | ₩            | efficacy (lumens per watt)   |
|              | asymmetric light distribution  | 8        | lens pack   | UGR          | Unified Glare Rating (UGR) range from 5-40   |
| A            | 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  |
| S            | 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   | Ċ        | 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   |
| <u></u>      | 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)   | <b>●</b> ⑨   | acoustic material  |
|              | dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim)  |          | luminaire part to be colored (F5)   |              | protection class l, protection insulation  |
|              | included or excluded LED driver/transformer/<br>control gear   | •        | color of 3-circuit adaptor  |              | protection class II, protection insulation   |
| ४            | separately switchable  | $\odot$  | indirect diffuser   |              | ETL Certified to UL and CSA Standards  |
| 9            | sensor   | 0        | direct diffuser   | c (ՄL) us    | UL Certified to UL and CSA Standards   |
|              | remote control   | (3)      | 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) |
| 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 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 5.0kg mass dropped from 400mm above the surface) $$ |

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