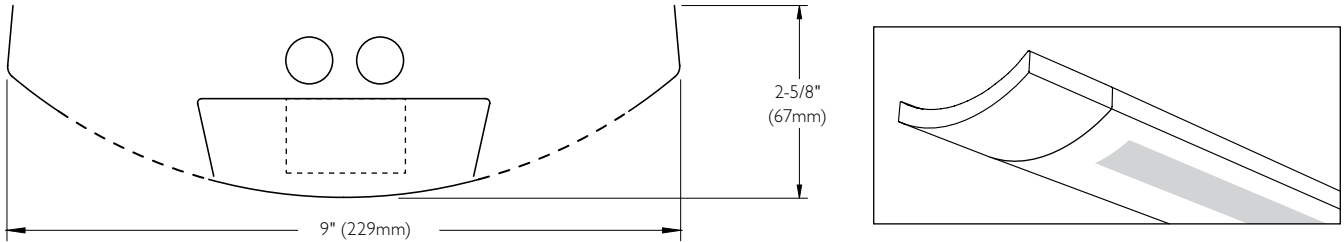


LyteSpread Curve

Lighting Systems, T5HO, LC04H02IN



Ordering Information

Style	Lamps	Lower Optics	Upper Optics	Length	Wiring	Voltage	Ballast	Color & Finish
LC04	H02	I	N				E	W
Semi-Direct High Performance	H02 = 2-Lamp	I = Slot Perf Housing	N = None	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

* Dimming and Battery Pack fixtures must be voltage specific.

Housing

Die-formed 20 gauge cold-rolled steel. Fixture weighs 3.4 lb/ft. End caps are die-cast sculptured. Joints have a self-aligning system with hands-free pre-joining wire access.

Optical System

Semi-Indirect Slot Standard: Constructed of 96% reflective white steel, housing has slot perforations and acrylic overlay between the lamps and housing to produce a semi-indirect distribution. High Performance version has additional highly-specular aluminum reflector system.

Mounting

Fixture uses 1/16" steel sling-mounted aircraft cable for horizontal leveling. Aircraft cable gripper provides continuous vertical adjustment capability. Aircraft cable, crimp and cable gripper are 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.

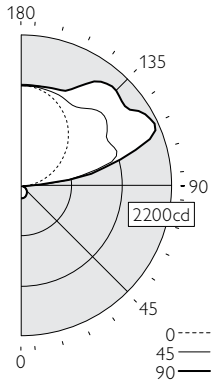
Job Information	Type:
Job Name:	
Cat. No.:	
Notes:	

LyteSpread Curve

Lighting Systems, T5HO, LC04H02IN

Photometry Optics IN Slot Perf Housing

Candela Curve



Report # 9900859
 Filename 7704H02IN.ies
 Efficiency 85.9%
 Peak Candela Value* 2153 @ 115°
 Peak to Zenith Ratio* 1.5 : 1
 * Between 90-180° vertical angle
 Meets RP-1-04 recommendations for VDT-Intensive spaces

Candela Distribution

Vertical Angle	Horizontal Angle					Zonal Lumens
	0	22.5	45	67.5	90	
0	177	177	177	177	177	
5	176	176	176	176	176	16
15	169	169	170	170	171	48
25	156	156	157	157	158	72
35	138	137	138	136	139	86
45	116	114	115	114	118	88
55	91	89	92	92	95	82
65	63	63	67	68	70	66
75	35	38	43	44	46	43
85	11	16	22	24	24	22
90	5	10	16	19	19	
95	83	298	383	250	281	357
105	299	719	1370	1437	1504	1144
115	529	896	1446	1979	2153	1393
125	759	986	1535	1810	1941	1283
135	974	1077	1563	1889	1965	1156
145	1160	1219	1407	1751	1861	923
155	1303	1334	1427	1497	1531	659
165	1404	1415	1449	1479	1488	410
175	1457	1459	1464	1468	1469	142
180	1465	1465	1465	1465	1465	

Coefficients of Utilization (%)

	Ceiling: 80				70				50				0
	70	50	30	10	70	50	30	10	50	30	10	0	
0 RCR	82	82	82	82	71	71	71	50	50	50	5		
1	75	71	68	65	65	62	59	44	42	41	4		
2	68	62	57	53	59	54	50	38	36	33	3		
3	62	54	49	44	53	47	42	33	30	28	3		
4	56	48	42	37	48	42	36	29	26	23	2		
5	52	42	36	31	44	37	31	26	23	20	2		
6	47	38	31	27	41	33	27	23	20	17	2		
7	43	34	27	23	37	29	24	21	17	15	1		
8	40	30	24	20	34	26	21	19	15	13	1		
9	37	27	21	17	32	24	19	17	14	11	1		
10	34	25	19	15	30	22	17	15	12	10	1		

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	585	532	528
65	549	501	494
75	498	475	465
85	465	493	450

Upgrades & Accessories Please indicate with check mark

- Lamps Included
- Lamps Included and Installed
- Daylight Harvesting System

Mounting Hardware

- Mount Type**
Consult separate mounting spec sheet for mount type options.
- Suspension Length**
Enter distance from ceiling to top of fixture in inches.

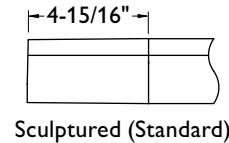
Modules

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"

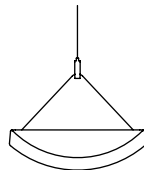
* 12ft not available with Direct/Indirect

Endcap

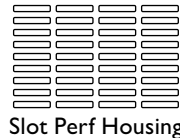


Sling Mount Detail

Fixture uses 1/16" steel sling-mounted aircraft cable for horizontal leveling.



Lower Optics



Philips Lightolier
 e: lol.webmaster@philips.com
 t: (508) 679-8131
 w: www.lightolier.com

LC04H02IN April 28, 2011

Specifications are subject to change without notice.
 © Koninklijke Philips Electronics N.V., 2011. All rights reserved.

Job Information Type: