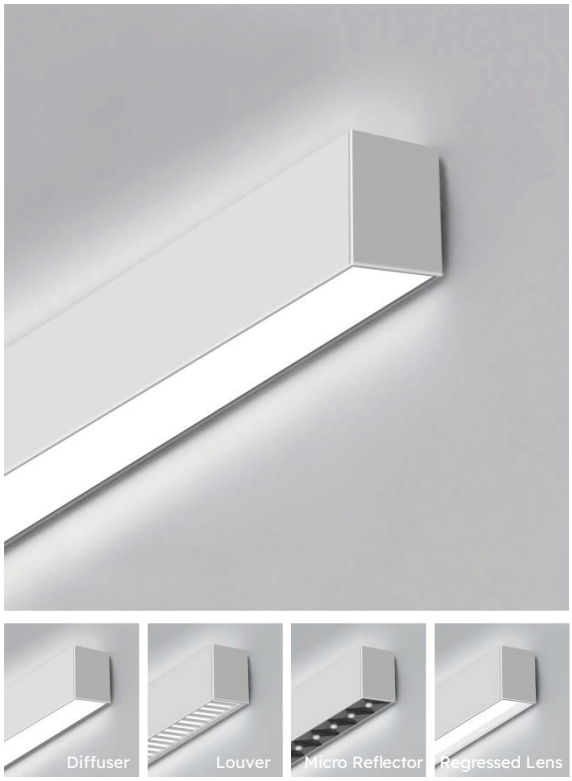
NEXT Lighting

NSWW4 Wall™

Spec-Grade |
3.8″ Architectural LED Wall-Mounted Linear Lighting



The **Next Lighting NSWW4 Wall™** combines architectural elegance,exceptional visual comfort, and advanced lighting flexibility in a sophisticated wall-mounted linear system. Featuring a refined **3.8-inch aperture**, NSWW4 transforms vertical surfaces into architectural design elements while delivering balanced, comfortable illumination for corridors, stairwells, healthcare facilities, educational environments, hospitality spaces, and modern workplaces. Designed with a sleek, low-profile form factor, NSWW4 seamlessly integrates into contemporary interiors while providing both functional and decorative illumination. Available in **2′, 3′, 4′, and 8′ lengths**, the system supports individual fixtures or continuous runs, enabling uninterrupted lines of light that enhance circulation spaces and architectural features.

At the heart of the NSWW4 platform is its innovative **7-in-1 field-selectable distribution system**, allowing designers and contractors to configure direct, indirect, or combined uplight/downlight distributions using simple onboard DIP switches. This flexibility enables a single fixture to adapt to multiple applications while reducing inventory complexity and simplifying project execution. To further tailor performance, NSWW4 is available with **diffuser, micro-reflector, louver, and regressed lens optics**, providing solutions that range from soft ambient illumination to highly controlled architectural lighting. Smooth uplight and downlight distributions create brighter ceilings, improved visual comfort, and wider fixture spacing for enhanced design efficiency.

Field-selectable output settings at **50%, 75%, and 100%**, combined with adjustable color temperatures of **3000K, 3500K, and 4000K**, allow NSWW4 to adapt to changing project requirements while maintaining specification-grade performance. Advanced **0-10V dimming down to 10% or 1%** provides precise lighting control and energy-saving capabilities. The result is a versatile architectural wall-mounted system that delivers exceptional aesthetics, superior performance, and unmatched flexibility across a wide range of interior applications.

FEATURE

- Wattage selectable (50%/75%/100%)
- CCT adjustable from 3000K, 3500K, 4000K
- 0-10V dimming, dim to 10% or 1% options
- 7 embedded lighting distributions adjusting by dip switch
- Available in diffuser, micro reflector, louver and regressed lens
- Individual units or continuous runs

NSWW4 Wall™

LOCATION:
DATE:
FIXTURE TYPE:
PROJECT NAME:

PERFORMANCE

Lens	Length	Wattage Selectable	50% UP/50% DOWN @4000K		100%DOWN @4000K		CCT Adjustable
			Efficacy	Lumen Output	Efficacy	Lumen Output	
Diffuser	2′	20W/15W/10W	1200lm/ft	Up to 2400LM	1050m/ft	Up to 2100LM	3000K/3500K/4000K
	3′	30W/23W/15W		Up to 3600LM		Up to 3150LM	
	4′	40W/30W/20W		Up to 4800LM		Up to 4200LM	
	8′	80W/60W/40W		Up to 9600LM		Up to 8400LM	
Louver	2′	20W/15W/10W	950lm/ft	Up to 1900LM	650lm/ft	Up to 1300LM	3000K/3500K/4000K
	3′	30W/23W/15W		Up to 2850LM		Up to 1950LM	
	4′	40W/30W/20W		Up to 3800LM		Up to 2600LM	
	8′	80W/60W/40W		Up to 7600LM		Up to 5200LM	
Regress Lens	2′	20W/15W/10W	1100lm/ft	Up to 2200LM	900lm/ft	Up to 1800LM	3000K/3500K/4000K
	3′	30W/23W/15W		Up to 3300LM		Up to 2700LM	
	4′	40W/30W/20W		Up to 4400LM		Up to 3600LM	
	8′	80W/60W/40W		Up to 8800LM		Up to 7200LM	
Micro Reflector	2′	20W/15W/10W	1150lm/ft	Up to 2300LM	900lm/ft	Up to 1800LM	3000K/3500K/4000K
	3′	30W/23W/15W		Up to 3450LM		Up to 2700LM	
	4′	40W/30W/20W		Up to 4600LM		Up to 3600LM	
	8′	80W/60W/40W		Up to 9200LM		Up to 7200LM	

PRODUCT ORDERING GUIDE

Example: NXT-NSWW4-ZE4B-WH-40W-D10-80TW-A-DF (Wall)

NXT-NSWW4		-		-		-	80	TW	-	A	-	
Product Series	Length		Finish		Wattage		0-10V Dim	CRI		CCT	Lighting Distribution	Down Lens
NXT-NSWW4	ZE2B 2 Feet Bold ZE3B 3 Feet Bold ZE4B 4 Feet Bold ZE8B 8 Feet Bold		WH White BL Black CM Custom *		20W 20W/15W/10W Selectable for 2ft 30W 30W/23W/15W Selectable for 3ft 40W 40W/30W/20W Selectable for 4ft 80W 80W/60W/40W Selectable for 8ft		D10 110-277V AC Dims to 10% Tested Dimmers: Lutron Diva-Dvtv, Leviton IP-710-DL. D01 110-277V AC Dim to 1%	80 80+ CRI (Standard) 90 90+ CRI*		TW CCT adjustable 3000K/ 3500K/ 4000K for diffuser, louver and regressed lens	A Adjustable by visible Dip switch: 100% uplight 10% down, 90% up 30% down, 70% up 50% down, 50% up 70% down, 30% p 90% down, 10% up 100% downlight	DF Diffuser LV Louver MR Micro Reflector RL Regressed Lens (White Shade)

OPTIONAL ACCESSORY

Non-lit Joiner

SJ
Straight Line Joiner
(Optional 40′ rolling lens)

Mounting & Optional Function

SMK
Surface Mounting Kits

EMI
Emergency Function
(Built-in 8W LED emergency driver and indicator before delivery, only for 4ft and 8ft lengths.)

EME
Emergency Function
(Only external 16w or 25w LED emergency driver with standard indicator available and need field-installed

NSWW4 Wall™

LOCATION:
DATE:
FIXTURE TYPE:
PROJECT NAME:

CUSTOM LINE OR SHAPE ORDERING GUIDE

Example: NXTB-W-C18-WH-DF-D10

	-		-		-	
SHAPE/LENGTH* (CHOOSE 1 & ENTER LENGTH IN FEET)		Finish		Down Lens		0-10V Dim

NXTB-W-C__ Individual 6ft/ up to 8ft Continuous Run Section (Enter length in product code above, ex. C18)

(C)
Continuous Run

WH
White

BL
Black

CM
Custom*

DF
Diffuser

LV
Louver

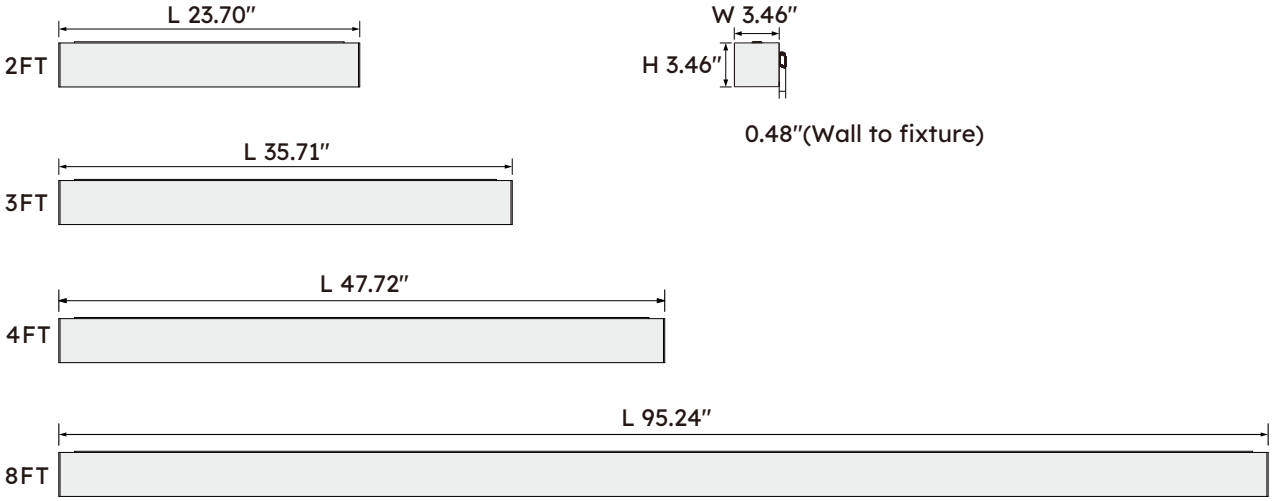
MR
Micro Reflector

RL
Regressed Lens
(White Shade)

D10
110-277V AC
Dims to 10%
Tested Dimmers: Lutron Diva-Dvtv, Leviton IP-710-DL.

D01
110-277V AC
Dim to 1%

DIMENSIONS



0.48"(Wall to fixture)

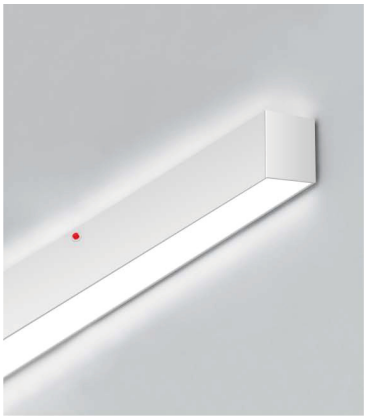
NSWW4 Wall™

LOCATION:
DATE:
FIXTURE TYPE:
PROJECT NAME:

OPTIONAL FUNCTION

Emergency Option

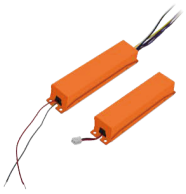
NEXT Lighting offers UL& CEC Listed LED emergency drivers. They could be factory installed or field installed. When AC power fails it, immediately switches to the emergency mode operating for lighting minimum 90 minutes. When AC power is restored it, automatically returns to the charging mode which meets critical life-safety lighting requirements.



EMI

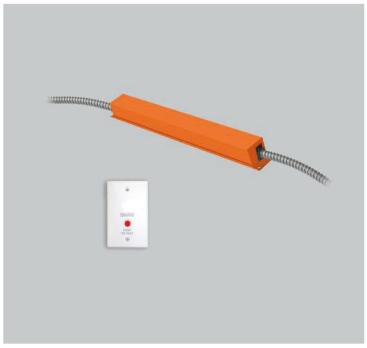
Built-in LED emergency driver

OKT Lighting offers the LED luminaire with built-in 8w LED emergency driver to provide critical illumination when normal power fails for any reason. It can save your labor cost with simple wiring.



Specification For LED Emergency Driver

Output Power	8 Watts
Output Voltage	20-54V DC
Input Current	70 mA Max (120V)
Input Power	4.5 Watts Max (120V)
Input Voltage	110-277VAC, 50-60Hz
Emergency Operation	≥ 90 Minutes
Standby Power	＜0.4W
Operating Temp	0℃ to 50℃
Battery	Lithium
Recharge	24 Hrs
Certificate	UL , CEC



EME

Order Separated LED emergency driver

Optional 16w or 25w high voltage LED emergency driver can be provided if you need and do it wiring in field. For more info or spec sheet please visit our, website or contact sales.

Features:

- Field-installable (UL Listed for US & Canada).
- Energy-efficient charger (CEC Title 20 compliant).
- Premium battery backup – 90+ minutes runtime during outages.
- Backed by a 5-Year Limited Warranty.
- Supports most LED luminaires (Up to 200W).
- Universal input voltage (100–277V AC).
- Automatic self-diagnostic testing with monthly, semi-annual, and annual checkups.

NSWW4 Wall™

LOCATION:
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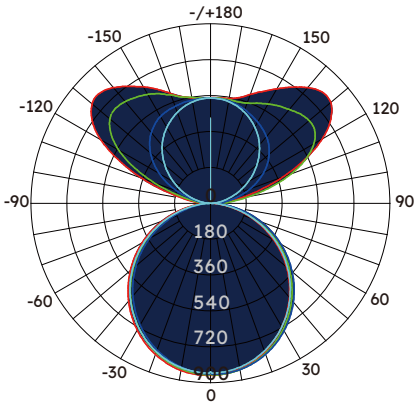
FIXTURE TYPE:
PROJECT NAME:

DISTRIBUTION DIAGRAM

4'/ Diffuser/50% Up,50% Down/ 4000K



AVERAGE BEAM ANGLE(50%): 360.0

Lumens: 4739.1 Lm
Watts: 40 W
LPW: 118.48 Lm/W
CCT: 4000K

UNIT cd
C0/180, 360°
C30/270, 360°
C60/240, 360°
C90/270, 360°

Zonal Flux Diagram

γ	C0	C45	C90	C135	C180
5	857.7	858.1	847.3	841.0	861.4
10	844.1	849.1	835.1	821.8	851.1
15	822.1	831.6	815.6	795.4	833.5
20	792.8	807.2	788.8	762.5	807.4
25	757.1	775.5	755.5	723.0	774.6
30	716.2	737.2	715.9	677.7	735.6
35	667.9	693.4	670.2	627.5	690.3
40	616.1	644.0	619.9	572.8	639.9
45	559.4	589.1	564.3	513.7	585.0
50	499.2	530.9	505.0	451.3	525.8
55	434.1	468.3	441.5	385.1	462.7
60	365.3	402.1	374.7	315.6	395.8
65	295.4	332.9	305.0	244.5	326.8
70	224.4	260.6	232.0	174.7	254.3
75	154.3	189.1	161.3	108.6	184.1
80	90.07	120.5	95.53	51.77	117.0
85	36.95	60.98	41.01	10.68	58.12
90	39.69	49.44	5.334	21.91	41.89
95	85.06	88.27	21.25	52.16	75.79
100	151.2	163.7	51.22	102.9	136.5
105	253.3	249.8	89.41	186.2	230.4
110	384.4	328.2	131.1	278.8	362.9
115	522.2	393.5	175.2	367.8	502.4
120	647.4	443.0	219.3	441.8	634.5
125	736.9	476.4	263.0	496.2	724.5
130	787.6	497.4	305.2	530.7	775.5
135	790.8	509.9	345.3	550.9	783.9
140	758.4	518.4	382.3	561.8	757.7
145	711.4	519.9	415.5	567.2	716.9
150	663.4	517.6	443.7	564.1	675.3
155	619.4	514.2	468.7	554.3	630.8
160	581.3	514.0	489.8	540.6	586.6
165	549.4	519.6	506.9	535.1	554.4
170	534.3	524.9	518.7	530.1	537.2
175	531.2	528.0	526.1	528.6	529.6
180	529.9	529.8	529.8	529.8	529.9
DEG	LUMINOUS INTENSITY:cd				

Zonal Lumens

γ	φ total
0-5	20.42
5-10	80.98
10-15	179.6
15-20	312.7
20-25	475.8
25-30	663.4
30-35	869.1
35-40	1086
40-45	1307
45-50	1525
50-55	1733
55-60	1924
60-65	2092
65-70	2230
70-75	2336
75-80	2408
80-85	2448
85-90	2466
90-95	2489
95-100	2533
100-105	2611
105-110	2730
110-115	2888
115-120	3081
120-125	3295
125-130	3517
130-135	3735
135-140	3940
140-145	4125
145-150	4287
150-155	4426
155-160	4539
160-165	4626
165-170	4689
170-175	4726
175-180	4739
UNIT: lm	

Luminance cd/(m2)

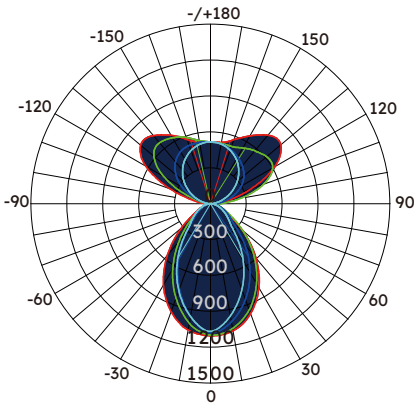
G(DEG)	C0/180	C90/270
85	5888	6535
80	7204	7641
75	8283	8654
70	9112	9422
65	9708	10024
60	10148	10409
55	10512	10690
50	10787	10912
45	10988	11085

NSWW4 Wall™

LOCATION:
DATE:
FIXTURE TYPE:
PROJECT NAME:

DISTRIBUTION DIAGRAM

4'/Louver/50% Up,50% Down/ 4000K



AVERAGE BEAM ANGLE(50%): 191.7

Lumens: 3865.5 Lm
Watts: 40 W
LPW: 96.64 Lm/W
CCT: 4000K

UNIT cd
C0/180, 324.8°
C30/270, 314.8°
C60/240, 65.6°
C90/270, 61.7°

Zonal Flux Diagram

γ	C0	C45	C90	C135	C180
5	1100	1077	1028	1015	1096
10	1080	1035	954.1	927.2	1072
15	1041	977.1	866.4	828.8	1028
20	979.0	906.2	768.3	723.1	961.9
25	903.0	823.8	661.9	612.2	881.6
30	812.0	730.3	548.8	499.4	787.4
35	706.6	628.1	432.8	390.0	679.1
40	591.3	522.4	316.4	290.5	560.6
45	471.1	417.4	235.2	206.1	439.0
50	351.7	316.7	194.1	152.0	319.5
55	244.0	231.3	158.3	115.4	215.3
60	160.0	176.7	126.5	85.60	138.9
65	117.8	138.1	98.45	60.39	105.0
70	83.27	105.6	73.47	38.44	73.07
75	55.29	77.53	51.06	19.18	46.75
80	32.44	53.30	31.05	2.405	25.50
85	13.97	49.71	13.08	0.4994	7.709
90	29.54	66.04	1.446	0.4677	28.35
95	70.36	110.9	14.68	27.90	68.82
100	133.0	190.9	43.89	68.63	129.1
105	228.5	270.2	80.50	137.4	223.0
110	355.3	337.7	121.1	230.3	353.8
115	492.0	391.6	164.4	234.5	492.5
120	619.5	430.1	208.1	409.1	623.0
125	713.4	455.4	251.6	474.8	712.6
130	768.4	471.2	292.9	520.3	762.4
135	777.3	482.8	332.0	546.0	769.7
140	748.7	488.8	368.7	559.9	743.5
145	702.6	489.1	402.4	567.3	703.2
150	654.4	489.0	431.7	567.4	661.0
155	609.5	490.4	456.6	557.6	615.5
160	570.4	497.4	477.9	544.6	571.4
165	537.7	505.0	495.6	530.6	539.5
170	521.3	510.4	508.1	524.3	523.3
175	517.3	513.0	515.4	517.9	516.2
180	516.7	516.6	516.5	516.6	516.7
DEG	LUMINOUS INTENSITY:cd				

Zonal Lumens

γ	φ total
0-5	25.57
5-10	99.25
10-15	214.1
15-20	361.0
20-25	529.2
25-30	707.3
30-35	883.4
35-40	1047
40-45	1189
45-50	1308
50-55	1405
55-60	1483
60-65	1543
65-70	1590
70-75	1624
75-80	1647
80-85	1660
85-90	1672
90-95	1692
95-100	1734
100-105	1808
105-110	1919
110-115	2069
115-120	2252
120-125	2457
125-130	2672
130-135	2883
135-140	3082
140-145	3263
145-150	3422
150-155	3558
155-160	3669
160-165	3755
165-170	3816
170-175	3853
175-180	3866
UNIT: lm	

Luminance cd/(m2)

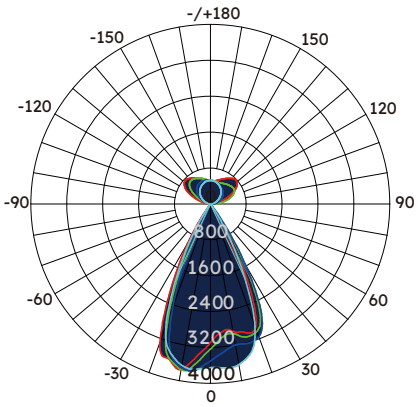
G(DEG)	C0/180	C90/270
85	2227	2085
80	2595	2483
75	2967	2740
70	3381	2983
65	3871	3236
60	4444	3513
55	5907	3834
50	7599	4195
45	9253	4620

NSWW4 Wall™

LOCATION:
DATE:
FIXTURE TYPE:
PROJECT NAME:

DISTRIBUTION DIAGRAM

4'/Micro Reflector/50% Up,50% Down/4000K



AVERAGE BEAM ANGLE(50%): 51.1

Lumens: 4530.0 Lm
Watts: 40 W
LPW: 113.25 Lm/W
CCT: 4000K

UNIT cd
C0/180, 51.8°
C30/270, 51.9°
C60/240, 51.1°
C90/270, 49.5°

Zonal Flux Diagram

γ	C0	C45	C90	C135	C180
5	2868	3126	3668	3715	3397
10	2880	3036	3634	3615	3745
15	2965	3158	3455	2948	3584
20	2939	3141	2911	1757	3294
25	2099	2754	1812	787.4	2093
30	819.2	1675	767.6	84.95	1038
35	57.67	519.7	112.1	5.340	215.8
40	5.200	38.70	6.196	3.696	5.573
45	3.849	4.987	2.988	2.833	3.959
50	2.820	3.517	1.928	1.993	3.010
55	2.048	2.444	1.189	1.486	2.168
60	1.700	1.590	0.8656	1.277	1.783
65	1.470	1.073	0.7377	1.168	1.502
70	1.244	0.8401	0.6042	0.9728	1.231
75	0.9286	0.6696	0.5020	0.8287	0.9745
80	0.6716	0.5905	0.3831	0.7114	0.7084
85	0.5373	29.27	0.2523	0.4937	0.5233
90	30.98	71.66	0.2141	0.0995	29.17
95	75.71	141.9	15.05	24.16	67.03
100	142.1	225.0	44.13	62.52	127.1
105	242.7	301.3	80.91	126.9	220.4
110	372.9	363.9	121.7	217.7	351.7
115	510.1	410.7	165.2	310.7	490.8
120	635.7	442.3	209.3	395.6	622.1
125	724.8	462.4	252.9	463.4	710.8
130	775.0	475.8	294.3	511.7	761.3
135	779.1	483.6	333.9	540.5	769.3
140	747.9	487.4	371.4	557.4	744.0
145	702.3	487.4	407.0	568.1	704.9
150	655.7	488.6	438.3	571.1	664.9
155	612.7	494.3	464.0	564.6	620.9
160	575.3	503.6	486.8	554.1	577.9
165	544.1	512.1	505.8	540.0	547.0
170	529.8	517.2	519.4	534.1	531.5
175	527.0	523.3	527.4	527.4	525.0
180	526.1	525.7	525.2	525.2	526.1
DEG	LUMINOUS INTENSITY:cd				

Zonal Lumens

γ	φ total
0-5	82.46
5-10	328.5
10-15	726.1
15-20	1229
20-25	1728
25-30	2096
30-35	2265
35-40	2302
40-45	2306
45-50	2307
50-55	2308
55-60	2309
60-65	2310
65-70	2310
70-75	2311
75-80	2311
80-85	2313
85-90	2320
90-95	2342
95-100	2386
100-105	2463
105-110	2576
110-115	2727
115-120	2909
120-125	3113
125-130	3327
130-135	3538
135-140	3737
140-145	3919
145-150	4079
150-155	4216
155-160	4329
160-165	4417
165-170	4480
170-175	4517
175-180	4530
UNIT: lm	

Luminance cd/(m2)

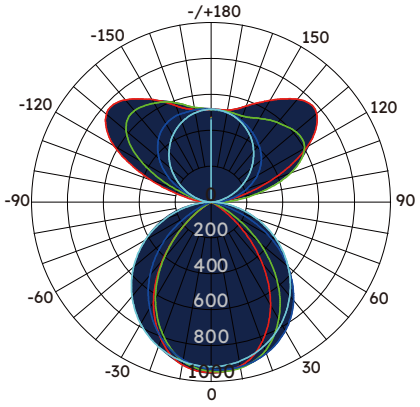
G(DEG)	C0/180	C90/270
85	86	40
80	54	31
75	50	27
70	50	25
65	48	24
60	47	24
55	50	29
50	61	42
45	76	59

NSWW4 Wall™

LOCATION:
DATE:
FIXTURE TYPE:
PROJECT NAME:

DISTRIBUTION DIAGRAM

4'/Regressed Lens/50% Up,50% Down/4000K



AVERAGE BEAM ANGLE(50%): 360.0

Lumens: 4070.6 Lm
Watts: 40 W
LPW: 101.77 Lm/W
CCT: 4000K

UNIT cd
C0/180, 360°
C30/270,360°
C60/240, 360°
C90/270, 360°

Zonal Flux Diagram

γ	C0	C45	C90	C135	C180
5	946.0	943.5	913.4	885.0	943.1
10	928.1	938.5	901.8	838.4	921.2
15	891.1	924.5	882.1	780.3	879.6
20	829.8	899.4	855.9	712.6	814.6
25	753.7	861.8	822.4	634.8	735.7
30	663.4	806.8	781.9	546.8	643.6
35	558.1	738.1	734.7	449.6	536.2
40	442.7	657.8	682.4	347.7	418.9
45	322.4	567.3	623.8	243.4	299.6
50	204.9	466.2	560.3	143.4	181.6
55	101.4	356.7	492.9	60.86	84.70
60	27.77	244.0	420.8	10.84	16.86
65	4.112	135.5	345.9	1.668	4.051
70	2.630	47.83	268.2	1.816	2.600
75	1.706	3.690	190.8	1.167	1.677
80	1.065	1.703	117.4	0.7295	1.033
85	0.7453	18.53	49.22	0.4487	0.6440
90	29.42	53.07	1.509	0.3989	28.29
95	70.27	110.8	14.82	27.83	68.73
100	132.9	190.9	44.10	68.59	129.0
105	228.4	270.2	80.81	137.5	222.8
110	355.1	337.7	121.5	230.3	353.6
115	491.8	391.5	164.9	324.7	492.3
120	619.3	430.1	208.7	409.3	622.8
125	713.2	455.4	252.3	475.1	712.4
130	768.2	471.2	293.6	520.7	762.1
135	777.1	482.9	332.7	546.4	769.5
140	748.5	488.9	369.4	560.2	743.3
145	702.4	489.3	403.0	567.7	703.0
150	654.2	489.1	432.2	567.7	660.9
155	609.3	490.4	457.0	557.9	615.3
160	570.3	497.3	478.0	544.8	571.3
165	537.6	504.9	495.7	530.8	539.4
170	521.2	510.3	508.1	524.4	523.2
175	517.2	512.8	515.3	518.0	516.1
180	516.6	516.4	516.4	516.4	516.6
DEG	LUMINOUS INTENSITY:cd				

Zonal Lumens

γ	φ total
0-5	22.14
5-10	87.59
10-15	193.3
15-20	334.1
20-25	503.1
25-30	691.8
30-35	890.3
35-40	1088
40-45	1275
45-50	1441
50-55	1579
55-60	1686
60-65	1763
65-70	1815
70-75	1846
75-80	1862
80-85	1868
85-90	1875
90-95	1894
95-100	1936
100-105	2010
105-110	2122
110-115	2272
115-120	2455
120-125	2661
125-130	2876
130-135	3087
135-140	3287
140-145	3468
145-150	3627
150-155	3763
155-160	3874
160-165	3960
165-170	4021
170-175	4058
175-180	4071
UNIT: lm	

Luminance cd/(m2)

G(DEG)	C0/180	C90/270
85	119	7843
80	85	9390
75	92	10237
70	107	10891
65	135	11369
60	771	11690
55	2455	11935
50	4427	12107
45	6332	12253