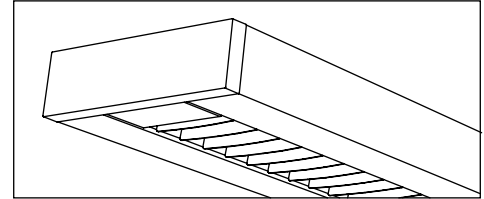
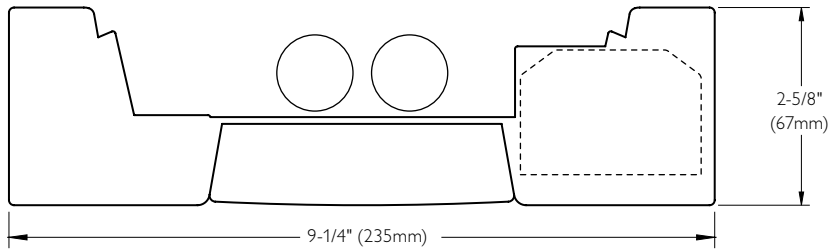


LyteSpread 9 Inch

Lighting Systems, T8, L916T02MN

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Ordering Information

Style	Lamps	Lower Optics	Upper Optics	Length	Wiring	Voltage	Ballast	Color & Finish
L916	T02	M					E	W
Direct-Indirect		M = Semi-Specular VDT Louver (30*)	N = None D = 60% Down Kit G = 80% Down Kit J = 100% Down Kit U = 80% Up Kit	Enter the total run length in feet (4ft increments)	1 = 1 circuit 2 = 2 circuit 3 = 1 circuit w/ Emergency circuit 4 = 2 circuit w/ Emergency circuit 5 = 1 circuit w/ Battery Pack 6 = 2 circuit w/ Battery Pack 7 = 1 circuit Dimming	D = Dual 120v/277v 1 = 120v** 2 = 277v** 3 = 347v**	E = Standard Ballast	W = High Reflective White

* Number of louver cells per 4ft section

** Dimming and Battery Pack fixtures must be voltage specific.

Housing

6063 T5 extruded aluminum. Fixture weighs 3.0 lb/ft. Aluminum die-cast endcaps, baked powder coat finish for color. Self-aligning joining system.

Optical System

Constructed of 96% reflective white steel to produce a direct/indirect distribution. Semi-specular VDT louver blades are spaced 1.5" apart and are 1" deep (30 cells per 4ft section). Optional field-installable Variable Optics kits provide additional up or downlight as required.

Mounting

Fixed position mounts supplied standard at ends. Variable position mounts supplied standard at joints. Variable position mounts can be located on 8ft or 12ft modules within 12" of joint or end. Aircraft cable gripper is tamper-resistant and provides infinite vertical adjustment capability. Aircraft cable, crimp and cable gripper independently tested to meet stringent safety requirements.

Electrical

Factory pre-wired to section ends with quick-wire connectors. Ballast is electronic.

Approvals

Certified to UL and CSA standards.

Finish

High-quality powder coat. Available in white textured matte finish and a selection of other factory and customer specified colors. Consult factory for details.

Job Information	Type:
Job Name:	
Cat. No.:	
Notes:	

PHILIPS
LIGHTOLIER

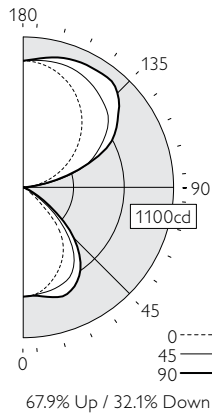
LyteSpread 9 Inch

Lighting Systems, T8, L916T02MN

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Photometry Optics MN Semi-Specular VDT Louver

Candela Curve



Report # 9900381
Filename 7216T02MN.ies
Efficiency 85.5%
Peak Candela Value* 1009 @ 143°
Peak to Zenith Ratio* 1.1 : 1
* Between 90-180° vertical angle

Meets RP-1-04 recommendations for
VDT-Intensive spaces

Candela Distribution

Vertical Angle	0	22.5	45	67.5	90	Zonal Lumens
0	795	795	795	795	795	
5	788	788	789	791	791	76
15	729	738	776	815	827	220
25	636	666	750	810	827	340
35	509	573	650	698	730	394
45	265	371	431	486	526	321
55	42	76	161	211	237	138
65	10	11	14	40	53	28
75	4	3	3	2	3	3
85	2	0	0	0	0	0
90	0	0	0	0	0	
95	38	70	53	34	36	70
105	169	303	360	327	332	327
115	320	466	592	650	672	540
125	467	586	754	813	843	628
135	605	699	843	946	974	632
145	723	792	896	976	1008	554
155	816	860	931	982	1001	426
165	881	902	939	968	978	264
175	916	920	928	934	935	89
180	920	920	920	920	920	

Coefficients of Utilization (%)

Ceiling:	80				70			50			0
Wall:	70	50	30	10	70	50	30	50	30	10	0
0 RCR	87	87	87	87	78	78	78	61	61	61	25
1	80	77	74	71	72	69	67	55	53	52	23
	74	68	63	59	66	61	57	49	46	44	20
3	68	60	55	50	61	55	50	44	40	38	18
4	62	54	48	43	56	49	44	39	36	33	16
5	57	48	42	37	51	44	38	35	31	28	14
6	53	43	37	32	47	39	34	32	28	25	13
7	49	39	33	28	44	36	30	29	25	22	12
8	45	35	29	25	41	32	27	26	22	20	10
9	42	32	26	22	38	29	24	24	20	18	9
10	39	29	24	20	35	27	22	22	18	16	9

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	0	45	90
55	597	2288	3368
65	193	270	1022
75	126	94	94
85	187	0	0

Upgrades & Accessories

Please indicate with check mark

<input type="checkbox"/> Lamps Included	<input type="checkbox"/> Lamp Guard	
<input type="checkbox"/> Lamps Included and Installed	Not available with upper optics option U	
<input type="checkbox"/> Daylight Harvesting System	<input type="checkbox"/> Dust Cover	

Mounting Hardware

<input type="checkbox"/>	<input type="checkbox"/>
Mount Type	Suspension Length
Consult separate mounting spec sheet for mount type options.	Enter distance from ceiling to top of fixture in inches.

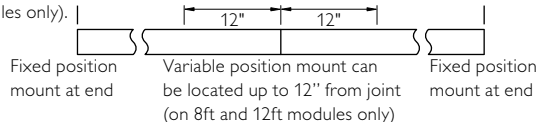
Modules

Module length excludes endcaps. Nominal mount spacing for individually mounted modules with fixed position mounts.

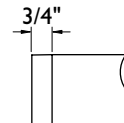
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

Mounting in Runs

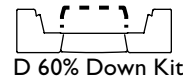
Fixed position mounts supplied standard at ends. Variable position mounts supplied standard at joints. Variable position mounts cannot be located on 4ft modules. Optional variable position mounts at ends available upon request (8ft and 12ft modules only).



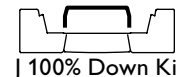
Endcap



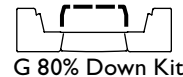
Upper Optics



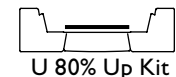
D 60% Down Kit



J 100% Down Kit



G 80% Down Kit



U 80% Up Kit



Philips Lightolier
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w: www.lightolier.com

L916T02MN June 9, 2011

Specifications are subject to change without notice.
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Job Information Type: