OFFICE SOLUTION GUIDE

PRIVATE OFFICE 10’X12’, 8’-6” CEILING HEIGHT, WITH WINDOW, AND nLIGHT ENABLED LUMINAIRES

DESIGN NOTES:
LIGHTING LEVELS ARE CALCULATED BASED ON LUMINAIRES MOUNTED AT LISTED CEILING HEIGHT AND WORKING SURFACE AT 2’-4” ABOVE FINISHED FLOOR (AFFI).
REFLECTANCES ARE 80/50/20 PER IESNA RP-3-13 TARGET (HARDCOPY & WRITING TASK) 20 FOOT CANDLES.
TOTAL LIGHT LOSS FACTOR(FLF) CF .55 HAS BEEN USED FOR THIS CALCULATION.
THE VISUAL FILE FOR THIS TYPICAL CAN BE FOUND AT:
TO MAKE ADJUSTMENTS FOR ROOM SIZE, CEILING HEIGHT, REFLECTANCE OR WORK SURFACE, USE THE VISUAL INTERIOR TOOL AVAILABLE AT:
https://www.visual-3d.com/tools/interior/

STATISTICS

<table>
<thead>
<tr>
<th>SYMBOL</th>
<th>LABEL</th>
<th>QTY</th>
<th>CATALOG #</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>L1</td>
<td>A</td>
<td>2</td>
<td>LP240 2V12L2 2L</td>
<td>2V2 240W Luminaire, 60K, nLIGHT Enabled Luminaire</td>
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<tr>
<td></td>
<td></td>
<td>1</td>
<td>LP1100 PL</td>
<td>Plug Load Relay Pack</td>
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<td></td>
<td></td>
<td>1</td>
<td>LP9100 DX</td>
<td>On/Off &amp; Raise Lower Wall Station</td>
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<td>1</td>
<td>N9100 PI24 RE</td>
<td>Dual Technology Occupancy Sensor With Automatic Dimming Photosensor</td>
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</tbody>
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SEQUENCE OF OPERATION:

LUMINAIRES
- ALL LUMINAIRES ARE DIMMABLE
- ALL LUMINAIRES ARE CONTROLLED TOGETHER
- MAXIMUM LEVEL CAN BE LIMITED TO 80%

OCCUPANCY
- LUMINAIRES MUST BE TURNED ON MANUALLY (OR OPTIONALLY CAN BE CONFIGURED TO COME ON AUTOMATICALLY TO 50% OR 100%)
- PLUS LOAD TURNS ON AUTOMATICALLY
- LUMINAIRES & PLUS LOAD AUTOMATICALLY TURN OFF WHEN ROOM BECOMES VACANT

DAYLIGHT
- SMOOTH CONTINUOUS DIMMING
- CUSTOM GROUPING OF LUMINAIRES INTO SEPARATE DAYLIGHT ZONES (MAX. NUMBER ZONES = NUMBER OF LUMINAIRES)
- NOT REQUIRED IF TOTAL LUMINARES IS < 120W

MANUAL
- ON/OFF & RAISE & LOWER CONTROL OF LUMINAIRES

*ADDITIONAL OPTIONS:
- SURFACE OR RECESSED MOUNT SENSORS ALSO AVAILABLE
- ROOM CAN BE CONNECTED TO NIGHT BACKBONE TO ENABLE NETWORK CONTROL OR ADR (AUTOMATIC DEMAND RESPONSE)
- FOR EMERGENCY LIGHTING CONTROL ADD A NIP16 ER PACK.

COMPLIES WITH:
- ANSI/IES TM-14-2015
- ASHRAE 90.2-2010

DIAGRAM LEGEND

LUMINAIRE & CONTROL SCHEDULE