

#### **2x4 Recessed Option**

Nine recessed highly efficient volumetric architectural recessed troffers illuminate the classroom in a traditional way. They provide the proper lighting levels in a very efficient and costeffective manner.



### **Linear Recessed Option**

Two 24-foot linear recessed continuous row fixtures create a more minimalistic ceiling environment, while still meeting the desired lighting levels. The satin acrylic lens reduces source luminance and glare within the space.

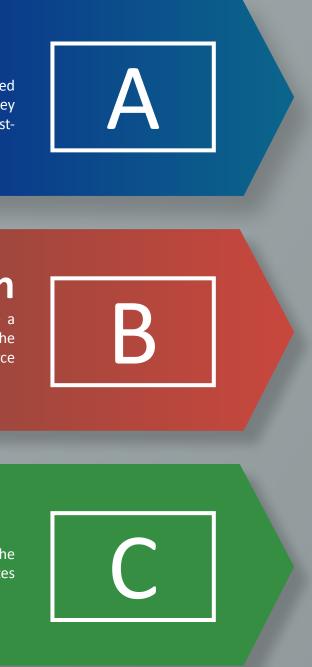


### **Linear Pendant Option**

Two 24-foot linear pendant direct/indirect fixtures achieve the desired lighting levels. The 20% indirect component illuminates the ceiling, reducing the overall contrast within the space.



# Classroom Lighting



+44.6	51.2	<sup>+</sup> 51.6	<sup>+</sup> 50.9	<sup>+</sup> 53.9	56.1	<sup>+</sup> 53.6	<sup>+</sup> 50.7	<sup>+</sup> 51.5	50.8	<sup>+</sup> 43.8
<sup>+</sup> 51.7	<sup>+</sup> 60.1	+60.3	<sup>+</sup> 59.1	+ 53.9 + 63.0 + 64.8	+66.0	<sup>+</sup> 62.8	<sup>+</sup> 59.0	<sup>+</sup> 60.2	<sup>+</sup> 59.7	<sup>+</sup> 51.0
+ 52.6	60.9	<sup>+</sup> 62.0	<sup>+</sup> 61.4	+ 64.8	67.4	<sup>+</sup> 64.7	<sup>+</sup> 61.2	+61.7	60.5	<sup>+</sup> 52.0
				<sup>+</sup> 64.8						
<sup>+</sup> 54.9	63.6	<sup>+</sup> 64.8	<sup>+</sup> 64.5	+ 68.1 + 70.6 + 68.1	70.6	<sup>+</sup> 67.8	<sup>+</sup> 64.3	<sup>+</sup> 64.7	+ 63.1	<sup>+</sup> 54.2
<sup>+</sup> 57.1	<sup>+</sup> 66.5	<sup>+</sup> 67.3	<sup>+</sup> 66.5	<sup>+</sup> 70.6	+73.7	<sup>+</sup> 70.4	<sup>+</sup> 66.3	<sup>+</sup> 67.2	<sup>+</sup> 66.1	<sup>+</sup> 56.4
<sup>+</sup> 54.9	63.7	<sup>+</sup> 65.0	<sup>+</sup> 64.6	+68.1	70.8	<sup>+</sup> 68.0	<sup>+</sup> 64.4	+64.8	63.3	<sup>+</sup> 54.4

+33.4	<sup>+</sup> 45.2	<sup>+</sup> 51.7	<sup>+</sup> 47.8	<sup>+</sup> 39.6	<sup>+</sup> 36.1	<sup>+</sup> 39.6	<sup>+</sup> 47.8	<sup>+</sup> 51.7	<sup>+</sup> 45.2	<sup>+</sup> 33.4
<sup>+</sup> 37.6	<sup>+</sup> 51.7	59.4	<sup>+</sup> 54.8	<sup>+</sup> 44.9	<sup>+</sup> 40.7	<sup>+</sup> 44.9	<sup>+</sup> 54.8	59.4	<sup>+</sup> 51.7	<sup>+</sup> 37.6
+40.2	<sup>+</sup> 55.5	<sup>+</sup> 63.9	<sup>+</sup> 59.0	+48.4	<sup>+</sup> 43.9	<sup>+</sup> 48.4	+47.8 +54.8 +59.0 +61.2 +62.3 +62.6 +62.3	<sup>+</sup> 63.9	<sup>+</sup> 55.5	+40.2
<sup>+</sup> 41.7	<sup>+</sup> 57.5	<b>*</b> 66.1	<sup>+</sup> 61.2	<sup>+</sup> 50.5	<sup>+</sup> 45.8	<sup>+</sup> 50.5	<sup>+</sup> 61.2	66.1	<sup>+</sup> 57.5	<sup>+</sup> 41.7
<sup>+</sup> 42.5	<sup>+</sup> 58.5	+67.2	<sup>+</sup> 62.3	<sup>+</sup> 51.5	+46.8	<sup>+</sup> 51.5	<sup>+</sup> 62.3	<sup>+</sup> 67.2	<sup>+</sup> 58.5	<sup>+</sup> 42.5
+42.7	<sup>+</sup> 58.7	67.5	<sup>+</sup> 62.6	<sup>+</sup> 51.8	<sup>+</sup> 47.1	<sup>+</sup> 51.8	<sup>+</sup> 62.6	67.5	<sup>+</sup> 58.7	<sup>+</sup> 42.7
+42.5	<sup>+</sup> 58.5	+67.2	<sup>+</sup> 62.3	<sup>+</sup> 51.5	+46.8	<sup>+</sup> 51.5	<sup>+</sup> 62.3	+67.2	<sup>+</sup> 58.5	<sup>+</sup> 42.5

+41.7	<sup>+</sup> 63.1	+77.2	<sup>+</sup> 67.7	<sup>+</sup> 51.5	<sup>+</sup> 45.2	<sup>+</sup> 51.5	<sup>+</sup> 67.8	+77.2	<sup>+</sup> 63.2	<sup>+</sup> 41.7
<sup>+</sup> 41.8	<sup>+</sup> 63.3	77.4	<sup>+</sup> 68.0	<sup>+</sup> 51.7	<sup>+</sup> 45.5	<sup>+</sup> 51.7	<sup>+</sup> 68.0	 77.4	<sup>+</sup> 63.3	<sup>+</sup> 41.9
+41.7	<sup>+</sup> 63.1	+ 77.2 + 77.4 + 77.2 + 76.3 + 74.3 + 69.9 + 60.9	<sup>+</sup> 67.7	<sup>+</sup> 51.5	<sup>+</sup> 45.2	<sup>+</sup> 51.5	<sup>+</sup> 67.8	<sup>+</sup> 77.2	<sup>+</sup> 63.2	<sup>+</sup> 41.7
+ 41.1	<sup>+</sup> 62.3	<sup>+</sup> 76.3	+66.8	+50.6	+44.4	<sup>+</sup> 50.6	+66.8	+ 76.3	<sup>+</sup> 62.4	<sup>+</sup> 41.1
<sup>+</sup> 39.8	+60.7	<sup>+</sup> 74.3	<sup>+</sup> 64.9	<sup>+</sup> 48.9	<sup>+</sup> 42.8	<sup>+</sup> 48.9	<sup>+</sup> 64.9	+74.4	+60.7	<sup>+</sup> 39.9
+37.5	<sup>+</sup> 57.0	+ 69.9	+60.8	<sup>+</sup> 45.7	<sup>+</sup> 39.9	<sup>+</sup> 45.7	+60.9	+ 69.9	<sup>+</sup> 57.0	<sup>+</sup> 37.5
+33.4	<sup>+</sup> 49.9	<sup>+</sup> 60.9	<sup>+</sup> 53.1	+40.3	<sup>+</sup> 35.5	+40.3	<sup>+</sup> 53.1	+60.9	<sup>+</sup> 49.9	<sup>+</sup> 33.4

#### **2x4 Recessed Option**

-2 X 4 Recessed Option -.4 Watts Per SQ' -59.8 FC Average (Criteria 50FC) -Max:Min 1.7:1 (Criteria (2.5:1 or less) -Average lead time two weeks or less -Fixture cost per SQ': \$1.20

## **Linear Recessed Option**

-Linear Recessed Option -.4 Watts Per SQ' -51.3 FC Average (Criteria 50FC) -MAX:MIN 2.0:1 (Criteria 2.5:1 or less) -Average lead time 2 weeks or less -Fixture cost per SQ': \$3.25

#### **Linear Pendant Option**

-Linear Pendant Option -Mounting Height 7'6" AFF -Distribution: 20% Up / 80% Down -.4 Watts Per SQ' -54.9 FC Average (Criteria 50FC) -Max:Min 2.3:1 (Criteria 2.5:1 or less) -Average lead time 2-4 weeks or less -Fixture cost per SQ': \$3.50



30' X 30' CLASSROOM. 9' HEIGHT CALCULATIONS AT 2.5' DESK HEIGHT STARTING 4' FROM THE WALLS.

# Classroom Lighting







# The nLight Advantage for Classrooms

**Title 24 code compliant** SB-327 cybersecurity compliant **Fewest devices for easy installation**  $\checkmark$ 

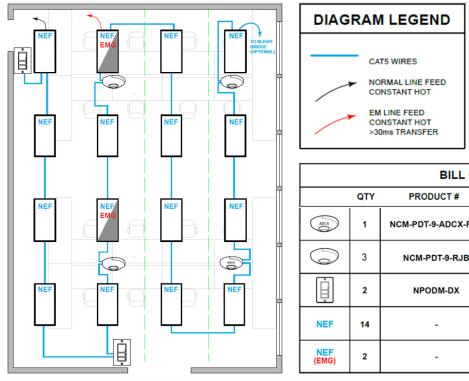
Wired or Wireless tailored solutions Integrated or external device options

## Example of **nLight** Integrated Solutions:

#### **WIRELESS**

	NLIGHT NORMA CONST EM LINI CONST	EGEND AIR ALLINE FEED ANT HOT E FEED ANT HOT TRANSFER				
	QTY 4	PRODUCT # RCMSB-7-G2	DESCRIPTION CEILING MOUNTED OCCUPANCY + PHOTO SENSOR. PHOTO SENSOR IS DUAL ZONE TYPE.			
	2	RPODB-DX-G2	BATTERY POWERED SINGLE GANG, ONE ZONE DIMMING SWITCH (ON/OFF/RAISE/LOWER). BATTERY POWERED			
	14		NLIGHT AIR ENABLED FIXTURES WITH CONSTANT HOT			
	2	-	NLIGHT AIR ENABLED FIXTURES WITH EM CONSTANT HOT ON INVERTER/GENERATOR			

**WIRED** 



For more information, visit us at <u>https://performanceltg.com/controls/</u>.





- **Local Stock & Support (Design & Startup)**

BILL OF MATERIAL							
	QTY	PRODUCT #	DESCRIPTION				
ADX	1	NCM-PDT-9-ADCX-RJB	CEILING MOUNTED OCCUPANCY +PHOTO SENSOR. PHOTOCELL IS DUAL ZONE TYPE.				
$\bigcirc$	3	NCM-PDT-9-RJB	CEILING MOUNTED OCCUPANCY SENSOR.				
•	2	NPODM-DX	SINGLE GANG, SINGLE ZONE DIMMING SWITCH				
NEF	14		NLIGHT ENABLED FIXTURE WITH CONSTANT HOT				
NEF (EMG)	2	-	NLIGHT ENABLED FIXTURE WITH EM CONSTANT HOT ON INVERTER/GENERATOR				

