

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.

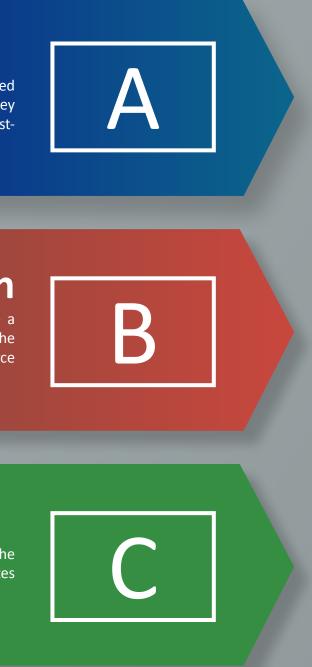


Linear Pendant Option

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

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

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

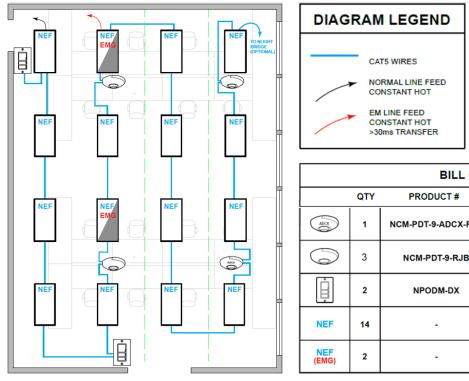
Wired or Wireless tailored solutions Integrated or external device options

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				

