

ProTools 60 Linear Perimeter Recessed

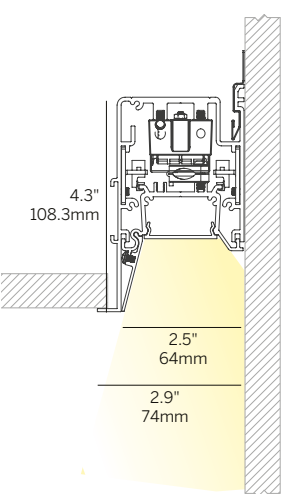


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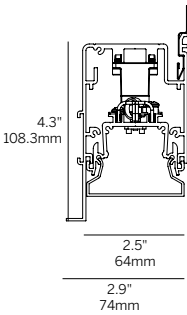


A continuous linear system that delivers even illumination to a wall from above the finished ceiling to illuminate a space and define vertical surfaces.

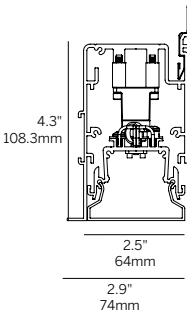
- 2.4" aperture, integrated solution that is compatible with all ceiling types.
- Standard and tailored run lengths, including corners. *Soft Graze* option to vary light center from the wall.
- Evenly illuminated perimeter lighting system with recessed optics minimizes brightness.
- Consistent LED technology throughout the Whitegoods product range.
- Easy to install housing allows the wall to continue above the finished ceiling.
- Flexible design allows exact wall-to-wall dimensions.
- Flicker-free full range dimming with standard driver (eldoLED).
- Efficacy up to 110 LPW (RML) | 152 LPW (RLW / RLB) | 140 LPW (REO) (delivered) @ 3000K, see photometry page for details.
- L70 (TM21 Projected 85C) Static White / Tunable White = 50,000 hours.
- ETL and ETL-C for dry and damp location.



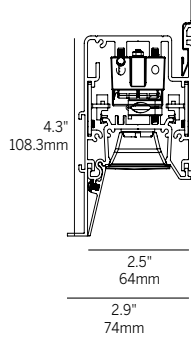
Recessed Micro-prismatic Lens (RML) / Recessed Satin Opal Lens (RSL)



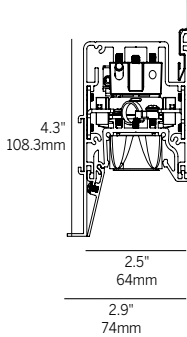
Recessed opal lens (ROL)



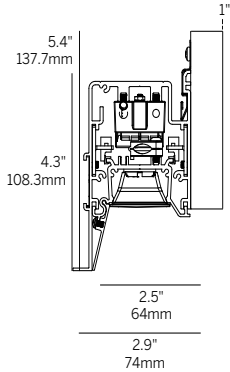
Flush opal lens (FOL)



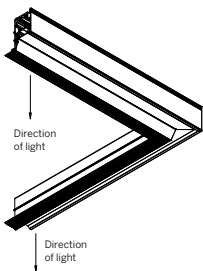
Recessed Louver (RLW, RLB)



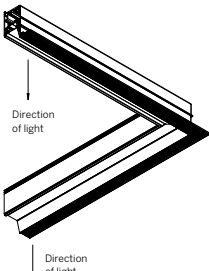
Recessed Elliptical Optic (REO)



Soft Graze: 1" 2" 3" (SG1, SG2, SG3)



Pattern Inside (PI)



Pattern Outside (PO)

Contents

- 1 overview
- 2 specifications / configurator
- 3 photometry



Regressed Lens



Recessed Louver

Plaster Trim Cutout
Width: 3 1/8" / Length: fixture length + 1/2"
Ex: 96" fixture = 96 1/2" cutout length
Bezel Trim Cutout
Width: 2 11/16" / Length: fixture length + 1/8"
Ex: 96" fixture = 96 1/8" cutout length
Add 1", 2" or 3" to cut out width if 60PTLPSG is specified.

ProTools 60 Linear Perimeter Recessed

Ordering Information

Model	Fixation	Pattern	Length ²	CRI/CCT	Optic	Beam	Power ⁵	Driver ⁶	Housing Finish	Reflector Finish	Options
WG-60PTLP WG-60PTLPSG1 WG-60PTLPSG2 WG-60PTLPSG3	RPT RBT RGT9 RGT15	S PI ¹ PO ¹	24 48 96 XX ³	927 930 935 940 TW1840 ⁴ TW2765 ⁴	RML RSL ROL FOL RLW RLB REO	80 105 35 50 20x40	P1 P2 P3 P4	E1 L1 D2DT6 D2DT8	W (std) B S F	W (std) B S F	AWNRF BT CP EM NYC TF

Model

- WG-60PTLP = ProTools 60 Linear Perimeter
- WG-60PTLPSG1 = ProTools 60 Linear Perimeter *Soft Graze* 1" extension
- WG-60PTLPSG2 = ProTools 60 Linear Perimeter *Soft Graze* 2" extension
- WG-60PTLPSG3 = ProTools 60 Linear Perimeter *Soft Graze* 3" extension

Fixation

- RPT = Recessed plaster trim
- RBT = Recessed bezel trim
- RGT9 = Recessed grid trim 9/16"
- RGT15 = Recessed grid trim 15/16"

Pattern

- S = Straight run
- PI = Standard patterns 2, 3, or 4 sided with 90° inside corners on the same plane¹
- PO = Standard patterns 2, 3 or 4 sided with 90° outside corners on the same plane¹

Length

- 24 = 24"
- 48 = 48"
- 96 = 96"
- XX = Specify inches to the nearest 0.25"³

CRI / CCT (90+ CRI minimum)³

- 927 = 2700K
- 930 = 3000K
- 935 = 3500K
- 940 = 4000K
- TW1840 = Tunable white 1800K - 4000K⁴
- TW2765 = Tunable white 2700K - 6500K⁴

Beam

- RML = Recessed micro-prismatic lens
- RSL = Recessed satin opal lens
- ROL = Regressed opal lens (N/A with *Soft Graze*)
- FOL = Flush opal lens (N/A with *Soft Graze*)
- RLW = Recessed louver white (supplied with white reflectors standard)
- RLB = Recessed louver black (supplied with black reflectors standard)
- REO = Recessed elliptical optic

Beam

- 80 = 80° (RML, RSL)
- 105 = 105° (ROL, FOL)
- 35 = 35° (RLW, RLB)
- 50 = 50° (RLW, RLB)
- 20x40 = 20x40° (REO)

Power⁵

- P1 = 3 W/ft
- P2 = 6 W/ft
- P3 = 10 W/ft
- P4 = 15 W/ft

Driver (integral)⁶

- E1 = eldoLED 0.1% dimming, 0-10V (120-277V)
- L1 = Lutron 1% dimming, Ecosystem (120-277V)
- D2DT6 = DALI-2 (DT6) for Static White, 0.1% dimming (120-277V)
- D2DT8 = DALI-2 (DT8) for Tunable White 0.1% dimming (120-277V) [TW only]

Housing / Trim Finish

- W = White, 15% gloss, RAL 9003 (standard)
- B = Black, 15% gloss, RAL 9005
- S = Silver, 15% gloss, RAL 9006
- F = Custom finished trim, specify RAL

Reflector Finish

- W = White, 15% gloss, RAL 9003 (standard)
- B = Black, 15% gloss, RAL 9005
- S = Silver, 15% gloss, RAL 9006
- F = Custom finished trim, specify RAL

Options

- AWNRF = Lutron Athena Wireless Node RF (specify with E1, D2DT6 or D2DT8)
- BT = Wireless CAS – Casambi (remote only, specify with E1, D2DT6 or D2DT8)
- EM = Emergency LED driver (remote)
- NYC = 6' whip per run
- TF = Top feed

1 See pattern spec sheet.

2 Individual fixture lengths less than 2' may require remote driver.

3 Specify Lensed products to nearest 0.25". Specify Louvered and Tuneable White products in 12" increments for continuous light. Louver supplied in 12" increments, balance of the run will have recessed blank covers on ends.

4 TW only available with RML, RSL, ROL and FOL.

5 See photometric data sheet for delivered lumens.

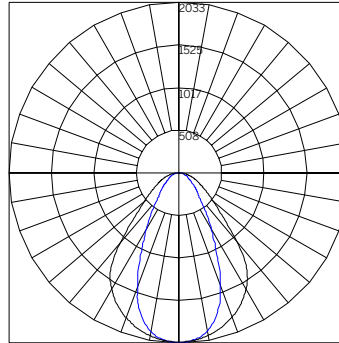
6 See power supply page for details.

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WG-60PTLP-...-RML-80-...-W-W

Delivered Lumens Per Foot

		Power			
		P1 [3 W/ft]	P2 [6 W/ft]	P3 [10 W/ft]	P4 [15 W/ft]
CCT	927	316	593	912	1343
	930	329	617	950	1399
	935	340	640	984	1465
	940	349	657	1010	1504
UGR ²		20.6	22.7	24.2	25.6



BEAM ANGLE (0-180) = 51.7
BEAM ANGLE (90-270) = 81.8

ILLUMINANCE - 24" RML-80 P4 3000K

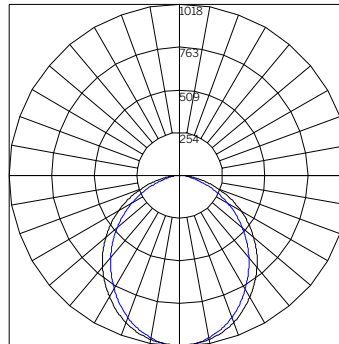
WG-60PTLP-...-S-24-930-RML-80-P4-...-W-W¹

Mounting Height [ft]	Illuminance [fc at nadir]	Beam Width [ft]
3	226	2.9
6	56	5.8
9	25	8.7
12	14	11.6
15	9	14.5
18	6	17.4
21	5	20.3
24	4	23.2
27	3	26.1
30	2	29.0

WG-60PTLP-...-ROL-105-...-W-W

Delivered Lumens Per Foot

		Power			
		P1 [3 W/ft]	P2 [6 W/ft]	P3 [10 W/ft]	P4 [15 W/ft]
CCT	927	289	543	834	1229
	930	301	565	869	1280
	935	312	585	900	1340
	940	320	601	925	1377
UGR ²		23.9	26.1	27.6	29.0



BEAM ANGLE (0-180) = 97.2
BEAM ANGLE (90-270) = 109

ILLUMINANCE - 24" ROL P4 3000K

WG-60PTLP-...-S-24-930-ROL-105-P4-...-W-W¹

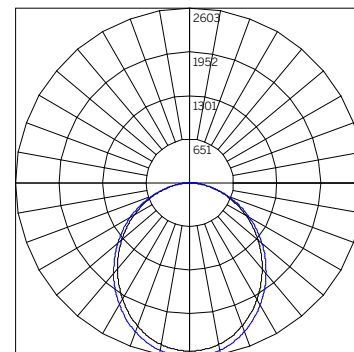
Mounting Height [ft]	Illuminance [fc at nadir]	Beam Width [ft]
3	113	6.8
6	28	13.6
9	13	20.4
12	7	27.2
15	5	34.0
18	3	40.8
21	2	47.6
24	2	54.4
27	1	61.3
30	1	68.1

Power Multiplier				
P1 [3 W/ft]	P2 [6 W/ft]	P3 [10 W/ft]	P4 [15 W/ft]	
0.24	0.44	0.68	1.00	
CCT Multiplier				
927	930	935	940	
0.96	1.00	1.04	1.06	

WG-60PTLP-...-FOL-105-...-W-W

Delivered Lumens Per Foot

		Power			
		P1 [3 W/ft]	P2 [6 W/ft]	P3 [10 W/ft]	P4 [15 W/ft]
CCT	927	361	678	1042	1534
	930	376	705	1085	1598
	935	389	731	1124	1673
	940	399	750	1154	1718
TW ¹		-	337	518	-
UGR ²		25.0	27.2	28.7	30.1



BEAM ANGLE (0-180) = 104.4
BEAM ANGLE (90-270) = 103.2

ILLUMINANCE - 48" FOL P4 3000K

WG-60PTLP-...-S-48-930-FOL-105-P4-...-W-W¹

Mounting Height [ft]	Illuminance [fc at max cd]	Beam Width [ft]
2	651	5.2
4	163	10.3
6	72	15.5
8	41	20.6
10	26	25.8
12	18	30.9
14	13	36.1
16	10	41.2
18	8	46.4
20	7	51.6

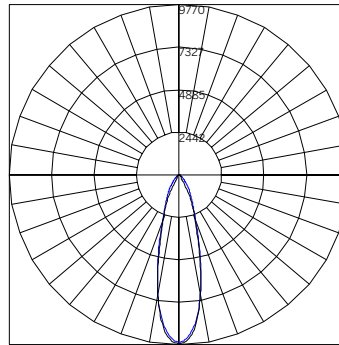
Power Multiplier				
P1 [3 W/ft]	P2 [6 W/ft]	P3 [10 W/ft]	P4 [15 W/ft]	
0.23	0.44	0.7	1.00	
CCT Multiplier				
927	930	935	940	
0.96	1.00	1.05	1.08	

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 UGR value noted is the maximum UGR (crosswise) with 930 LEDs at noted Power level.

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WG-60PTLP-...-RLW-35-...-W-W
Delivered Lumens Per Foot

		Power			
		P1 [3 W/ft]	P2 [6 W/ft]	P3 [10 W/ft]	P4 [15 W/ft]
CCT	927	434	804	1212	1738
	930	448	828	1250	1792
	935	462	854	1288	1846
	940	476	879	1326	1900
UGR ²		14.6	16.8	18.2	19.6



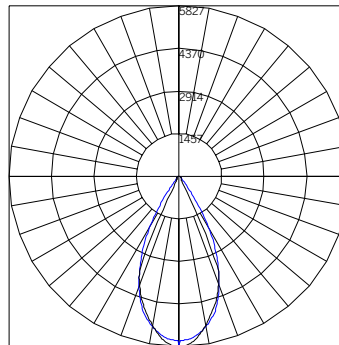
BEAM ANGLE (0-180) = 28.8
BEAM ANGLE (90-270) = 28.2

ILLUMINANCE - 24" RLW-35 P4 3000K
WG-60PTLP-...-24-...-930-RLW-35-P4-...-W-B¹

Mounting Height [ft]	Illuminance [fc at nadir]	Beam Width [ft]
3	1086	1.5
6	271	3.1
9	121	4.6
12	68	6.2
15	43	7.7
18	30	9.2
21	22	10.8
24	17	12.3
27	13	13.9
30	11	15.4

WG-60PTLP-...-RLW-50-...-W-W
Delivered Lumens Per Foot

		Power			
		P1 [3 W/ft]	P2 [6 W/ft]	P3 [10 W/ft]	P4 [15 W/ft]
CCT	927	443	820	1237	1773
	930	457	845	1276	1828
	935	471	872	1314	1883
	940	485	897	1353	1939
UGR ²		12.9	15.1	16.6	21.7



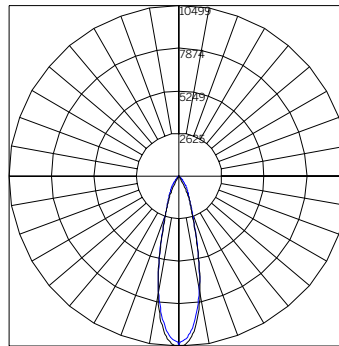
BEAM ANGLE (0-180) = 51.7
BEAM ANGLE (90-270) = 47.3

ILLUMINANCE - 24" RLW-50 P4 3000K
WG-60PTLP-...-24-...-930-RLW-50-P4-...-W-W¹

Mounting Height [ft]	Illuminance [fc at nadir]	Beam Width [ft]
3	647	2.9
6	162	5.8
9	72	8.7
12	40	11.6
15	26	14.5
18	18	17.4
21	13	20.3
24	10	23.3
27	8	26.2
30	6	29.1

WG-60PTLP-...-RLB-35-...-W-B
Delivered Lumens Per Foot

		Power			
		P1 [3 W/ft]	P2 [6 W/ft]	P3 [10 W/ft]	P4 [15 W/ft]
CCT	927	371	686	1034	1483
	930	382	707	1067	1529
	935	394	729	1099	1575
	940	406	750	1131	1621
UGR ²		14.6	16.8	18.2	19.6



BEAM ANGLE (0-180) = 26.9
BEAM ANGLE (90-270) = 26.9

ILLUMINANCE - 24" RLB-35 P4 3000K
WG-60PTLP-...-S-24-930-RLB-35-P4-...-W-B¹

Mounting Height [ft]	Illuminance [fc at nadir]	Beam Width [ft]
3	1167	1.4
6	292	2.9
9	130	4.3
12	73	5.7
15	47	7.2
18	32	8.6
21	24	10.0
24	18	11.5
27	14	12.9
30	12	14.3

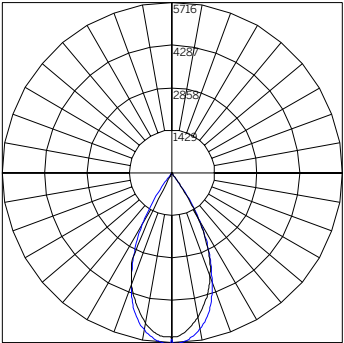
Power Multiplier			
P1 [3 W/ft]	P2 [6 W/ft]	P3 [10 W/ft]	P4 [15 W/ft]
0.25	0.46	0.70	1.00

CCT Multiplier			
927	930	935	940
0.97	1.00	1.03	1.06

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 UGR value noted is the maximum UGR (crosswise) with 930 LEDs at noted Power level.

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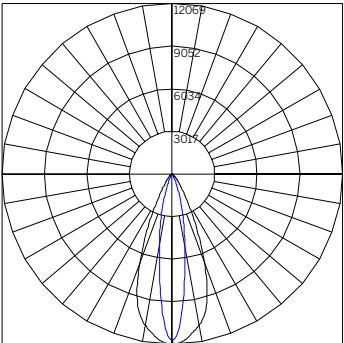
WG-60PTLP-...-RLB-50-...-W-B					
Delivered Lumens Per Foot					
		Power			
		P1 [3 W/ft]	P2 [6 W/ft]	P3 [10 W/ft]	P4 [15 W/ft]
CCT	927	442	818	1234	1769
	930	456	843	1273	1824
	935	470	870	1311	1879
	940	484	895	1349	1934
UGR ²		14.6	16.8	18.2	19.6



BEAM ANGLE (0-180) = 51.6
BEAM ANGLE (90-270) = 51.7

ILLUMINANCE - 24" RLB-50 P4 3000K		
WG-60PTLP-...-S-24-930-RLB-50-P4-...-W-B ¹		
Mounting Height [ft]	Illuminance [fc at nadir]	Beam Width [ft]
3	635	2.9
6	159	5.8
9	71	8.7
12	40	11.6
15	25	14.5
18	18	17.4
21	13	20.3
24	10	23.2
27	8	26.1
30	6	29.0

WG-60PTLP-...-REO-20X40-...-W-W					
Delivered Lumens Per Foot					
		Power			
		P1 [3 W/ft]	P2 [6 W/ft]	P3 [10 W/ft]	P4 [15 W/ft]
CCT	927	408	755	1139	1632
	930	421	778	1174	1683
	935	434	802	1209	1734
	940	447	826	1245	1784
UGR ²		8.3	10.4	11.9	13.2



BEAM ANGLE (0-180) = 17.8
BEAM ANGLE (90-270) = 42.2

ILLUMINANCE - 24" REO-20X40 P4 3000K		
WG-60PTLP-...-24-...-930-REO-20x40-P4-...-W-W ¹		
Mounting Height [ft]	Illuminance [fc at nadir]	Beam Width [ft]
3	1341	0.9
6	335	1.9
9	149	2.8
12	84	3.7
15	54	4.7
18	37	5.6
21	27	6.6
24	21	7.5
27	17	8.4
30	13	9.4

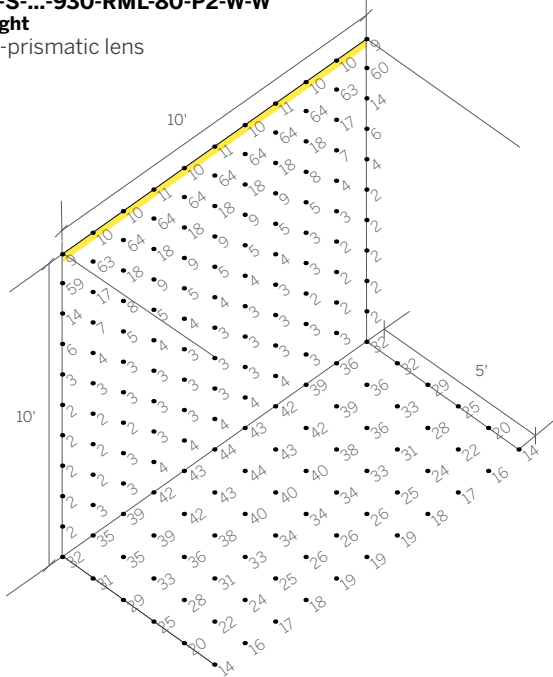
Power Multiplier			
P1 [3 W/ft]	P2 [6 W/ft]	P3 [10 W/ft]	P4 [15 W/ft]
0.25	0.46	0.70	1.00
CCT Multiplier			
927	930	935	940
0.97	1.00	1.03	1.06

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 UGR value noted is the maximum UGR (crosswise) with 930 LEDs at noted Power level.

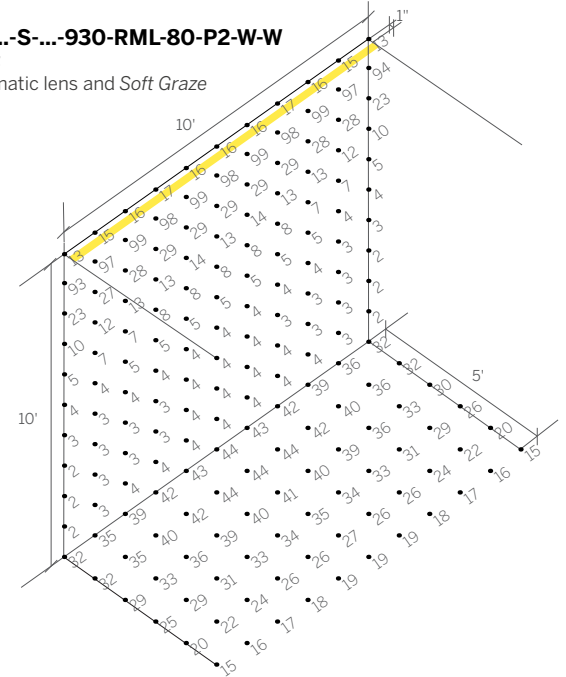
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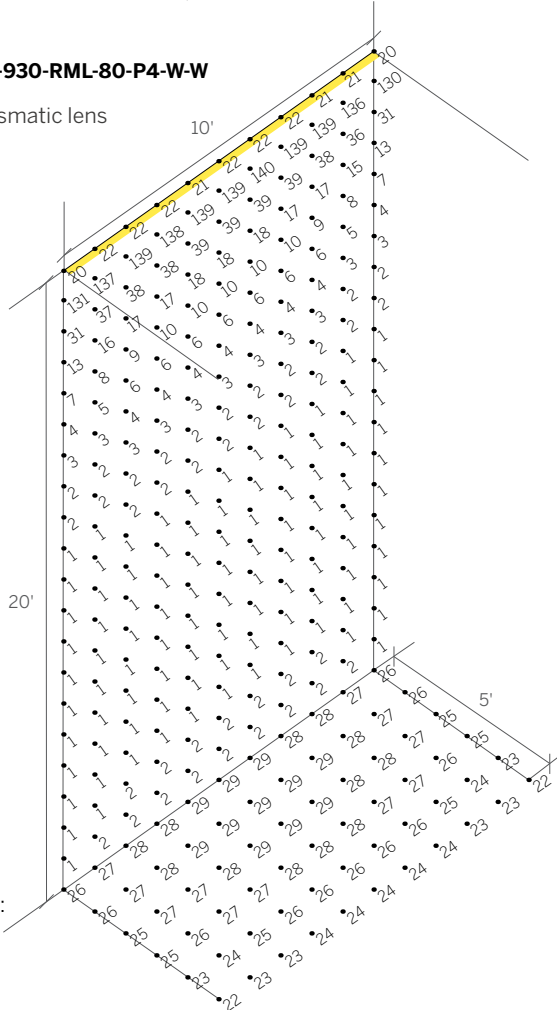
WG-60PTLP-...-S-...-930-RML-80-P2-W-W
10'-0" ceiling height
Recessed micro-prismatic lens



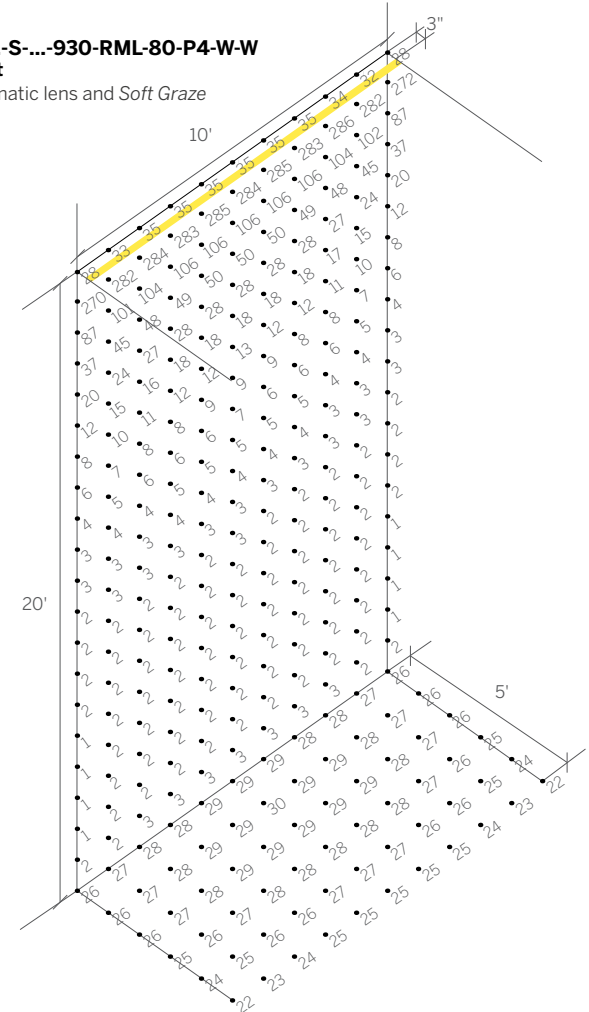
WG-60PTLPSG1-...-S-...-930-RML-80-P2-W-W
10'-0" ceiling height
Recessed micro-prismatic lens and Soft Graze



WG-60PTLP-...-S-...-930-RML-80-P4-W-W
20'-0" ceiling height
Recessed micro-prismatic lens



WG-60PTLPSG3-...-S-...-930-RML-80-P4-W-W
20'-0" ceiling height
Recessed micro-prismatic lens and Soft Graze



Surface reflectances:

80% Ceiling

50% Wall

20% Floor

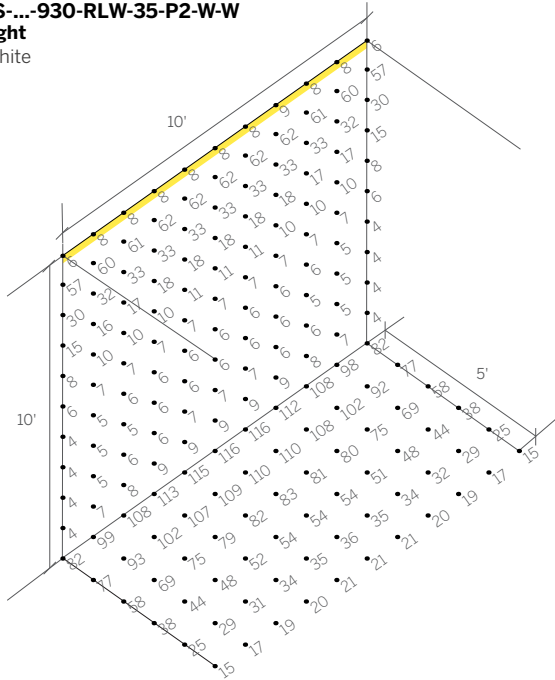
Illuminance points are spaced 1'-0" on center.

Illuminance values are shown in units of foot-candles.

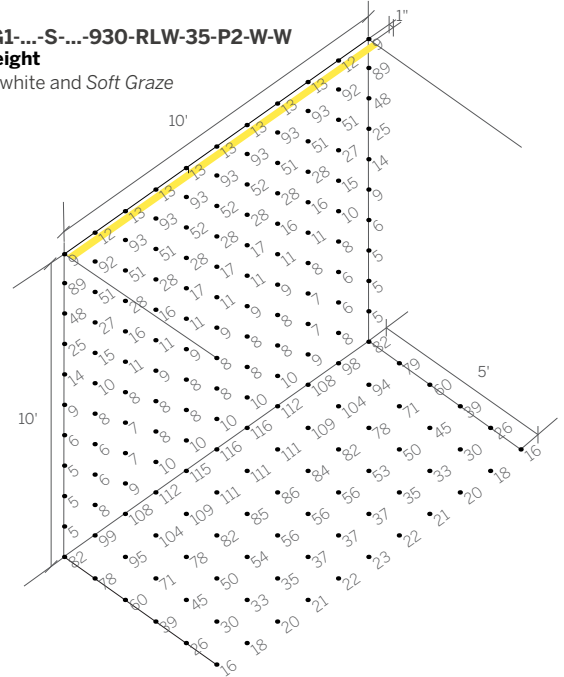
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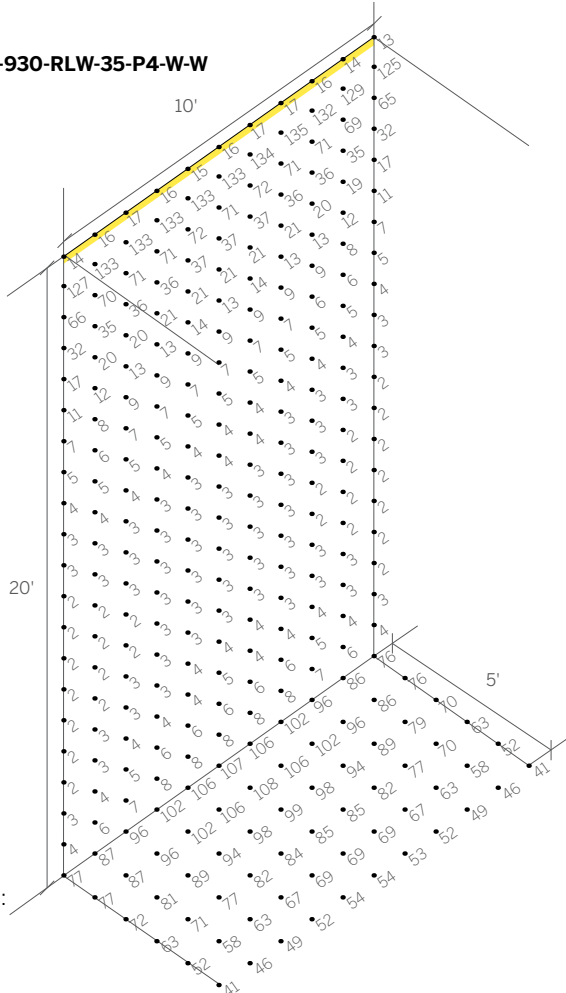
WG-60PTLP-...-S-...-930-RLW-35-P2-W-W
10'-0" ceiling height
Recessed louver white



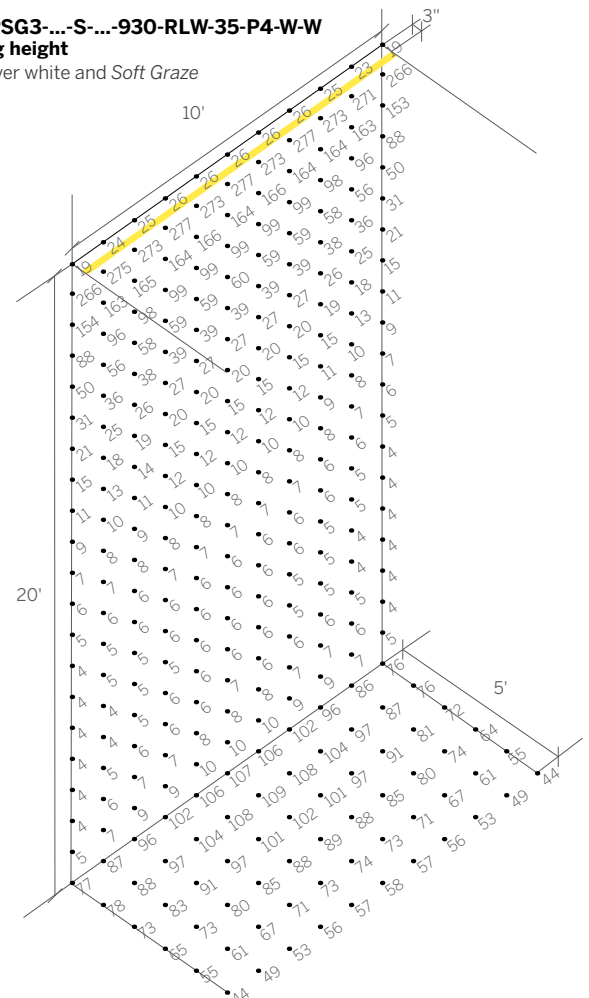
WG-60PTLPSG1-...-S-...-930-RLW-35-P2-W-W
10'-0" ceiling height
Recessed louver white and Soft Graze



WG-60PTLP-...-S-...-930-RLW-35-P4-W-W
20'-0" ceiling height
Recessed louver white



WG-60PTLPSG3-...-S-...-930-RLW-35-P4-W-W
20'-0" ceiling height
Recessed louver white and Soft Graze



Surface reflectances:

80% Ceiling

50% Wall

20% Floor

Illuminance points are spaced 1'-0" on center.

Illuminance values are shown in units of foot-candles.

whitegoods

410 381 1497 inter-lux.com answers@inter-lux.com
Inter-lux reserves the right to make technical changes without notice.



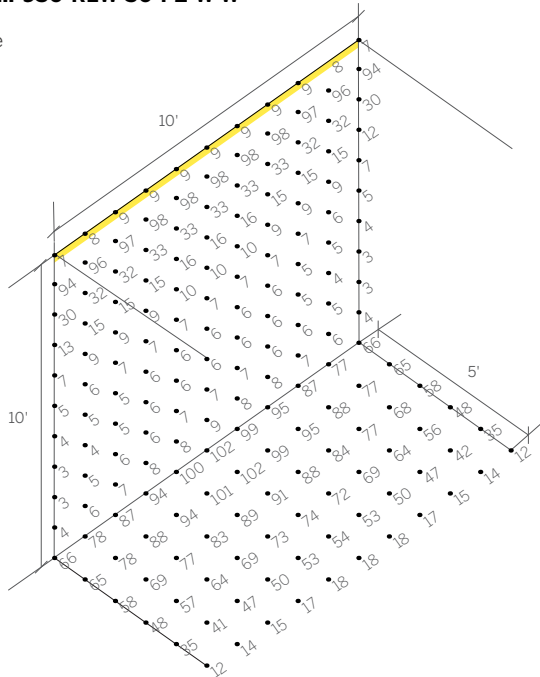
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WG-60PTLP-...-S-...-930-RLW-50-P2-W-W

10'-0" ceiling height

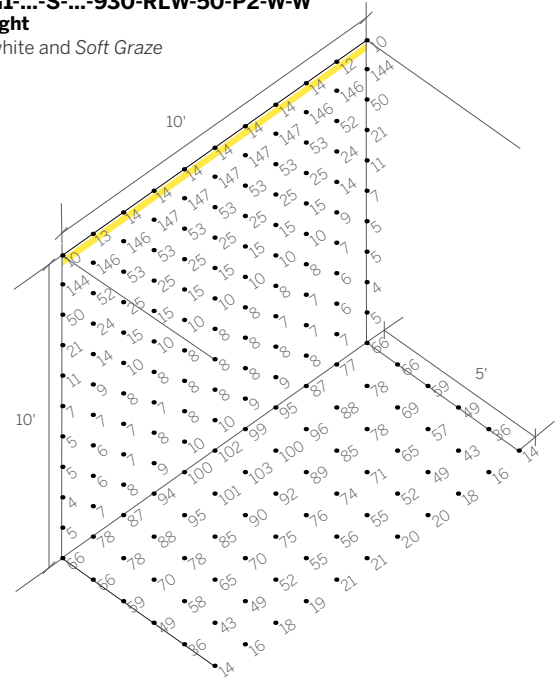
Recessed louver white



WG-60PTLPSG1-...-S-...-930-RLW-50-P2-W-W

10'-0" ceiling height

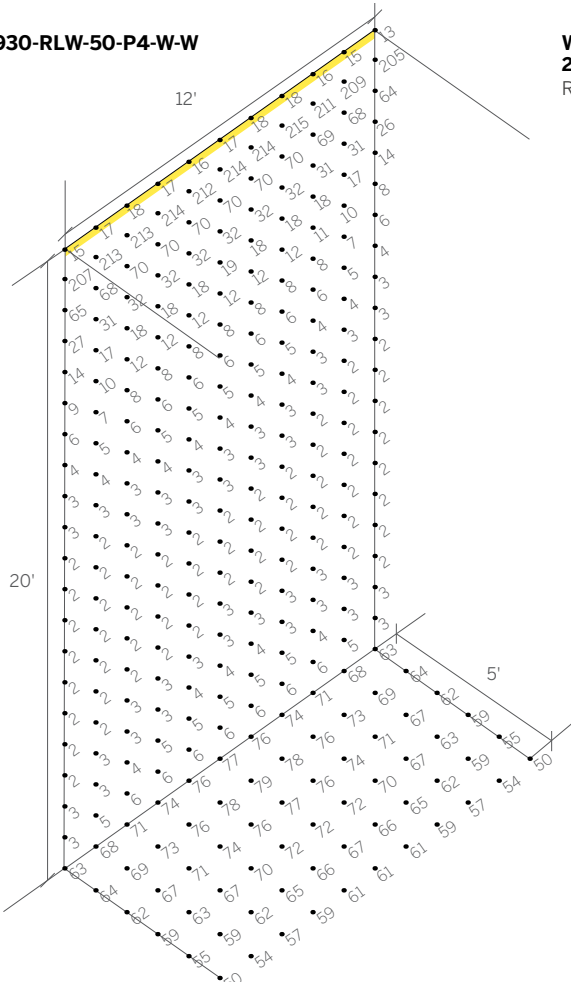
Recessed louver white and Soft Graze



WG-60PTLP-...-S-...-930-RLW-50-P4-W-W

20'-0" ceiling height

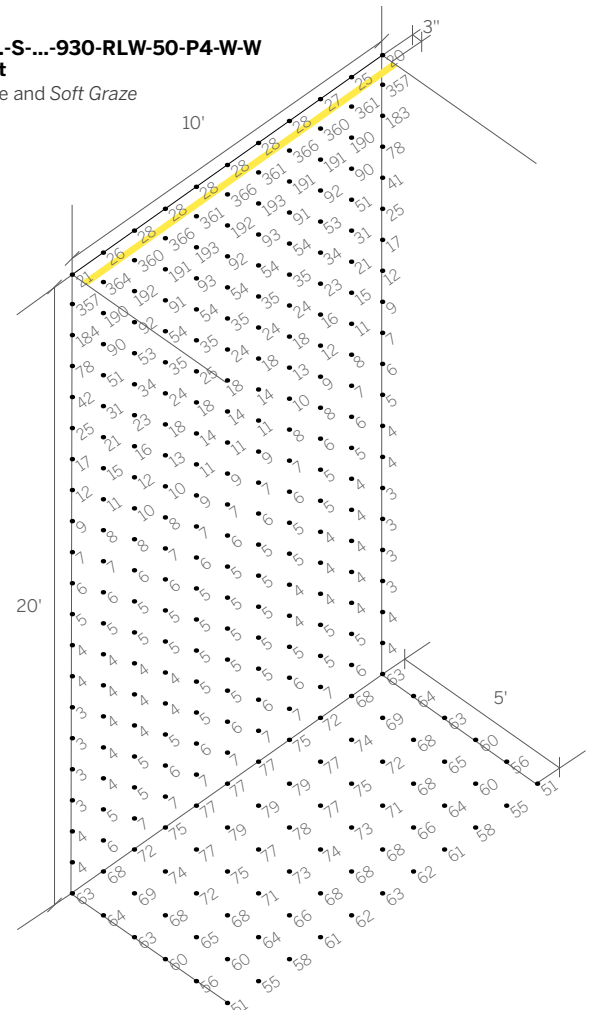
Recessed louver white



WG-60PTLPSG3-...-S-...-930-RLW-50-P4-W-W

20'-0" ceiling height

Recessed louver white and Soft Graze



Surface reflectances:

80% Ceiling

50% Wall

20% Floor

Illuminance points are spaced 1'-0" on center.

Illuminance values are shown in units of foot-candles.

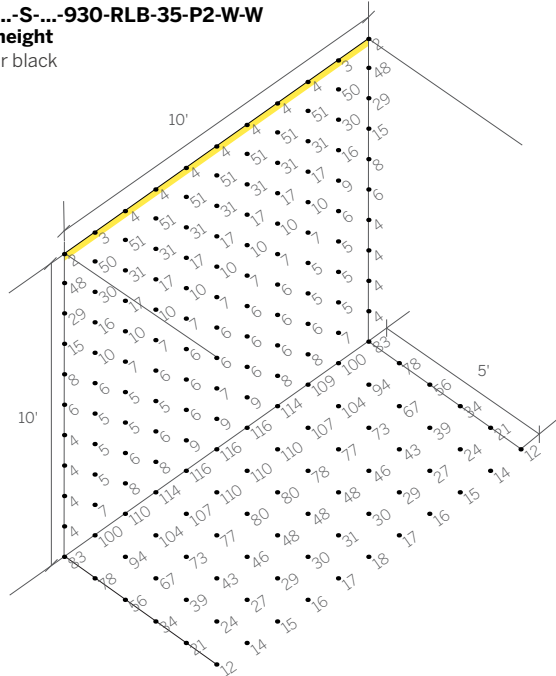
whitegoods

410 381 1497 inter-lux.com answers@inter-lux.com
Inter-lux reserves the right to make technical changes without notice.

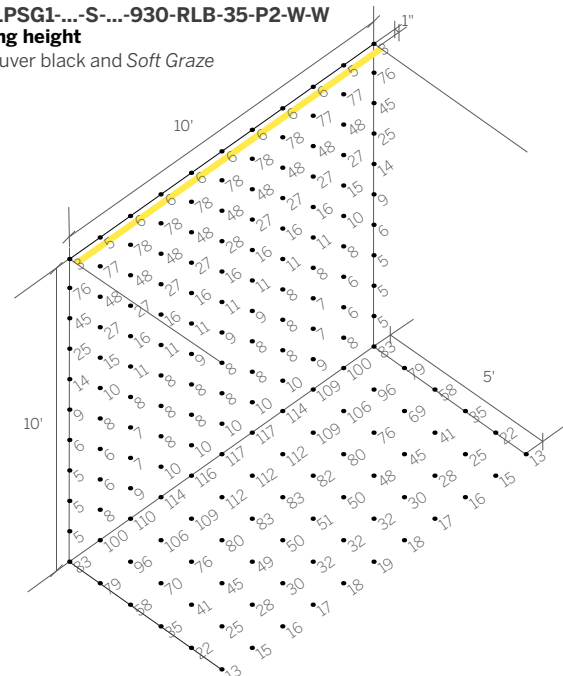


ProTools 60 Linear Perimeter Isoilluminance

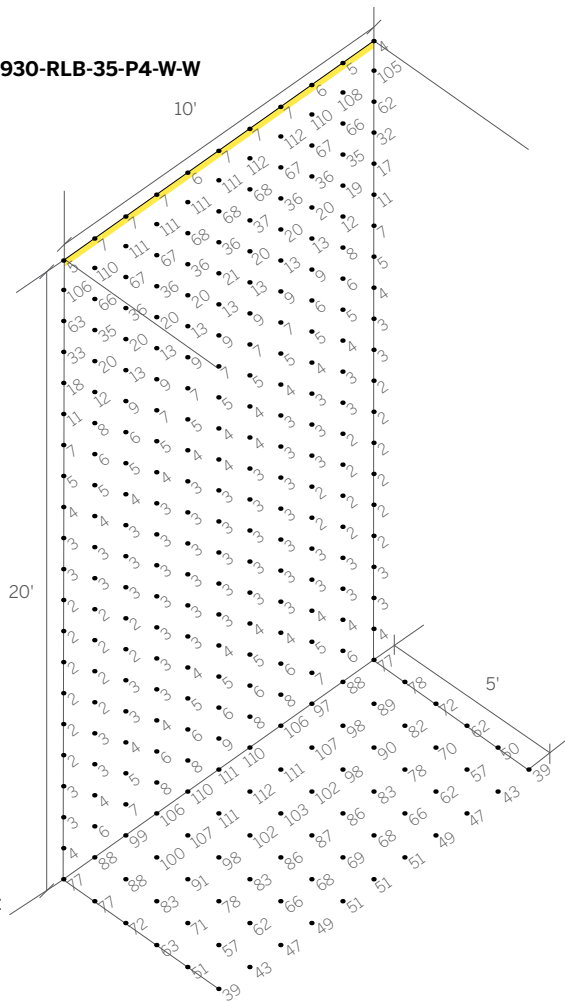
WG-60PTLP-...-S-...-930-RLB-35-P2-W-W
10'-0" ceiling height
Recessed louver black



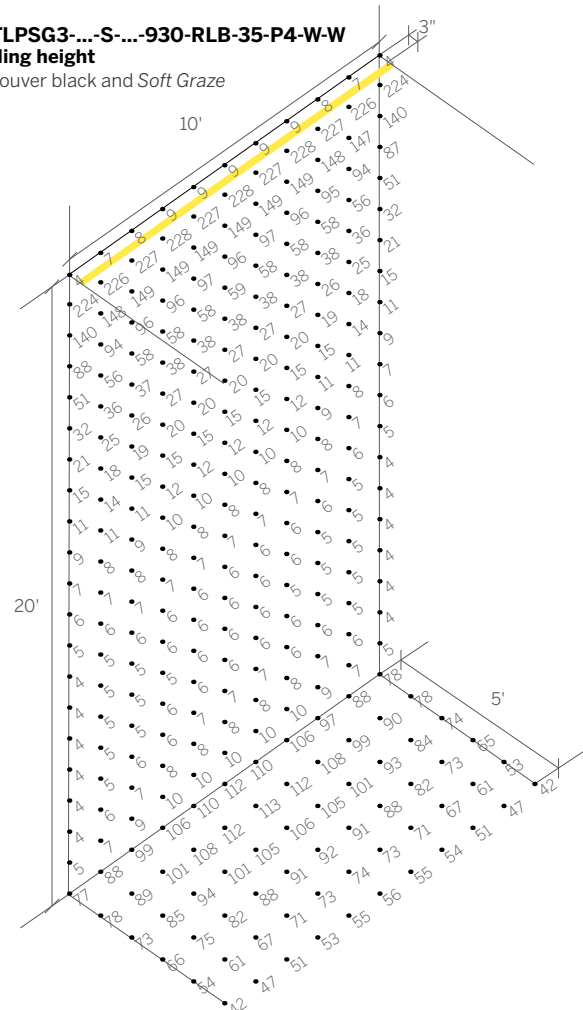
WG-60PTLPSG1-...-S-...-930-RLB-35-P2-W-W
10'-0" ceiling height
Recessed louver black and Soft Graze



WG-60PTLP-...-S-...-930-RLB-35-P4-W-W
20'-0" ceiling height
Recessed louver black



WG-60PTLPSG3-...-S-...-930-RLB-35-P4-W-W
20'-0" ceiling height
Recessed louver black and Soft Graze



Surface reflectances:

80% Ceiling

50% Wall

20% Floor

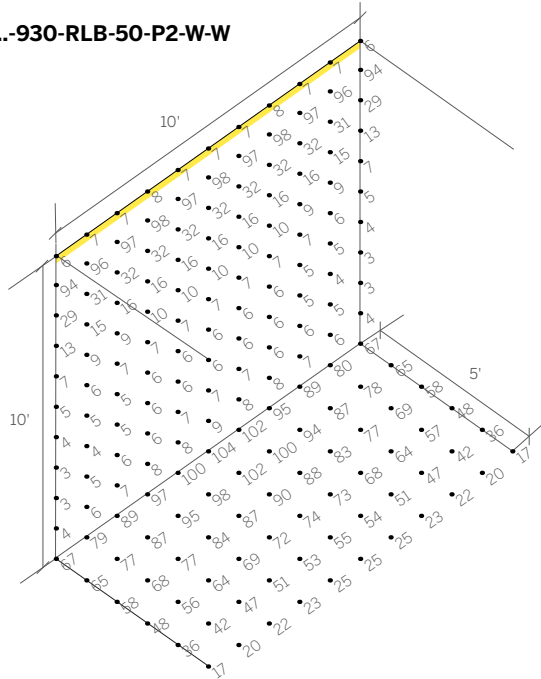
Illuminance points are spaced 1'-0" on center.

Illuminance values are shown in units of foot-candles.

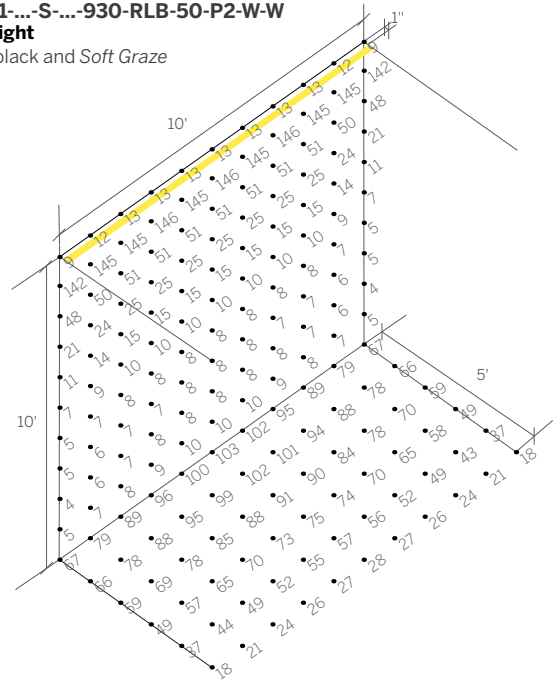
ProTools 60 Linear Perimeter Isoilluminance

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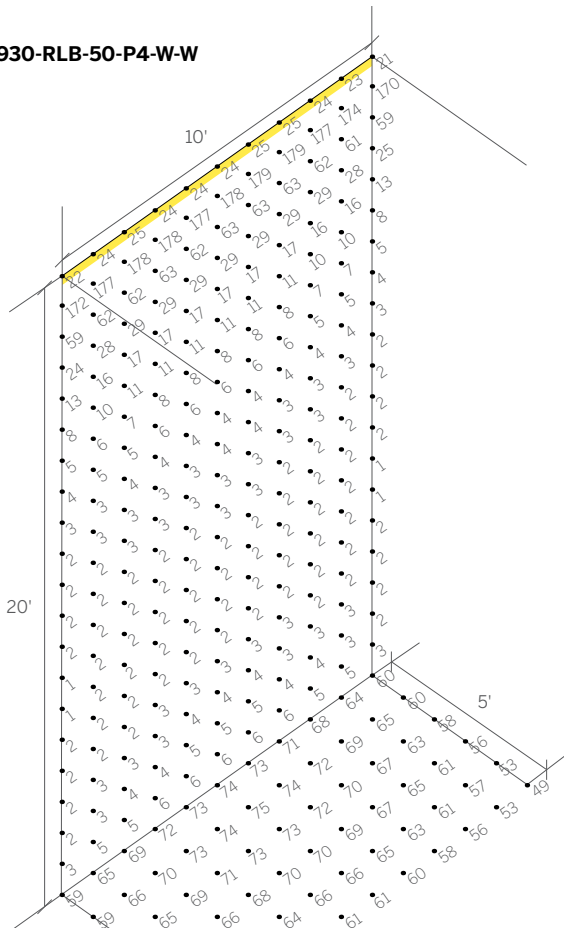
WG-60PTLP-...-S-...-930-RLB-50-P2-W-W
10'-0" ceiling height
Recessed louver black



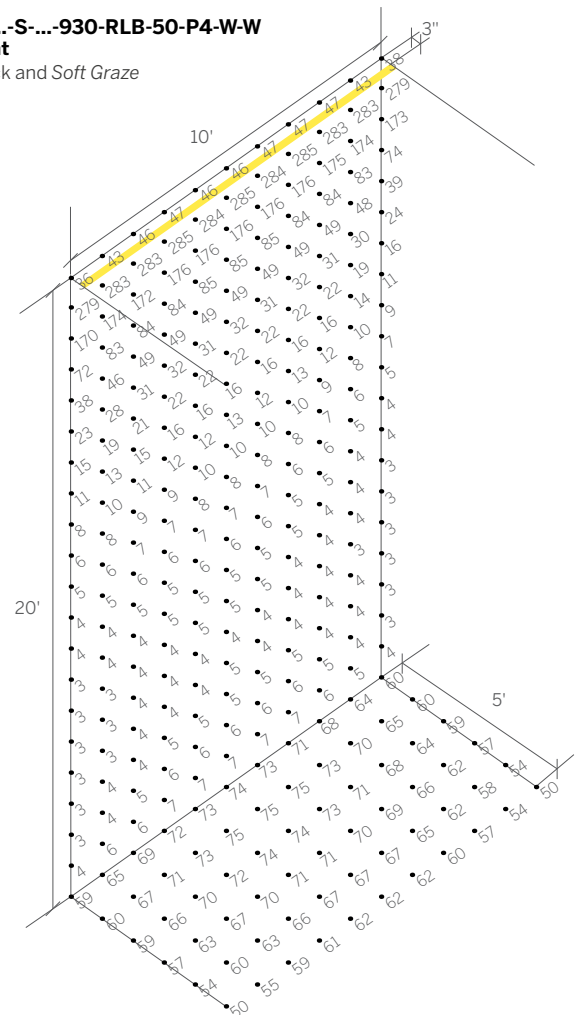
WG-60PTLPSG1-...-S-...-930-RLB-50-P2-W-W
10'-0" ceiling height
Recessed louver black and Soft Graze



WG-60PTLP-...-S-...-930-RLB-50-P4-W-W
20'-0" ceiling height
Recessed louver black



WG-60PTLPSG3-...-S-...-930-RLB-50-P4-W-W
20'-0" ceiling height
Recessed louver black and Soft Graze



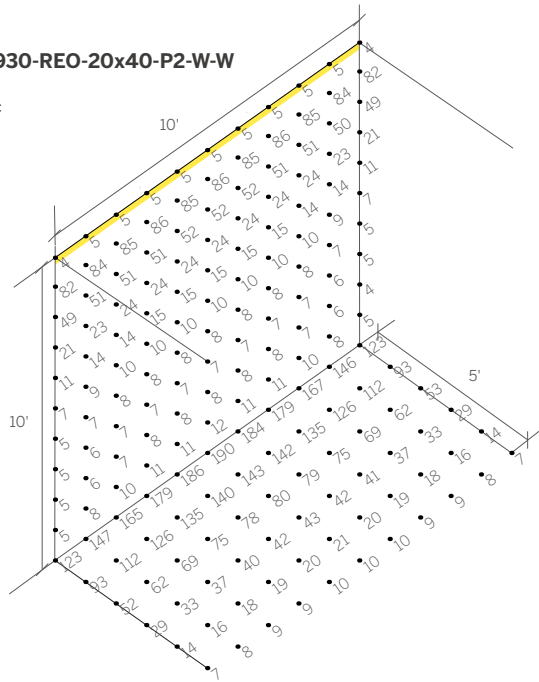
Surface reflectances:
80% Ceiling
50% Wall
20% Floor

Illuminance points are spaced 1'-0" on center.
Illuminance values are shown in units of foot-candles.

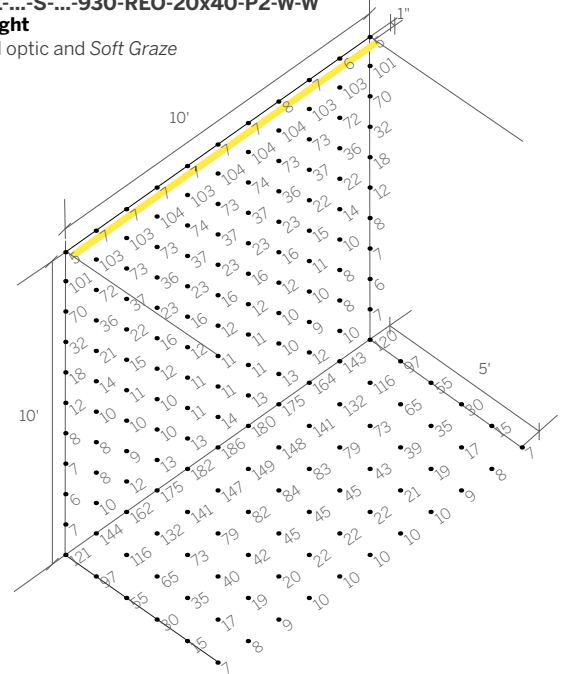
ProTools 60 Linear Perimeter Isoilluminance

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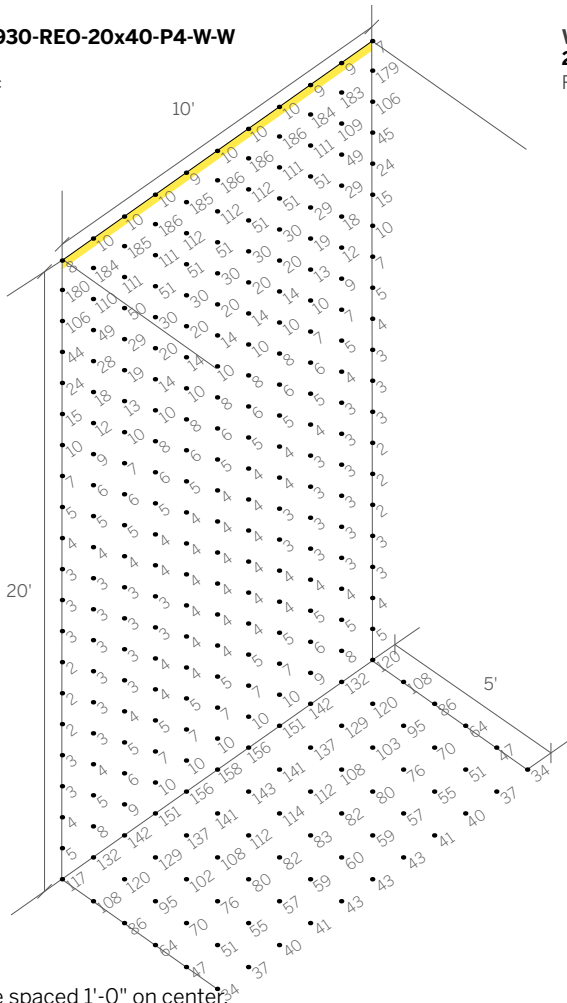
WG-60PTLP-...-S-...-930-REO-20x40-P2-W-W
10'-0" ceiling height
 Recessed elliptical optic



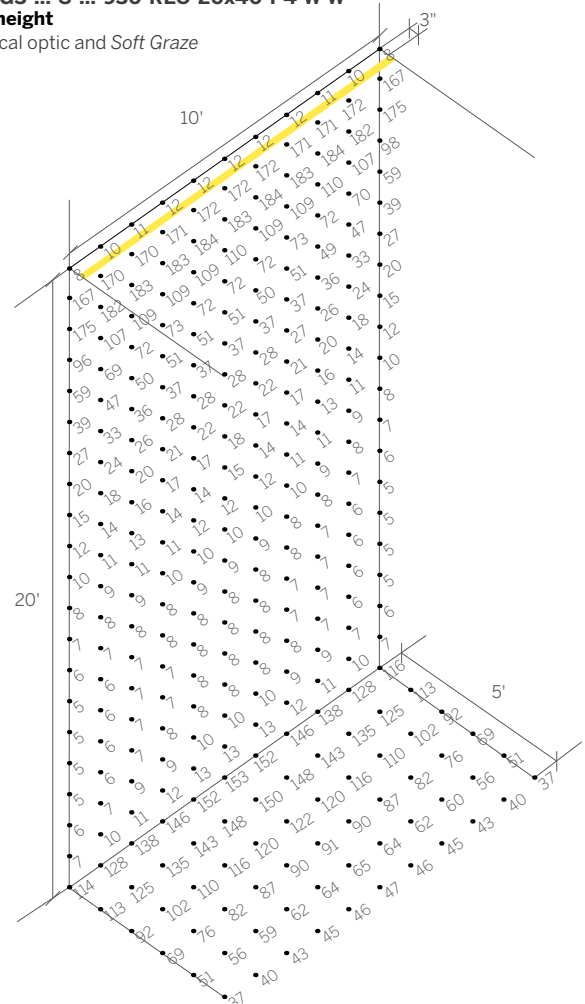
WG-60PTLPSG1-...-S-...-930-REO-20x40-P2-W-W
10'-0" ceiling height
 Recessed elliptical optic and Soft Graze



WG-60PTLP-...-S-...-930-REO-20x40-P4-W-W
20'-0" ceiling height
 Recessed elliptical optic



WG-60PTLPSG3-...-S-...-930-REO-20x40-P4-W-W
20'-0" ceiling height
 Recessed elliptical optic and Soft Graze



Surface reflectances:
 80% Ceiling
 50% Wall
 20% Floor

Illuminance points are spaced 1'-0" on center.
 Illuminance values are shown in units of foot-candles.