

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

## **LEGEND**

| <u></u>               | floor-mounted                                                | ¥        | pivotable                                                       | *              | special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+                    |
|-----------------------|--------------------------------------------------------------|----------|-----------------------------------------------------------------|----------------|------------------------------------------------------------------------------------------------|
| 7                     | wall and ceiling: recessed and surface mounted               | S        | rotating                                                        | 0              | warm dim / natural dimming LED                                                                 |
| $\overline{\uparrow}$ | ceiling-mounted and wall-mounted                             | Œ        | illuminate tilted                                               | 0              | rechargeable battery powered                                                                   |
| $\rightarrow$         | wall-mounted                                                 | I        | color of suspension cable                                       | ill<br>THOS    | fixture with natural vivid LED (upon request)                                                  |
| Y                     | omni-directional light distribution                          | ↓        | length of suspension cable                                      | CRI            | color rendering index                                                                          |
| À                     | direct light distribution                                    |          | reflector degree selection                                      | (K)            | color temperature                                                                              |
| X                     | 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                                                     |
| 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                             | 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<br>charge) | DSC            | Dark Sky Compliance                                                                            |
| <b>d</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                                               | lack     | 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> )     | 1900                                                                                           |
|                       | dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim)    |          | luminaire part to be colored (F5)                               |                | protection class I, protection insulation                                                      |
| - Nacco               | 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>(1)</b>   | ETL Certified to UL and CSA Standards                                                          |
| <b>•</b>              | sensor                                                       | O        | direct diffuser                                                 | .(H).          | 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                                                       | $(\mathbf{Z})$ | 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**

| IK01 | protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm 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)     |
| IKO5 | protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)     |
| IKO6 | 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) |