Nuvole HD

architectural
NULITE

architectural

NULITE

Nuvole HD Wall

Nuvole HD

[nu-vo-lay]; clouds

*The translation of the Italian word **nuvole** is "clouds". Nulite's interpretation of nuvole is a luminous instrument. The soft glow gives the illusion the luminaire floats like a cloud in the sky.*

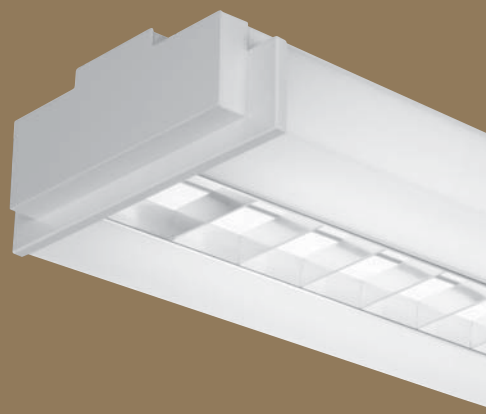
This one-of-a-kind luminaire is available in a variety of lamps, louvers, mounting and color options to complement any interior environment.

Contents

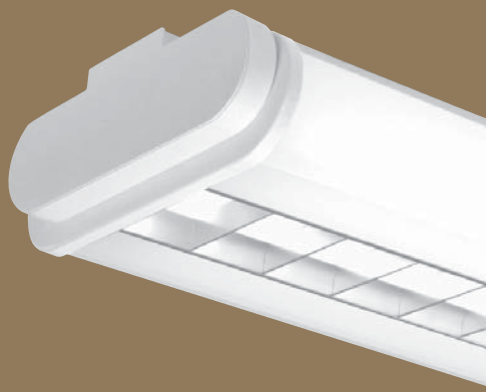
Products Features	**4-6**
Photometry	**6-7**
Open Office	**8-9**
Private Office	**10-11**
Educational Facility	**12-13**
Specifications	**14-15**

Nuvole HD

Rectangular



Rounded

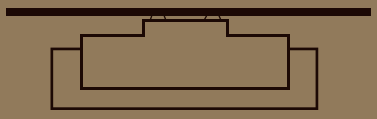


At the heart of the Nuvole HD is our proprietary frosted extruded acrylic lens that is designed for a balance between maximum light transmission and diffusion of lamp image. The soft luminous glow of the lens gives the luminaire the illusion of floating like a cloud in the sky. Choose between our rectangular or rounded profile.

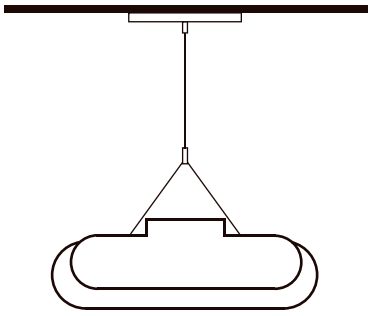
This versatile luminaire family can be surface, suspended or wall mounted individually and is designed for easy installation for continuous row applications.

The output of the luminaire will change with the type of shielding option from the subdued perforated recessed lens to the high performance specular cross blade anodized aluminum louver.

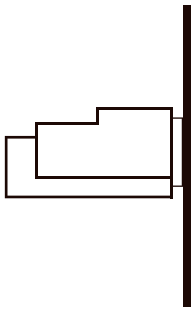
Surface



Suspended



Wall



Center Optical Options

1 ***White Cross Blade Louver***

2 ***Specular Cross Blade Louver***

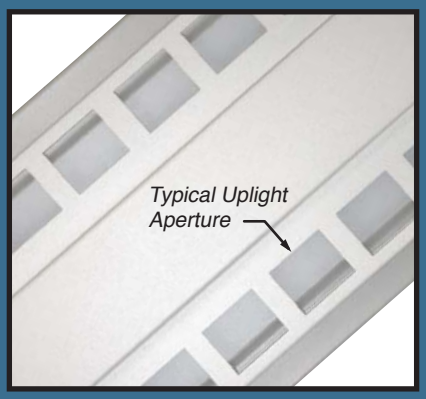
3 ***Ribbed Cross Blade Louver***

4 ***Perforated Recessed***

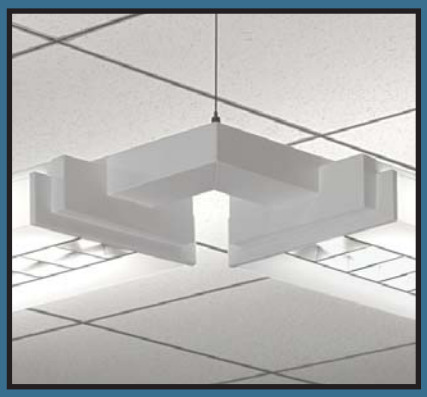
5 ***Frosted Recessed***

Nuvole HD

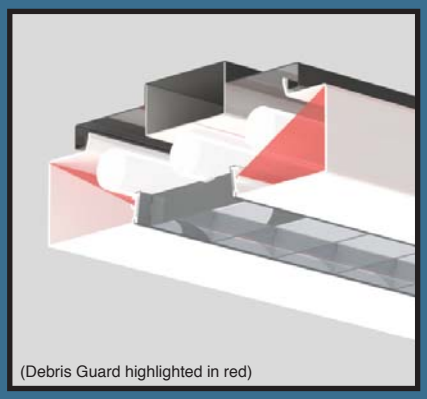
Options:



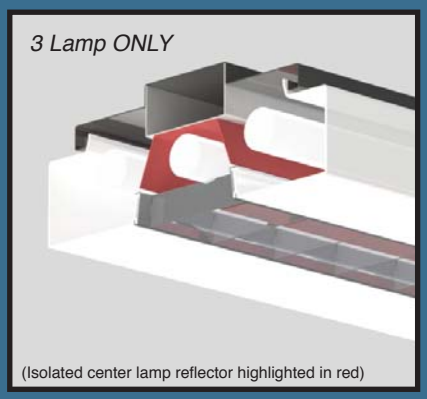
(NLB) Our bidirectional housing option has uplight apertures to increase the indirect component for suspended applications.



Corner accessories are available for suspended units in three configurations. In addition, the corners have an optional center mounting location. Refer to specification sheet for more details.


(Debris Guard highlighted in red)

(DG) The clear acrylic debris guard option shields the outer frosted acrylic diffusers from build up of debris.



(Isolated center lamp reflector highlighted in red)

(ICL) The isolated center lamp reflector option provides more light control - direct light only from center lamp.

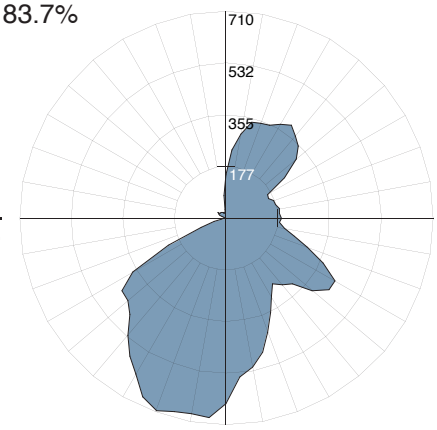
Spatial ambient illumination

Nulite's Nuvole HD luminaire provides spatial ambient illumination. The 360 degree light distribution fills the environment with light for visual comfort and balance throughout the space.

Wall Mount

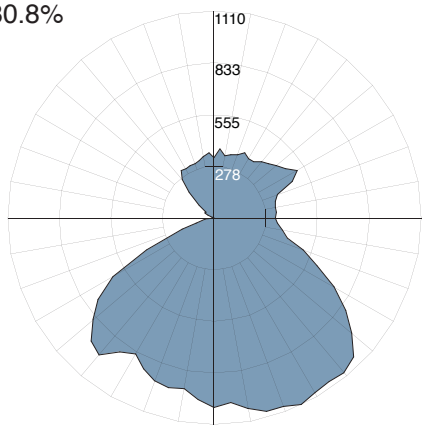
Cat. No. NLW-1T5... Specular Blade Louver
Lamp: (1) F28/T5
Lumens: 2900
Efficiency: 83.7%

28% (up)
72% (down)



Cat. No. NLW-2T5... Specular Blade Louver
Lamp: (2) F28/T5
Lumens: 5800
Efficiency: 80.8%

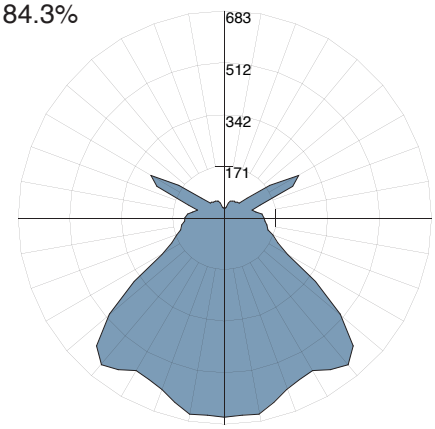
29% (up)
71% (down)



Bidirectional Housing

Cat. No. NLB-1T5... Specular Blade Louver
Lamp: (1) F28/T5
Lumens: 2900
Efficiency: 84.3%

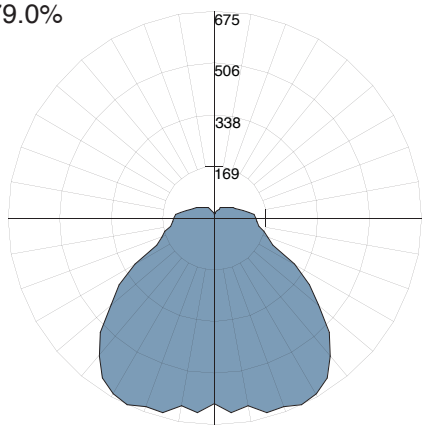
20% (up)
80% (down)



Direct Housing

Cat. No. NLD-1T8... Specular Blade Louver
Lamp: (1) FO32
Lumens: 2900
Efficiency: 79.0%

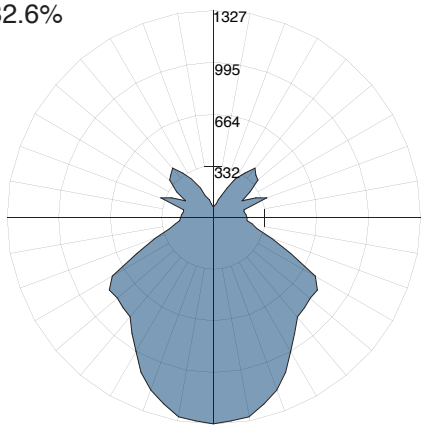
12% (up)
88% (down)



Bidirectional Housing

Cat. No. NLB-2T5... Specular Blade Louver
Lamp: (2) F28/T5
Lumens: 5800
Efficiency: 82.6%

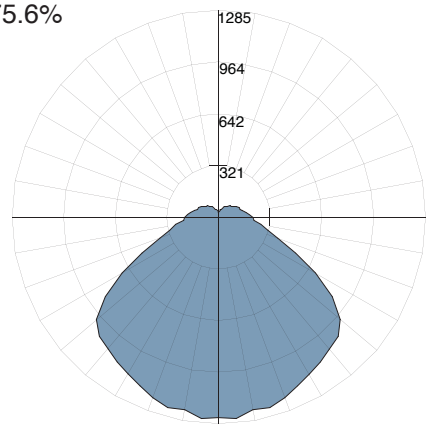
24% (up)
76% (down)



Direct Housing

Cat. No. NLD-2T8... Specular Blade Louver
Lamp: (2) FO32
Lumens: 5800
Efficiency: 75.6%

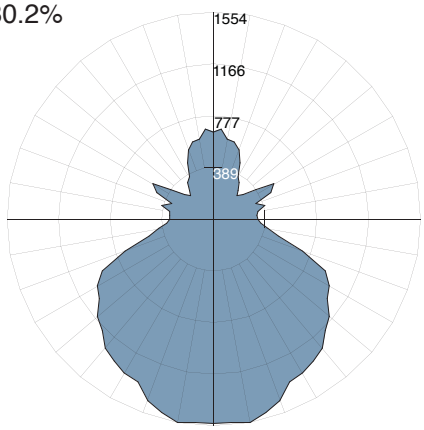
11% (up)
89% (down)



Bidirectional Housing

Cat. No. NLB-3T5... Specular Blade Louver
Lamp: (3) F28/T5
Lumens: 8700
Efficiency: 80.2%

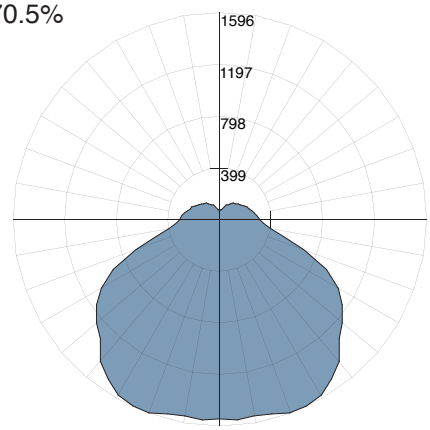
30% (up)
70% (down)



Direct Housing

Cat. No. NLD-3T8... Specular Blade Louver
Lamp: (3) FO32
Lumens: 8700
Efficiency: 70.5%

14% (up)
86% (down)



Nuvole HD

Office lighting should not just be performance driven, it should also have aesthetically pleasing characteristics. Nuvole's distinctive luminous quality gives a space a fresh appearance with high performance illumination. The fully luminous design provides for a high visual comfort factor by reducing contrast from ceiling brightness and luminaire darkness. Some indirect fixtures have a higher overall efficiency, but Nuvole's increased direct component generally outperforms these products with higher footcandle values on the work-plane.

20	26	32	37	40	41	42	43	42	41	40	37	32	26	20
26	35	46	53	57	59	60	60	60	59	57	53	46	35	26
32	47	63	73	78	81	82	82	82	81	78	73	63	47	32
33	48	65	75	80	83	84	84	84	83	80	75	65	48	33
29	40	51	58	63	65	66	67	66	65	63	58	51	40	29
27	34	42	48	52	55	56	56	56	55	52	48	42	34	27
27	35	43	49	53	55	56	57	56	55	53	49	43	35	27
30	41	52	60	64	67	68	68	68	67	64	60	52	41	30
35	50	67	77	83	85	87	87	87	85	83	77	67	50	35
35	51	67	78	83	86	87	87	87	86	83	78	67	51	35
31	41	52	60	65	67	68	69	68	67	65	60	52	41	31
28	36	43	50	54	56	57	57	57	56	54	50	43	36	28
28	36	43	50	54	56	57	57	57	56	54	50	43	36	28
31	41	52	60	65	67	68	69	68	67	65	60	52	41	31
35	51	67	78	83	86	87	87	87	86	83	78	67	51	35
35	50	67	77	83	85	87	87	87	85	83	77	67	50	35
30	41	52	60	64	67	68	68	68	67	64	60	52	41	30
27	35	43	49	53	55	56	57	56	55	53	49	43	35	27
27	34	42	48	52	55	56	56	56	55	52	48	42	34	27
29	40	51	58	63	65	66	67	66	65	63	58	51	40	29
33	48	65	75	80	83	84	84	84	83	80	75	65	48	33
32	47	63	73	78	81	82	82	82	81	78	73	63	47	32
26	35	46	53	57	59	60	60	60	59	57	53	46	35	26
20	26	32	37	40	41	42	43	42	41	40	37	32	26	20

Typical Open Office

Dimensions: 30' x 48' x 10'
Reflectances: 80/50/20
Luminaire: NLB-2T8-...(specular louver)...-24'
Work plane Illumination: 55 fc*

*Average Maintained Footcandles @ 30" AFF. No furniture modeled.
LLF = 0.80, Mounting Height = 8' AFF, Luminaire rows are 12' o.c.
This calculation is approximate illumination values.

10	9	8	7
13	12	10	9
17	15	13	11
21	18	15	12
23	20	16	13
24	21	17	14
24	21	17	14
23	20	16	13
21	18	15	12
17	15	13	11
13	12	11	9
10	9	8	7

Typical Hallway

Dimensions: 8' x 24' x 10'
Reflectances: 80/50/20
Luminaire: NLW-1T8-...(specular louver)...-16'
Work plane Illumination: 14.5 fc*

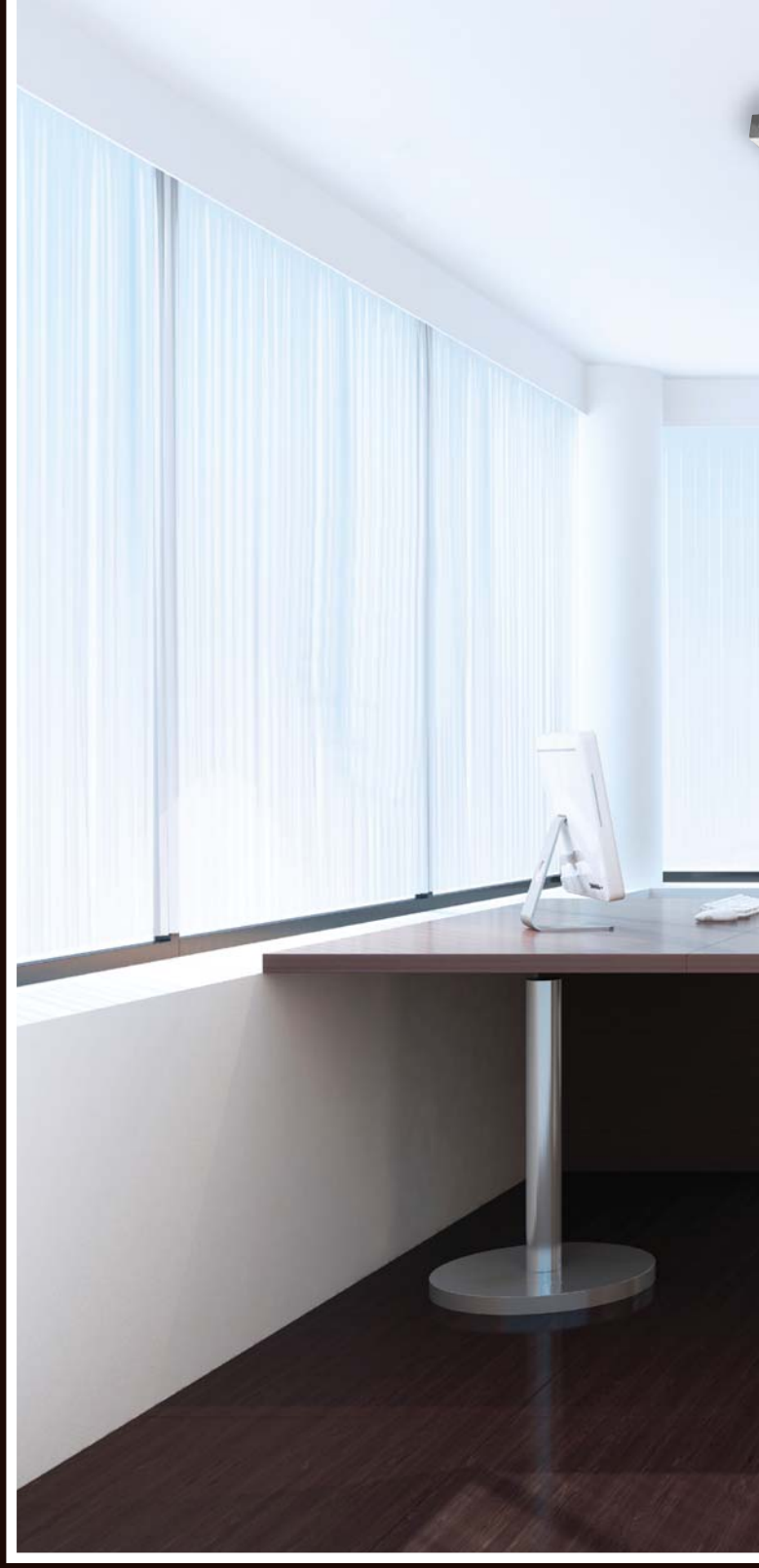
*Average Maintained Footcandles @ Floor. LLF = 0.80.
This calculation is approximate illumination values.

The companion wall luminaire is ideal for illuminating corridors, lobbies, restrooms and small general use areas.

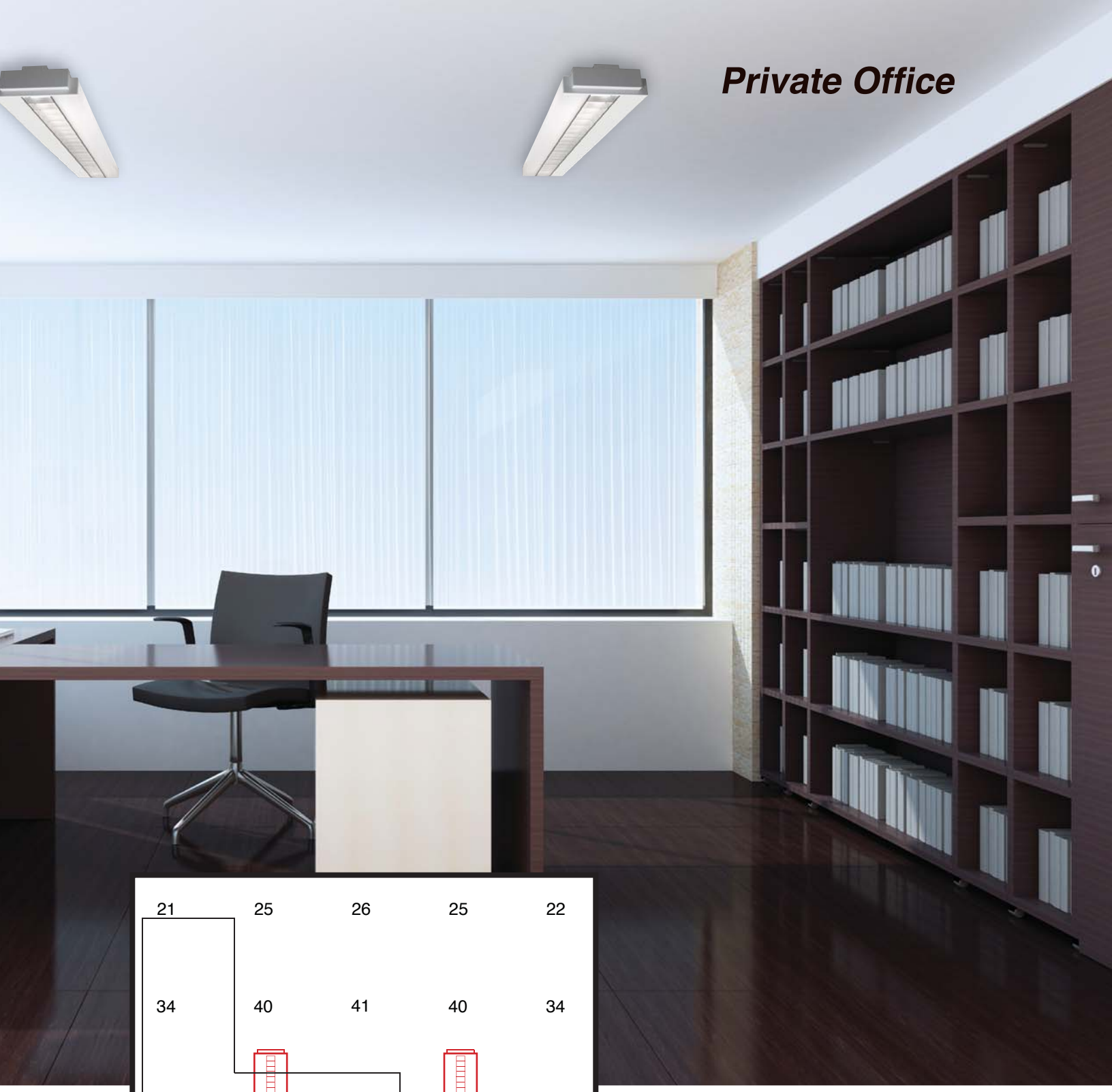
Nuvole HD

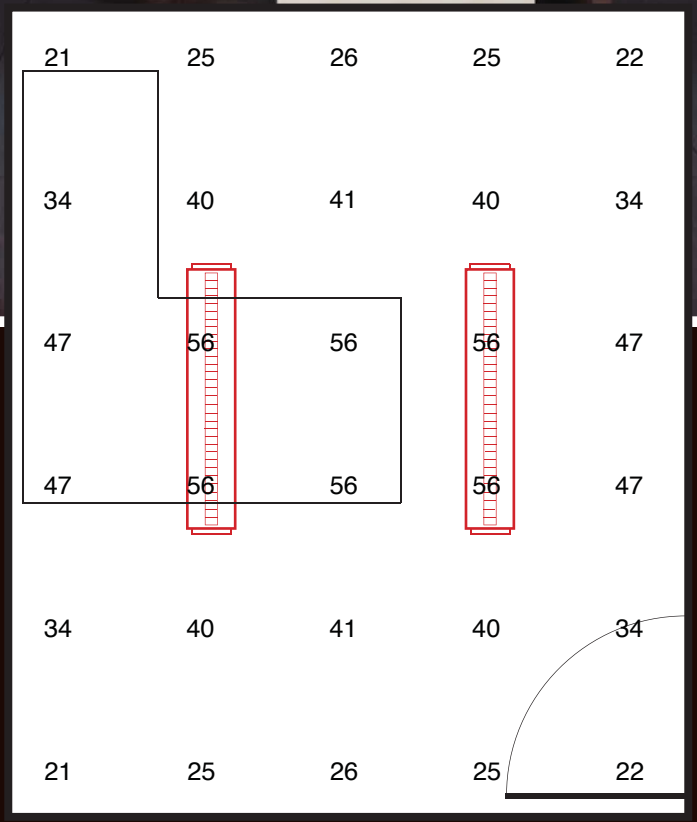
The Nuvole HD is an ideal solution for illuminating smaller or private offices. Many small offices lack the ceiling height to accommodate suspend luminaires for indirect illumination. The Nuvole HD can be surface mounted or wall mounted and still maintain quality illumination.

With our variation of mounting configurations, the Nuvole HD can be used throughout a project to achieve a cohesive design appearance.



Private Office





Typical Private Office

Dimensions: 10’ x 12’ x 8’
Reflectances: 80/50/20
Luminaire: NLD-2T8-...(specular louver)...-4’
Work plane Illumination: 38 fc*

*Average Maintained Footcandles @ 30” AFF. No furniture molded. LLF = 0.80.
This calculation is approximate illumination values.

Nuvole HD

Illuminating an educational facility is challenging for designers due to the diversity of tasks in this type of environment. Classroom applications require different illumination levels for reading, presentations and projected graphics. Our three lamp, two-circuit luminaires can provide three illumination levels for a variety of tasks. Refer to figures C1, C2, and C3. Add optional dimming ballast for even more control and energy savings.

The versatility of the Nuvole HD family lends well to educational facility applications. The various mounting styles allow luminaires to be surface mounted for lower ceiling applications and suspended when the ceiling height can accommodate.

Library stack is another great application for the Nuvole HD. The open baffle aperture provides the punch of light to get to the bottom of the stacks and the luminous side rails illuminate the upper portion, see figure C4.

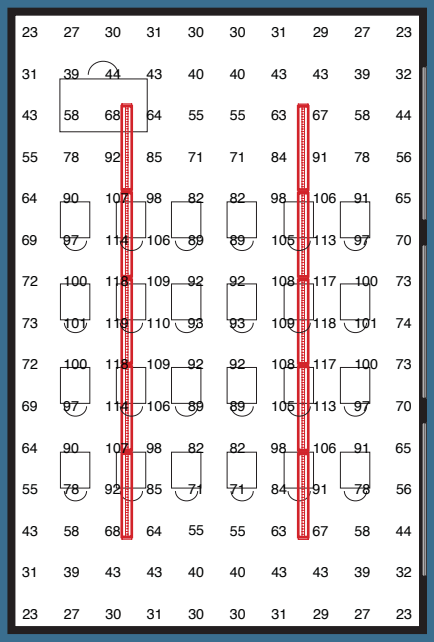


Figure C3

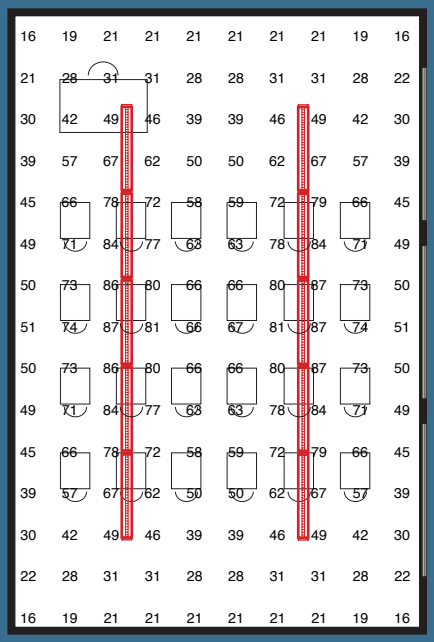


Figure C2

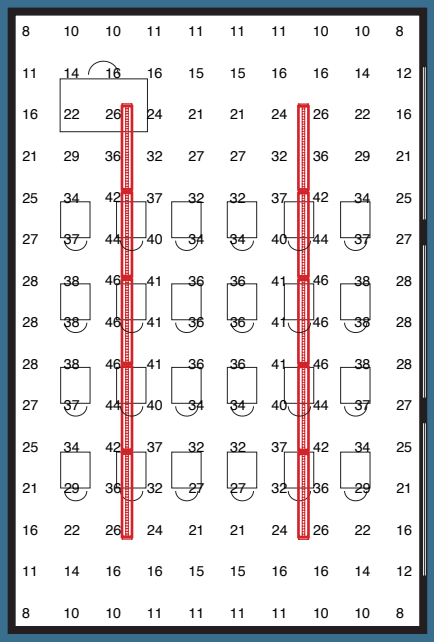


Figure C1

Typical Classroom

Dimensions: 20' x 30' x 9.5'
Reflectances: 80/50/20
Luminaire: NLB-3T8-...(specular louver)...-20'
Work plane Illumination (All Lamps): 70.9 fc*
Work plane Illumination (2-Lamps): 51.1 fc*
Work plane Illumination (1-Lamp): 26.9 fc*

*Average Maintained Footcandles @ 30" AFF
LLF = 0.80, Mounting Height = 7.5' AFF
This calculation is approximate illumination values.

Circuits 1 & 2
All Lamps On

Circuit 2
(2) Lamps On

Circuit 1
(1) Lamp On

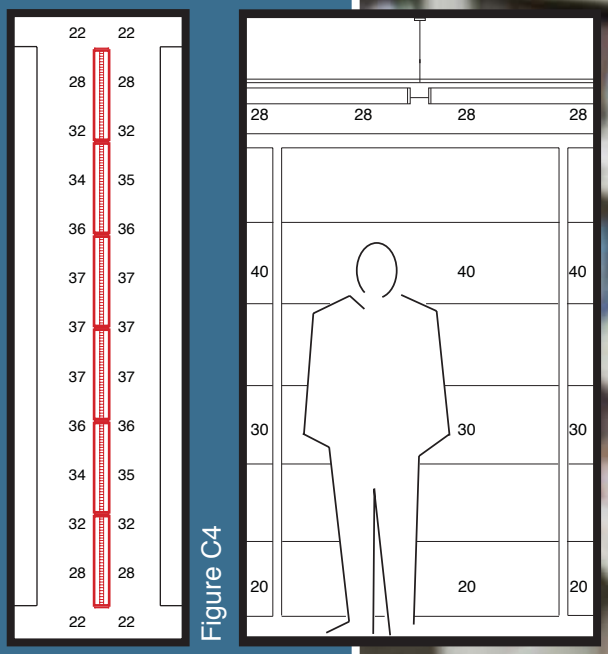


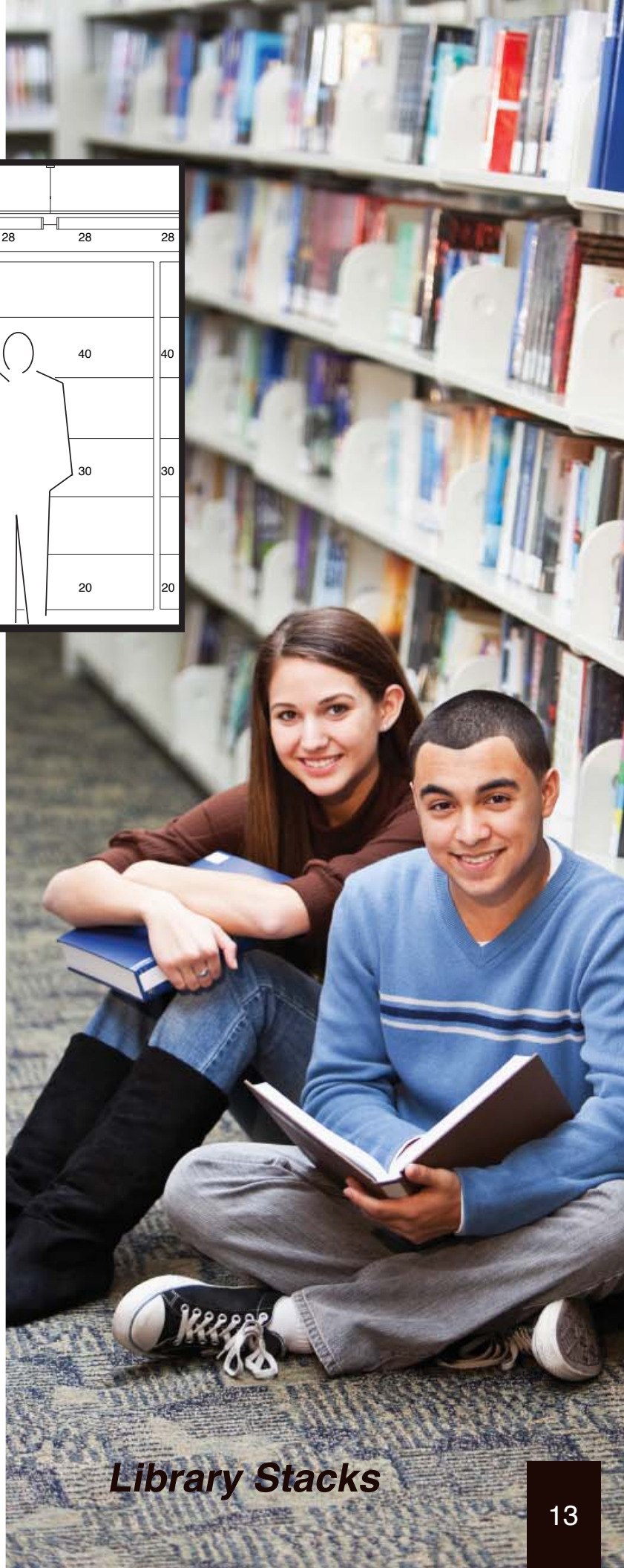
Figure C4

Typical Library Stack

Dimensions: 5’ x 26’ x 9’
Reflectances: 80/50/20
Luminaire: NLB-1T5-...(specular louver)...-24’

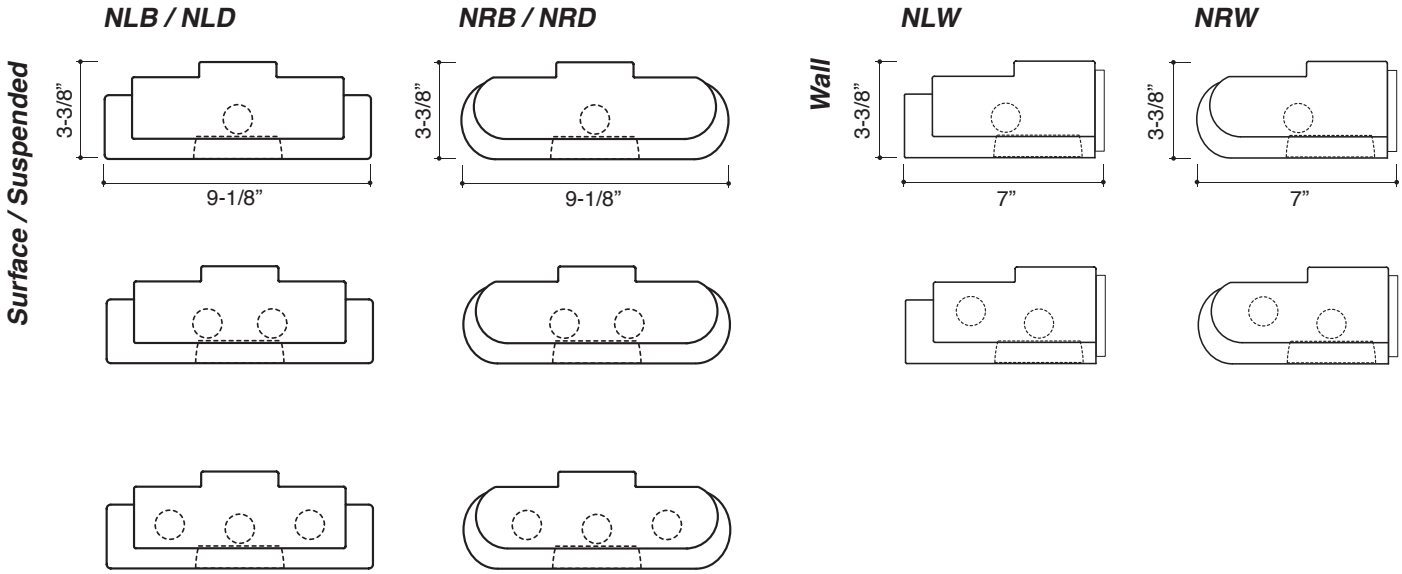
Work plane Illumination: 31.9 fc*

*Average Maintained Footcandles @ Floor. LLF = 0.80
This calculation is approximate illumination values.

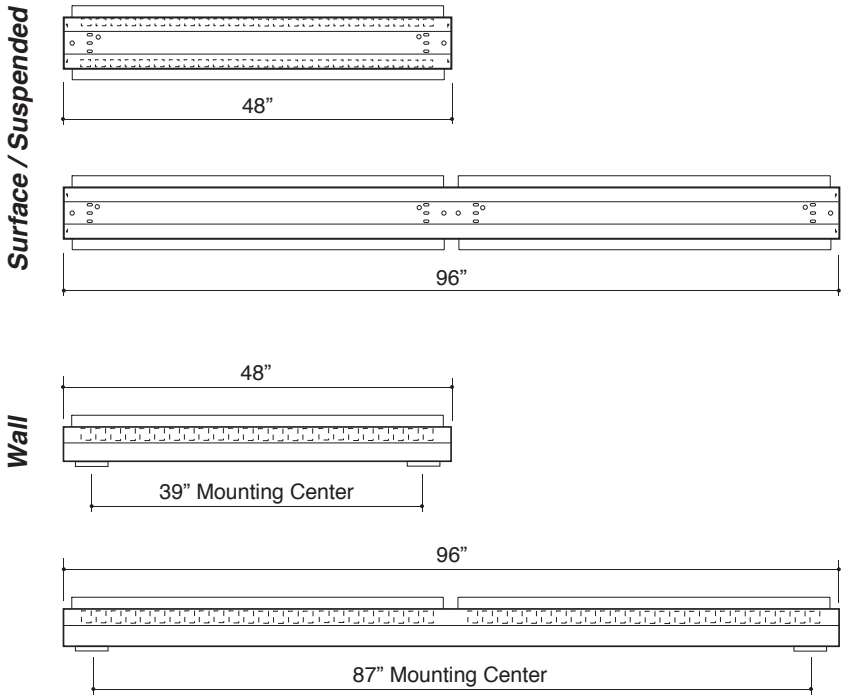


Nuvole HD

T5/T5HO/T8 Lamp Configurations

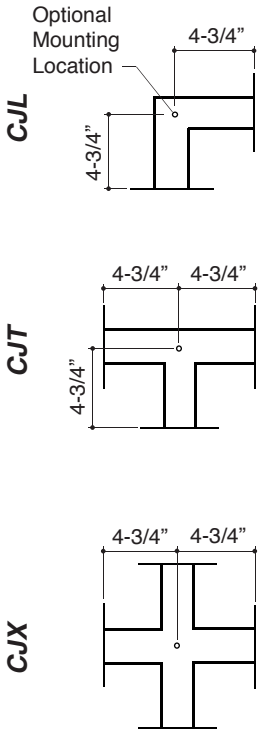


Lengths



See Specification Sheet for Continuous Row Mounting.

Corners



Colors

White (WH) *Standard*

Silver (SV)

Black (BK)

Printed color may not match the luminaire color exactly due to the printing process.

Ordering Information

Specifications

Construction:

Die formed 20 gauge cold rolled steel housing. Optional bidirectional housing with uplight apertures. End caps are formed cold rolled steel for a snap-on fit with no exposed fasteners.

Reflector:

Reflector/ballast cover is die formed cold rolled steel finished with high reflectance white paint.

Shielding:

Extruded frosted acrylic side diffusers. Multiple louver options - standard white cross blade, specular cross blade, ribbed cross blade, perf or frosted recessed.

Finish:

Standard housing and end caps are textured white powder coat paint finish after fabrication, optional black or silver. Consult factory for custom colors.

Electrical:

Standard electronic, Class P, ballast. Optional high efficiency ballast types and/or ballast factor. Universal (UNV) voltage ballast is from 120 to 277V.

Lamping:

1, 2 or 3 lamp cross-section in T5, T5HO or T8; wall mount - 1 or 2 lamp cross-section. Nominal 4' or 8' housing lengths. Luminaire can be ordered with lamps, consult factory.

Mounting:

Surface, suspended or wall; individually or continuous rows.

Labels:

UL / cUL listed for damp locations.

Ordering Information

Sample: NLB-2T5HO-UNV-PSN-1C-RB-SV-T148-24'

Series	Lamp	Voltage	Ballast		Circuit	Optics	Color	Mounting	Length	Options
(Rectangular) NLD[1] (Direct) NLB[2] (Bidirectional) NLW[3,4] (Wall Bidirectional) *(Rounded)* NRD[1] (Direct) NRB[2] (Bidirectional) NRW[3,4] (Wall Bidirectional)	1T5 2T5 3T5[4] 1T5HO 2T5HO 3T5HO[4] 1T8 2T8 3T8[4]	UNV 120 277 347[5]	T8 Options IS *(Standard)* PS HEIS HEPS T5/T5HO PS *(Standard)* HEPS[5] All Lamp Dimming Options DIM[5] Dimming SD[5] Step Dimming IS=Instant Start PS=Program Start HEIS=High Efficiency Instant Start HEPS=High Efficiency Program Start	Ballast Factor N Normal *(Standard)* L Low H High Ballast Factor N Normal	1C Single Circuit 2C[6] Dual Circuit 1E Single Circuit w/ EM Circuit 2E[6] Dual Circuit w/ EM Circuit 1B Single Circuit w/ Battery Pack 2B[6] Single Circuit w/ Battery Pack	WB *(Standard)* (White Blade) SB (Specular Blade) RB (Ribbed Blade) PR (Perf Recessed) FR (Frosted Recessed)	WH *(Standard)* (White) BK (Black) SV (Silver) CC (Custom Color)	SC (length)[7] (Stem Canopy) T1 (48 or 120)[8] (1" Tee) T9 (48 or 120)[8] (9/16" Tee) TS (48 or 120)[8] (Slotted Tee) SR (48 or 120)[8] (Structure) SF (Surface Mount) WM (Wall Mount)	XX' (Run length in 4 ft. increments, refer to specification sheet)	DG Debris Guard ICL Isolated Center Lamp (3-lamp only) GLR Fusing

Corner Accessories for Suspended Luminaires

CJL - Corner "L"	CJT - Corner "T"	CJX - Corner "X"
Optional Mounting Location	Optional Mounting Location	Optional Mounting Location

Series	Configuration	Color	Mounting	Sus. Length
NL (rectangular) NR (rounded)	CJL (Corner "L" Junction) CJT (Corner "T" Junction) CJX (Corner "X" Junction)	WH (White) BK (Black) SV (Silver) CC (Custom Color)	NM[9] (No Mounting) SC[7] (Stem/Canopy) T1[10] (AC to 1" Tee) T9[10] (AC to 9/16" Tee) TS[10] (AC to Slotted Tee) SR (AC to Structure)	48 (48" adjustable AC) 120 (120" adjustable AC) Specify length for SC[5]

Notes:

1. *Solid housing top for surface or suspended mounting.*
2. *Bidirectional distribution (top housing apertures) is for suspended mounting only.*
3. *Wall mount bidirectional distribution (top housing apertures).*
4. *Wall mount not available in 3-lamp cross section.*
5. *Consult Factory.*
6. *Not available for 1-lamp cross section. Inboard/outboard configuration. Consult factory for 2 lamp cross-section.*
7. *Specify stem length - 12", 18" or 24" (~ top of luminaire to ceiling).*
8. *Specify 48" or 120" Adjustable Aircraft Cables (~ top of luminaire to ceiling).*
9. *NM (No Mounting) option at the corner.*
10. *Mounting may not align in all directions with ceiling grids. Consult factory for design assistance.*

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