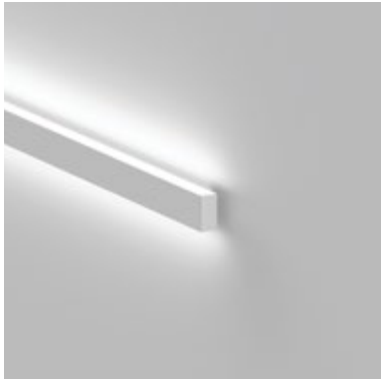
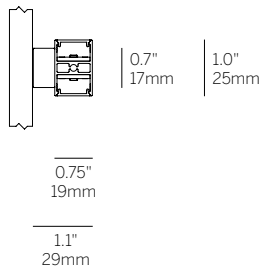


# 20 Linear Direct/Indirect Surface Wall Mount



Ordering Information					Direct		Indirect				
Model	Fixation	Pattern	Length	CRI/ CCT <sup>2</sup>	Power <sup>3</sup>	Lens	Power <sup>3</sup>	Lens	Driver <sup>4</sup>	Finish <sup>6</sup>	Options
WG-20LDI direct/indirect	SW	S PI <sup>1</sup> PO <sup>1</sup>	A A x B A x B x C A x B x A x B	927 930 935 940 WD RGBW	L M H	OD (std) MPL NL16 LL45B <sup>5</sup> LL45W <sup>5</sup> LL45S <sup>5</sup>	L M H	OD (std) SD	X S D010 L3DAE L3DOE DFPN EL96 DMX	W (std) B S F	DC EM



## Luminaire

- Wall mounted fixture with minimal housing for continuous mounting to any desired length (1/4" increments).
- Multiple lenses and louvers for general, accent, decorative and grazing applications.
- Remote driver options (required). Field replaceable LED boards.
- Lengths and angles factory cut to exact field dimensions.
- 90+ CRI, 3 steps MacAdam.
- L70 (TM21 Projected 85C) Static White 60,000 hours, RGBW 50,000 hours, WD 36,000 hours.
- ETL and ETL-C for dry and damp location.

## Fixation

- SW = Surface Wall Mount

## Pattern

- S = Straight run
- PI = Standard patterns 2, 3 or 4 sided with 90° inside corners on the same plane<sup>1</sup>
- PO = Standard patterns 2, 3 or 4 sided with 90° outside corners on the same plane<sup>1</sup>

## Length

- A, B, C = specify inches to the nearest 0.25" (i.e. 72.25") For patterns specify each length (i.e. 2 sided: A x B = 72.25" x 48"; 3 sided: A x B x C; 4 sided: A x B x A x B)

## CRI/CCT (90+ CRI)<sup>3</sup>

- 927 = 2700K
- 930 = 3000K
- 935 = 3500K
- 940 = 4000K
- WD = Warm Dimming 1800 - 3000K
- RGBW = 3000K White (M power only)

## Power<sup>2</sup>

- L = 3W/ft low power (WD 2.7 W/ft) (24V)
- M = 6W/ft mid power (WD 5.5 W/ft) (24V) (RGBW - 7.6W/ft)
- H = 10W/ft high power (WD 8 W/ft) (24V)

## Driver (Remote)<sup>4</sup>

- X = No driver, ordered separately
- S = Standard driver 120-277V
- D010 = Osram, 10%, 0-10V dimming, 120-277V
- L3DAE = Lutron Hi-lume 1% EcoSystem, 120-277V
- L3DOE = Lutron Hi-lume Premier 0.1 EcoSystem, 120-277V
- DFPN = Lutron Forward Phase 1% 120VAC
- EL96 = Osram / EldoLED, 24V, 0.1% 0-10V Dimming
- DMX = Osram / EldoLED, 24V, 0.1% DMX Dimming

## Lens

- OD = Satin opal diffuser (standard)
- SD = Satin clear diffuser
- MPL = Micro-prismatic lens
- NL16 = Linear narrow lens, 16°
- LL45B = Linear louver black<sup>5</sup>
- LL45W = Linear louver white<sup>5</sup>
- LL45S = Linear louver satin<sup>5</sup>

## Finish<sup>6</sup>

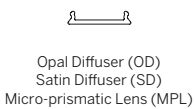
- W = White, 15% gloss, Tiger Drylac 49/11350 (standard)
- B = Black, 15% gloss, Tiger Drylac 44/90053
- S = Silver, 15% gloss, Tiger Drylac 49/90500
- F = Custom finished trim, specify RAL

## Options

- DC = dual circuit
- EM = Emergency LED driver (remote only)

- See pattern specsheet.
- When specifying 20LDI please specify CRI / CCT and Driver for Direct and Indirect if different CRI/ CCT / Driver is needed, i.e. 930-M-OD-D010-RGBW-M-SD-DMX. See photometric data sheet for delivered lumens.
- Wattage is shown for LED boards only, system wattage varies depending on driver selected. Maximum combined wattage for Direct + Indirect shall not exceed 13 W/ft.
- Remote power supply required. See power supply page for details.
- Louver available in 4.75" increments, straight runs only.
- See Tiger Drylac color chart: [inter-lux.com/tiger](http://inter-lux.com/tiger)

## Lenses/Accessories

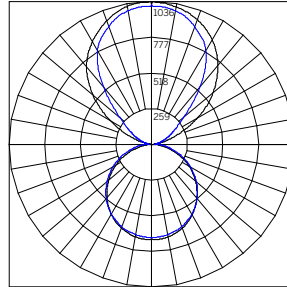


# 20 Linear Direct/Indirect Surface Wall Mount

## WG-20LDI-...-M-OD-M-SD-...-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	419	838	-	-
	930	456	911	-	-
	935	540	1082	-	-
	940	643	1285	-	-
	WD <sup>2</sup>	160	333	482	-
	RGBW <sup>3</sup>	-	-	-	272
UGR <sup>4</sup>		24.3	26.8	-	-
Fixture Efficiency = 69%			Lumens Per Watt = 80		



BEAM ANGLE (0-180) = 82.8  
BEAM ANGLE (90-270) = 106.8

## ILLUMINANCE - 48" OD|SD M 3500

WG-20LDI-...-S-48"-935-M-OD-M-SD-...-W-...<sup>1</sup>

Mounting Height [ft]	Illuminance [fc at max cd]	Beam Width [ft]
2	259	3.5
4	65	7.1
6	29	10.6
8	16	14.1
10	10	17.6
12	7	21.2
14	5	24.7
16	4	28.2
18	3	31.7
20	3	35.3

## Power Multiplier

	L [3 W/ft]	M [6 W/ft]	H [10 W/ft]	RGBW [7.6 W/ft]
9XX/RGBW	0.5	1.00	-	-
WD	0.30	0.62	-	-

## CCT Multiplier

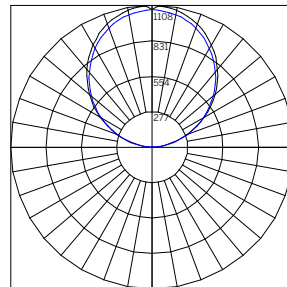
	927	930	935	940
	0.77	0.84	1.00	1.19

- 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.

## WG-20LI-...-X-XX-...-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>		-	-	-	-
Fixture Efficiency = 58%			Lumens Per Watt = 64		



BEAM ANGLE (0-180) = 110.1  
BEAM ANGLE (90-270) = 110.1

## ILLUMINANCE - 48" OD H 3500K

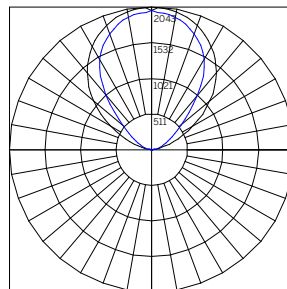
WG-20LI-...-S-48-935-X-XX-H-OD-...-W-...<sup>1</sup>

Offset Distance [ft]	Illuminance [fc at max cd]	Beam Width [ft]
2	277	5.7
4	69	11.4
6	31	17.2
8	17	22.9
10	11	28.6
12	8	34.3
14	6	40.1
16	4	45.8
18	3	51.5
20	3	57.2

## WG-20LI-...-X-XX-...-SD-...-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	495	867	-
	930	270	538	942	-
	935	319	640	1119	-
	940	380	760	1330	-
	WD <sup>2</sup>	190	394	569	-
	RGBW <sup>3</sup>	-	-	-	322
UGR <sup>4</sup>		-	-	-	-
Fixture Efficiency = 82%			Lumens Per Watt = 89		



BEAM ANGLE (0-180) = 80.2  
BEAM ANGLE (90-270) = 100.7

## ILLUMINANCE - 48" SD H 3500K

WG-20LI-...-S-48-935-X-XX-H-SD-...-W-...<sup>1</sup>

Offset Distance [ft]	Illuminance [fc at max cd]	Beam Width [ft]
2	511	3.4
4	128	6.7
6	57	10.1
8	32	13.5
10	20	16.8
12	14	20.2
14	10	23.6
16	8	26.9
18	6	30.3
20	5	33.7

## 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	-

## CCT Multiplier

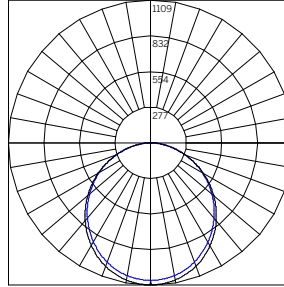
	927	930	935	940
	0.77	0.84	1.00	1.19

- 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.

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## WG-20LD-...-OD-X-XX-...-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	-
Fixture Efficiency = 58%		Lumens Per Watt = 64			



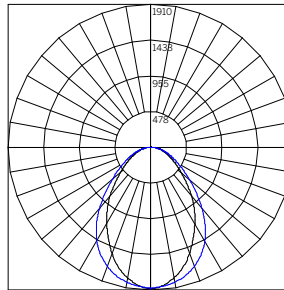
BEAM ANGLE (0-180) = 110.3  
BEAM ANGLE (90-270) = 110.4

## ILLUMINANCE - 48" OD H 3500K WG-20LD-...-S-48-935-H-OD-X-XX-...-W...<sup>1</sup>

Mounting Height [ft]	Illuminance [fc at max cd]	Beam Width [ft]
2	227	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

## WG-20LD-...-MPL-X-XX-...-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>		26.3	28.9	30.7	-
Fixture Efficiency = 69%		Lumens Per Watt = 72			



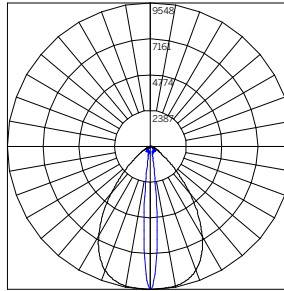
BEAM ANGLE (0-180) = 85.5  
BEAM ANGLE (90-270) = 73.8

## ILLUMINANCE - 48" MPL H 3500K WG-20LD-...-S-48-935-H-MPL-X-XX-...-W...<sup>1</sup>

Mounting Height [ft]	Illuminance [fc at max cd]	Beam Width [ft]
2	478	3.7
4	119	7.4
6	53	11.1
8	30	14.8
10	19	18.5
12	13	22.2
14	10	25.9
16	7	29.6
18	6	33.3
20	5	37

## WG-20LD-...-NL16-X-XX-...-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>		17.8	20.3	22.1	-
Fixture Efficiency = 68%		Lumens Per Watt = 75			



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

## ILLUMINANCE - 48" NL16 H 3500K WG-20LD-...-S-48-935-H-NL16-X-XX-...-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	39	3.3
20	24	3.7

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	-

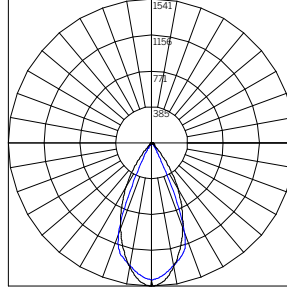
CCT Multiplier				
	927	930	935	940
	0.77	0.84	1.00	1.19

- 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.

# 20 Linear Direct/Indirect Surface Wall Mount

## WG-20LD-...-LL45B-X-XX-...-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>	0.0	0.0	0.0	-
Fixture Efficiency = 18%		Lumens Per Watt = 19			



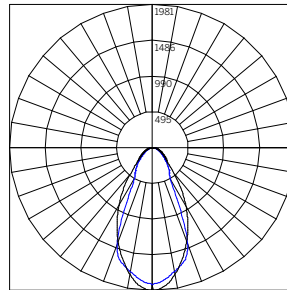
BEAM ANGLE (0-180) = 45.3  
BEAM ANGLE (90-270) = 49.7

## ILLUMINANCE - 48" LL45B H 3500K WG-20LD-...-S-48-935-H-LL45B-X-XX-...-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-20LD-...-LL45W-X-XX-...-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>	21.6	24.1	25	-
Fixture Efficiency = 38%		Lumens Per Watt = 42			



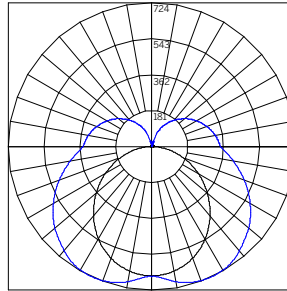
BEAM ANGLE (0-180) = 48.1  
BEAM ANGLE (90-270) = 57.3

## ILLUMINANCE - 48" LL45W H 3500K WG-20LD-...-S-48-935-H-LL45W-X-XX-...-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

## WG-20LD-...-BD-X-XX-...-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>	31.5	34	35.8	-
Fixture Efficiency = 72%		Lumens Per Watt = 75			



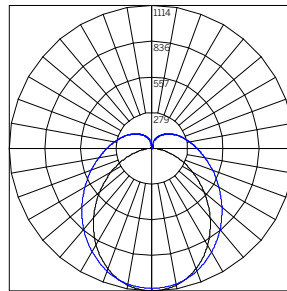
BEAM ANGLE (0-180) = 174.7  
BEAM ANGLE (90-270) = 107.8

## ILLUMINANCE - 48" BD H 3500K WG-20LD-...-S-48-935-H-BD-X-XX-...-W...<sup>1</sup>

Mounting Height [ft]	Illuminance [fc at max cd]	Beam Width [ft]
2	181	86.4
4	45	172.8
6	20	259.3
8	11	345.7
10	7	432.1
12	5	518.5
14	4	605
16	3	691.4
18	2	777.8
20	2	864.2

## WG-20LD-...-ROD-X-XX-...-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>	30.8	33.4	35.2	-
Fixture Efficiency = 82%		Lumens Per Watt = 90			



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

## ILLUMINANCE - 48" ROD H 3500K WG-20LD-...-S-48-935-H-ROD-X-XX-...-W...<sup>1</sup>

Mounting Height [ft]	Illuminance [fc at max cd]	Beam Width [ft]
2	279	8.6
4	70	17.2
6	31	25.8
8	17	34.4
10	11	43
12	8	51.6
14	6	60.2
16	4	68.8
18	3	77.4
20	3	86

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	-
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.