

# 20 Linear Surface

## WG-20LDL-...-OD-W

Delivered Lumens Per Foot

		Power			
		L [3 W/ft]	M [6 W/ft]	H [10 W/ft]	RGBW [7.6 W/ft]
CCT	927	176	352	617	-
	930	192	383	670	-
	935	227	455	796	-
	940	270	540	946	-
	WD <sup>2</sup>	135	280	405	-
	RGBW <sup>3</sup>	-	-	-	229
UGR <sup>4</sup>		26.7	29.3	31.1	-

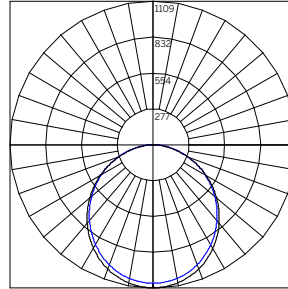
		Power			
		PO [1.5 W/ft]	P1 [3 W/ft]	P2 [6 W/ft]	P3 [10 W/ft]
CCT	TW1840 <sup>5</sup>	176	352	617	-
	TW2765 <sup>5</sup>	192	383	670	-

## WG-20LDL-...-MPL-W

Delivered Lumens Per Foot

		Power			
		L [3 W/ft]	M [6 W/ft]	H [10 W/ft]	RGBW [7.6 W/ft]
CCT	927	209	418	731	-
	930	227	454	795	-
	935	270	540	944	-
	940	321	641	1122	-
	WD <sup>2</sup>	160	332	480	-
	RGBW <sup>3</sup>	-	-	-	272
UGR <sup>4</sup>		26.7	29.3	31.1	-

		Power			
		PO [1.5 W/ft]	P1 [3 W/ft]	P2 [6 W/ft]	P3 [10 W/ft]
CCT	TW1840 <sup>5</sup>	198	387	718	1105
	TW2765 <sup>5</sup>	198	378	708	1105

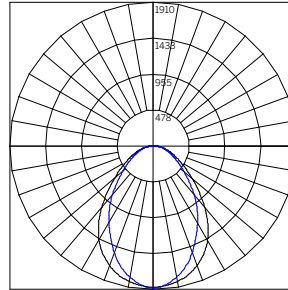


BEAM ANGLE (0-180) = 110.3  
BEAM ANGLE (90-270) = 110.4

## ILLUMINANCE - 48" OD H 3500K

WG-20LDL-...-S-48-H-935-...-OD-W-...<sup>1</sup>

Mounting Height [ft]	Illuminance [fc at max cd]	Beam Width [ft]
2	277	5.7
4	69	11.5
6	31	17.2
8	17	23
10	11	28.7
12	8	34.5
14	6	40.2
16	4	46
18	3	51.7
20	3	57.5



BEAM ANGLE (0-180) = 73.8  
BEAM ANGLE (90-270) = 85.5

## ILLUMINANCE - 48" MPL H 3500K

WG-20LDL-...-S-48-H-935-...-MPL-W-...<sup>1</sup>

Mounting Height [ft]	Illuminance [fc at max cd]	Beam Width [ft]
2	478	3
4	119	6
6	53	9
8	30	12
10	19	15
12	13	18
14	10	21
16	7	24
18	6	27
20	5	30

### Power Multiplier

	L [3 W/ft]	M [6 W/ft]	H [10 W/ft]	RGBW [7.6 W/ft]
9XX/RGBW	0.29	0.57	1.00	0.29
WD	0.17	0.35	0.51	-

### Power Multiplier

	PO [1.5 W/ft]	P1 [3 W/ft]	P2 [6 W/ft]	P3 [10 W/ft]
TW1840	0.21	0.41	0.76	1.17
TW2765	0.21	0.40	0.75	1.17

### CCT Multiplier

	927	930	935	940
	0.77	0.84	1.00	1.19

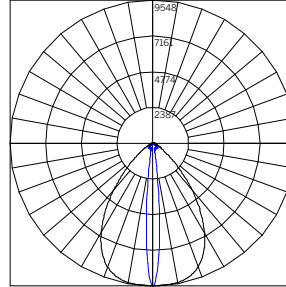
- 1 Polar Plot and Cone of Light are applicable to part number noted; use Multiplication Factor table to approximate other models or refer to online photometry.
- 2 WD lumen data at maximum output (3000K).
- 3 RGBW lumen data at maximum output with 3000K White LED.
- 4 UGR value noted is the maximum UGR (crosswise) with 935 LEDs / 48" length.
- 5 TW lumen data at maximum output (4000K and 6500K, respectively). TW1840 produces approx. 40% less lumens at 1800K; TW2765 produces approx. 5% less lumens at 2700K.

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## WG-20LDL-...-NL16-W Delivered Lumens Per Foot

		Power			
		L [3 W/ft]	M [6 W/ft]	H [10 W/ft]	RGBW [7.6 W/ft]
CCT	927	207	414	725	-
	930	225	450	787	-
	935	267	535	936	-
	940	318	635	1112	-
	WD <sup>2</sup>	158	329	476	-
	RGBW <sup>3</sup>	-	-	-	269
UGR <sup>4</sup>		26.7	29.3	31.1	-

		Power			
		P0 [1.5 W/ft]	P1 [3 W/ft]	P2 [6 W/ft]	P3 [10 W/ft]
CCT	TW1840 <sup>5</sup>	196	384	711	1095
	TW2765 <sup>5</sup>	196	374	702	1095



BEAM ANGLE (0-180) = 10.4  
BEAM ANGLE (90-270) = 75.1

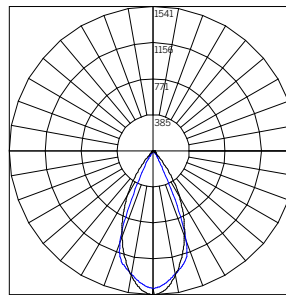
## ILLUMINANCE - 48" NL16 H 3500K WG-20LDL-...-S-48-H-935-...-NL16-W-...<sup>1</sup>

Mounting Height [ft]	Illuminance [fc at max cd]	Beam Width [ft]
2	2387	0.4
4	597	0.7
6	265	1.1
8	149	1.5
10	95	1.8
12	66	2.2
14	49	2.6
16	37	2.9
18	29	3.3
20	24	3.7

## WG-20LDL-...-LL45B-W Delivered Lumens Per Foot

		Power			
		L [3 W/ft]	M [6 W/ft]	H [10 W/ft]	RGBW [7.6 W/ft]
CCT	927	53	107	187	-
	930	58	116	203	-
	935	69	138	241	-
	940	82	164	287	-
	WD <sup>2</sup>	41	85	123	-
	RGBW <sup>3</sup>	-	-	-	69
UGR <sup>4</sup>		26.7	29.3	31.1	-

		Power			
		P0 [1.5 W/ft]	P1 [3 W/ft]	P2 [6 W/ft]	P3 [10 W/ft]
CCT	TW1840 <sup>5</sup>	51	99	184	283
	TW2765 <sup>5</sup>	51	97	181	283



BEAM ANGLE (0-180) = 45.3  
BEAM ANGLE (90-270) = 49.7

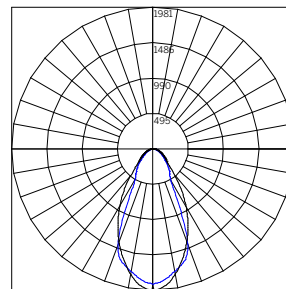
## ILLUMINANCE - 48" LL45B H 3500K WG-20LDL-...-S-48-H-935-...-LL45B-W-...<sup>1</sup>

Mounting Height [ft]	Illuminance [fc at max cd]	Beam Width [ft]
2	385	1.7
4	96	3.3
6	43	5
8	24	6.7
10	15	8.4
12	11	10
14	8	11.7
16	6	13.4
18	5	15
20	4	16.7

## WG-20LDL-...-LL45W-W Delivered Lumens Per Foot

		Power			
		L [3 W/ft]	M [6 W/ft]	H [10 W/ft]	RGBW [7.6 W/ft]
CCT	927	115	229	402	-
	930	125	250	437	-
	935	148	297	519	-
	940	176	352	616	-
	WD <sup>2</sup>	88	183	264	-
	RGBW <sup>3</sup>	-	-	-	149
UGR <sup>4</sup>		26.7	29.3	31.1	-

		Power			
		P0 [1.5 W/ft]	P1 [3 W/ft]	P2 [6 W/ft]	P3 [10 W/ft]
CCT	TW1840 <sup>5</sup>	109	213	394	607
	TW2765 <sup>5</sup>	109	208	389	607



BEAM ANGLE (0-180) = 48.1  
BEAM ANGLE (90-270) = 57.3

## ILLUMINANCE - 48" LL45W H 3500K WG-20LDL-...-S-48-H-935-...-LL45W-W-...<sup>1</sup>

Mounting Height [ft]	Illuminance [fc at max cd]	Beam Width [ft]
2	495	1.8
4	124	3.6
6	55	5.4
8	31	7.1
10	20	8.9
12	14	10.7
14	10	12.5
16	8	14.3
18	6	16.1
20	5	17.9

Power Multiplier				
	L [3 W/ft]	M [6 W/ft]	H [10 W/ft]	RGBW [7.6 W/ft]
9XX/RGBW	0.29	0.57	1.00	0.29
WD	0.17	0.35	0.51	-

Power Multiplier				
	P0 [1.5 W/ft]	P1 [3 W/ft]	P2 [6 W/ft]	P3 [10 W/ft]
TW1840	0.21	0.41	0.76	1.17
TW2765	0.21	0.40	0.75	1.17

CCT Multiplier				
	927	930	935	940
	0.77	0.84	1.00	1.19

- 1 Polar Plot and Cone of Light are applicable to part number noted; use Multiplication Factor table to approximate other models or refer to online photometry.
- 2 WD lumen data at maximum output (3000K).
- 3 RGBW lumen data at maximum output with 3000K White LED.
- 4 UGR value noted is the maximum UGR (crosswise) with 935 LEDs / 48" length.
- 5 TW lumen data at maximum output (4000K and 6500K, respectively). TW1840 produces approx. 40% less lumens at 1800K; TW2765 produces approx. 5% less lumens at 2700K.

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## WG-20LDL-...-BDO-W

Delivered Lumens Per Foot

		Power			
		L [3 W/ft]	M [6 W/ft]	H [10 W/ft]	RGBW [7.6 W/ft]
CCT	927	219	438	767	-
	930	239	477	834	-
	935	283	566	991	-
	940	336	673	1177	-
	WD <sup>2</sup>	168	349	504	-
	RGBW <sup>3</sup>	-	-	-	285
UGR <sup>4</sup>		26.7	29.3	31.1	-

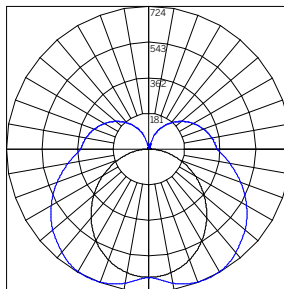
		Power			
		PO [1.5 W/ft]	P1 [3 W/ft]	P2 [6 W/ft]	P3 [10 W/ft]
CCT	TW1840 <sup>5</sup>	208	406	753	1159
	TW2765 <sup>5</sup>	208	396	743	1159

## WG-20LDL-...-ROD-W

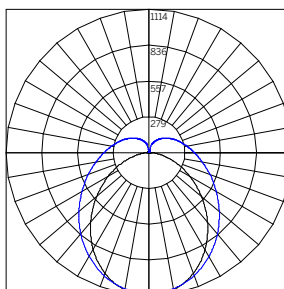
Delivered Lumens Per Foot

		Power			
		L [3 W/ft]	M [6 W/ft]	H [10 W/ft]	RGBW [7.6 W/ft]
CCT	927	248	497	870	-
	930	271	540	945	-
	935	321	642	1123	-
	940	381	763	1335	-
	WD <sup>2</sup>	190	395	571	-
	RGBW <sup>3</sup>	-	-	-	323
UGR <sup>4</sup>		26.7	29.3	31.1	-

		Power			
		PO [1.5 W/ft]	P1 [3 W/ft]	P2 [6 W/ft]	P3 [10 W/ft]
CCT	TW1840 <sup>5</sup>	236	461	854	1314
	TW2765 <sup>5</sup>	236	449	842	1314



BEAM ANGLE (0-180) = 174.7  
BEAM ANGLE (90-270) = 107.8



BEAM ANGLE (0-180) = 97.2  
BEAM ANGLE (90-270) = 130.1

## ILLUMINANCE - 48" BDO H 3500K

### WG-20LDL-...-S-48-H-935-...-BDO-W-...<sup>1</sup>

Mounting Height [ft]	Illuminance [fc at max cd]	Beam Width [ft]
2	181	86.3
4	45	172.5
6	20	258.8
8	11	345
10	7	431.3
12	5	517.6
14	4	603.8
16	3	690.1
18	2	776.3
20	2	862.6

## ILLUMINANCE - 48" ROD H 3500K

### WG-20LDL-...-S-48-H-935-...-ROD-W-...<sup>1</sup>

Mounting Height [ft]	Illuminance [fc at max cd]	Beam Width [ft]
2	279	4.5
4	70	9.1
6	31	13.6
8	17	18.2
10	11	22.7
12	8	27.2
14	6	31.8
16	4	36.3
18	3	40.8
20	3	45.4

Power Multiplier				
	L [3 W/ft]	M [6 W/ft]	H [10 W/ft]	RGBW [7.6 W/ft]
9XX/RGBW	0.29	0.57	1.00	0.29
WD	0.17	0.35	0.51	-

Power Multiplier				
	PO [1.5 W/ft]	P1 [3 W/ft]	P2 [6 W/ft]	P3 [10 W/ft]
TW1840	0.21	0.41	0.76	1.17
TW2765	0.21	0.40	0.75	1.17

CCT Multiplier				
	927	930	935	940
	0.77	0.84	1.00	1.19

- 1 Polar Plot and Cone of Light are applicable to part number noted; use Multiplication Factor table to approximate other models or refer to online photometry.
- 2 WD lumen data at maximum output (3000K).
- 3 RGBW lumen data at maximum output with 3000K White LED.
- 4 UGR value noted is the maximum UGR (crosswise) with 935 LEDs / 48" length.
- 5 TW lumen data at maximum output (4000K and 6500K, respectively). TW1840 produces approx. 40% less lumens at 1800K; TW2765 produces approx. 5% less lumens at 2700K.