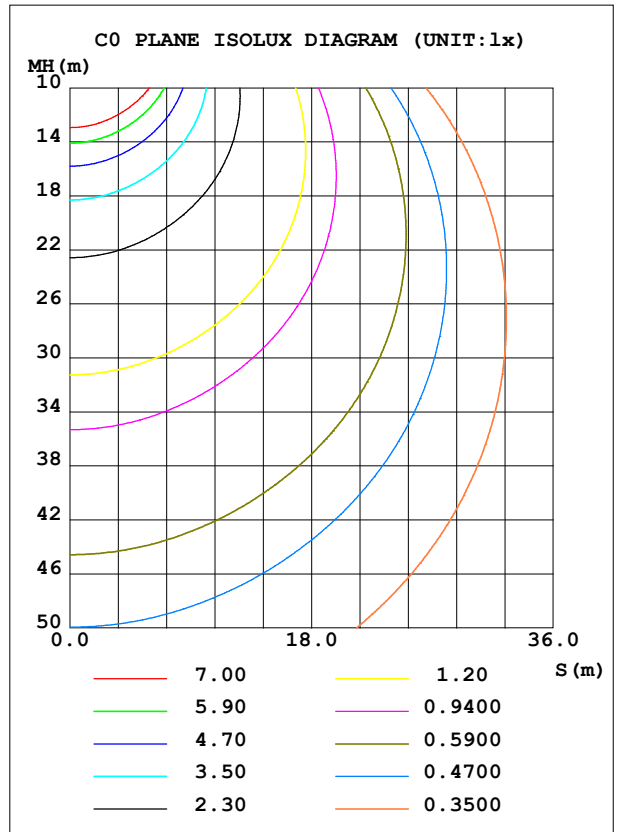
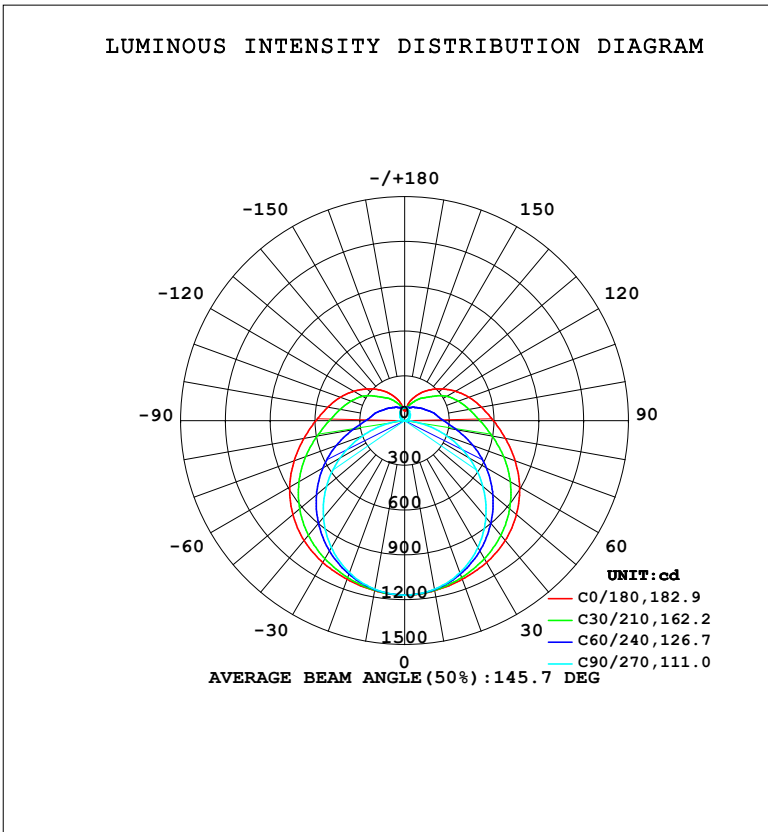


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.40V I:0.1682A P:37.162W PF:0.9591 Freq:49.99Hz		
UTHDi:0.21% ITHDi:10.05% KDisp:0.9649 Lamp Flux:5992.5lx1 lm		
NAME: RH-TP01-40W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	TP01	Imax (cd)	1169	S/MH (C0/180)	1.42
NOMINAL POWER (W)	40	LOR (%)	100.0	S/MH (C90/270)	1.25
RATED VOLTAGE (V)	100	TOTAL FLUX (lm)	5992.5	<input type="checkbox"/> UP, DN (C0-180)	11.9,38.1
NOMINAL FLUX (lm)	5992.51	CIE CLASS	SEMI-D.	<input type="checkbox"/> UP, DN (C180-360)	11.9,38.1
LAMPS INSIDE	1	<input type="checkbox"/> up (%)	23.9	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)	100	<input type="checkbox"/> down (%)	76.1	CIBSE SHR MAX	1.55



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3°C  
 Operators: QC  
 Test Date: 2022-06-17

Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.458  
 Humidity: 65.0%  
 Test Distance: 10.640m [K=1.0000]  
 Remarks:

**ZONAL FLUX DIAGRAM**

ZONAL FLUX DIAGRAM:

°	C0	C45	C90	C135	C180	C225	C270	C315	°	□ zone	□ total	%lum,lamp
10	1157	1152	1147	1152	1157	1152	1147	1152	0- 10	110.8	110.8	1.85,1.85
20	1131	1106	1084	1106	1131	1106	1084	1106	10- 20	320.0	430.8	7.19,7.19
30	1098	1038	982.0	1038	1098	1038	982.0	1038	20- 30	496.3	927.1	15.5,15.5
40	1048	953.6	846.6	953.6	1048	953.6	846.6	953.6	30- 40	624.6	1552	25.9,25.9
50	977.8	851.4	683.8	851.4	977.8	851.4	683.8	851.4	40- 50	693.1	2245	37.5,37.5
60	889.5	734.6	498.9	734.6	889.5	734.6	498.9	734.6	50- 60	697.2	2942	49.1,49.1
70	787.7	609.6	300.9	609.6	787.7	609.6	300.9	609.6	60- 70	641.3	3583	59.8,59.8
80	684.8	489.9	112.6	489.9	684.8	489.9	112.6	489.9	70- 80	542.3	4126	68.8,68.8
90	595.5	399.1	8.185	399.1	595.5	399.1	8.185	399.1	80- 90	435.9	4561	76.1,76.1
100	523.5	341.2	13.55	341.2	523.5	341.2	13.55	341.2	90-100	362.2	4924	82.2,82.2
110	458.9	294.4	21.88	294.4	458.9	294.4	21.88	294.4	100-110	306.9	5231	87.3,87.3
120	394.9	238.5	31.30	238.5	394.9	238.5	31.30	238.5	110-120	249.3	5480	91.4,91.4
130	331.9	194.2	40.67	194.2	331.9	194.2	40.67	194.2	120-130	191.2	5671	94.6,94.6
140	271.3	159.4	51.38	159.4	271.3	159.4	51.38	159.4	130-140	137.4	5808	96.9,96.9
150	213.5	131.2	62.93	131.2	213.5	131.2	62.93	131.2	140-150	92.25	5901	98.5,98.5
160	155.9	108.3	75.80	108.3	155.9	108.3	75.80	108.3	150-160	55.42	5956	99.4,99.4
170	91.65	93.48	86.33	93.48	91.65	93.48	86.33	93.48	160-170	28.15	5984	99.9,99.9
180	67.80	89.64	92.21	89.64	67.80	89.64	92.21	89.64	170-180	8.301	5993	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 1893.7 lm

%lum = 31.6%

%lamp = 31.6%

Conical surface Flux(130deg): 3272.9 lm

%lum = 54.6%

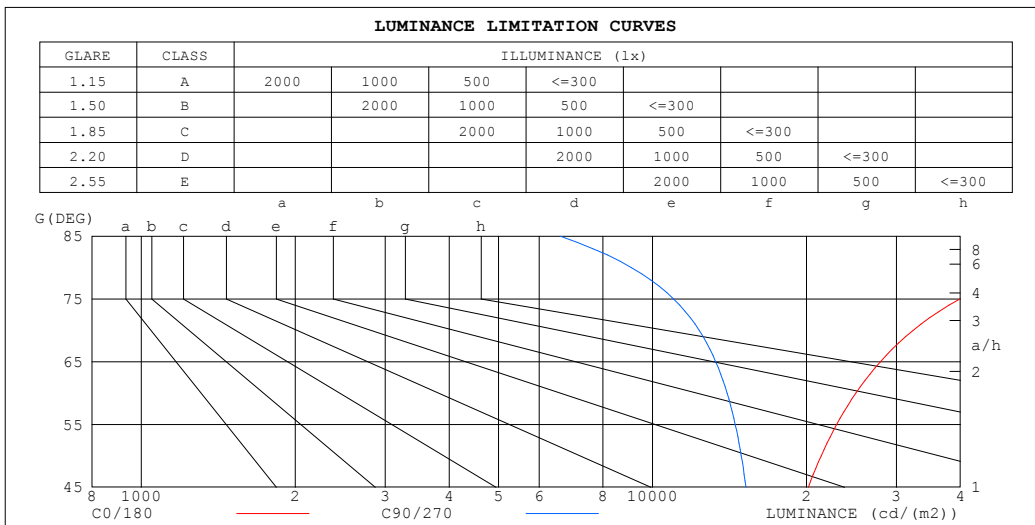
%lamp = 54.6%

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:QC  
 Test Date:2022-06-17

□ Range: 0 - 180DEG  
 □ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.458  
 Humidity:65.0%  
 Test Distance:10.640m [K=1.0000]  
 Remarks:

**LUMINANCE LIMITATION CURVES**

<b>Test:U:230.40V I:0.1682A P:37.162W PF:0.9591 Freq:49.99Hz</b> <b>UTHDi:0.21% ITHDi:10.05% KDisp:0.9649 Lamp Flux:5992.51x1 lm</b>		
<b>NAME: RH-TP01-40W</b>	<b>TYPE:</b>	<b>WEIGHT:</b>
<b>SPEC.:</b>	<b>DIM.:</b>	<b>SERIAL No.:</b>
<b>MFR.:</b>	<b>SUR.:</b>	<b>Shielding Angle:</b>



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	102776	6613
80	55401	9091
75	39917	10996
70	32352	12335
65	27918	13292
60	24991	13990
55	22921	14512
50	21370	14914
45	20178	15236

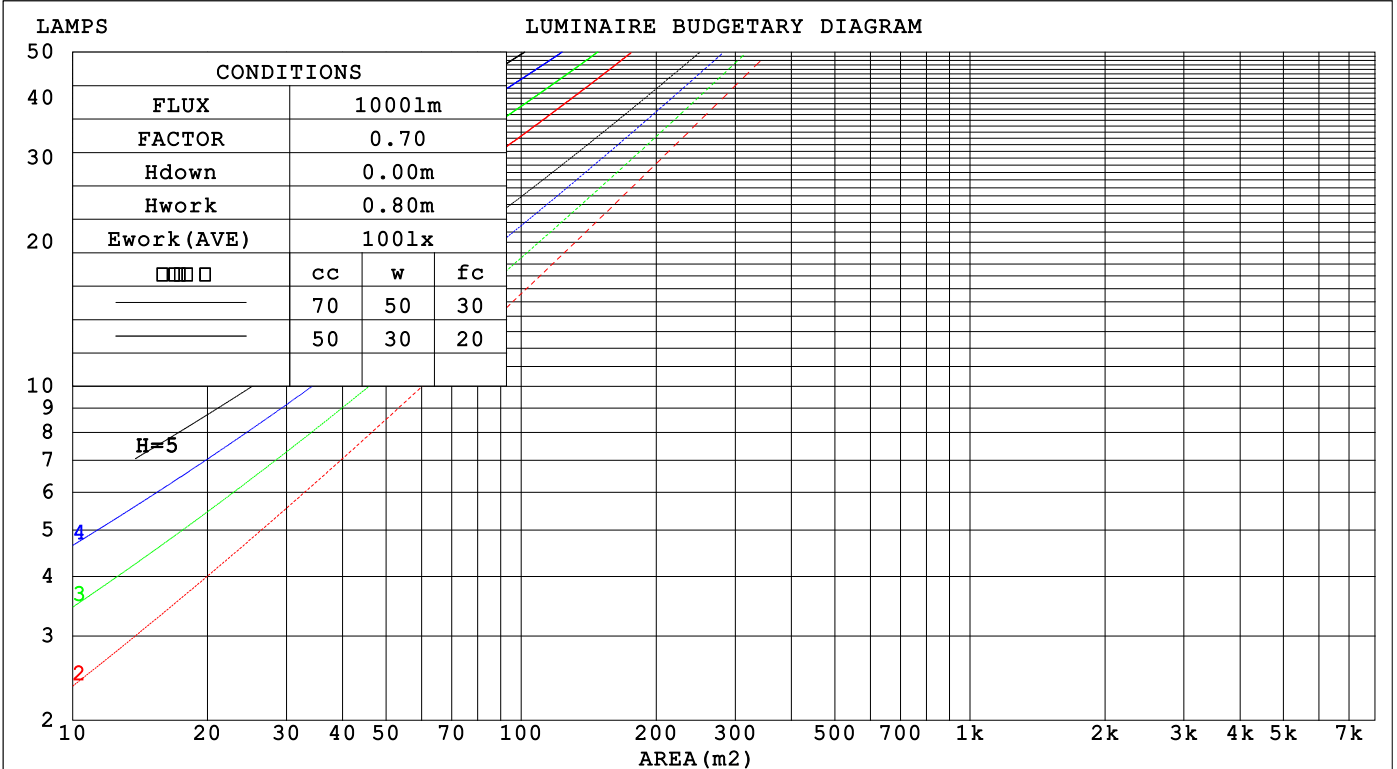
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:QC  
 Test Date:2022-06-17

Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.458  
 Humidity:65.0%  
 Test Distance:10.640m [K=1.0000]  
 Remarks:

**CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM**

Test:U:230.40V I:0.1682A P:37.162W PF:0.9591 Freq:49.99Hz		
UTHDi:0.21% ITHDi:10.05% KDisp:0.9649 Lamp Flux:5992.5lx1 lm		
NAME: RH-TP01-40W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

<input type="checkbox"/> cc	80%			70%			50%			30%			10%			0
<input type="checkbox"/> w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
<input type="checkbox"/> fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.13	1.13	1.13	1.08	1.08	1.08	.98	.98	.98	.89	.89	.89	.80	.80	.80	.76
1.0	.94	.89	.84	.90	.85	.81	.81	.77	.74	.73	.70	.67	.66	.63	.61	.57
2.0	.81	.73	.66	.77	.70	.64	.69	.64	.59	.62	.58	.54	.56	.52	.49	.45
3.0	.70	.61	.54	.67	.58	.52	.60	.53	.48	.54	.49	.44	.49	.44	.40	.37
4.0	.61	.52	.45	.58	.50	.43	.53	.46	.40	.48	.42	.37	.43	.38	.34	.31
5.0	.54	.45	.38	.52	.43	.37	.47	.40	.34	.42	.36	.32	.38	.33	.29	.26
6.0	.49	.39	.33	.46	.38	.32	.42	.35	.29	.38	.32	.27	.35	.29	.25	.23
7.0	.44	.35	.29	.42	.34	.28	.38	.31	.26	.35	.29	.24	.31	.26	.22	.20
8.0	.40	.31	.25	.38	.30	.24	.35	.28	.23	.32	.26	.21	.29	.24	.20	.18
9.0	.36	.28	.22	.35	.27	.22	.32	.25	.20	.29	.23	.19	.27	.21	.18	.16
10.0	.33	.25	.20	.32	.25	.20	.29	.23	.18	.27	.21	.17	.25	.20	.16	.14



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:QC  
 Test Date:2022-06-17

Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.458  
 Humidity:65.0%  
 Test Distance:10.640m [K=1.0000]  
 Remarks:

**WEC AND CCEC**

Test:U:230.40V I:0.1682A P:37.162W PF:0.9591 Freq:49.99Hz		
UTHDi:0.21% ITHDi:10.05% KDisp:0.9649 Lamp Flux:5992.51x1 lm		
NAME: RH-TP01-40W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

<input type="checkbox"/> cc	80%	70%	50%	30%	10%	0
<input type="checkbox"/> w	50% 30% 10%	50% 30% 10%	50% 30% 10%	50% 30% 10%	50% 30% 10%	0
<input type="checkbox"/> fc	20%	20%	20%	20%	20%	0
RCR	RCR:Room Cavity Ratio			Wall Exitance Coefficients(WEC)		
0.0						
1.0	.381 .217 .069	.367 .209 .066	.340 .195 .062	.315 .182 .058	.292 .169 .055	
2.0	.330 .181 .055	.317 .175 .054	.292 .163 .050	.270 .151 .047	.249 .141 .044	
3.0	.293 .156 .047	.281 .151 .045	.259 .140 .043	.238 .131 .040	.219 .121 .038	
4.0	.264 .137 .040	.253 .132 .039	.233 .123 .037	.214 .115 .035	.196 .107 .033	
5.0	.240 .122 .035	.230 .118 .034	.212 .110 .032	.194 .103 .031	.178 .095 .029	
6.0	.220 .110 .032	.211 .107 .031	.194 .099 .029	.178 .093 .027	.163 .086 .026	
7.0	.203 .100 .028	.195 .097 .028	.179 .091 .026	.165 .084 .025	.151 .078 .023	
8.0	.188 .092 .026	.181 .089 .025	.166 .083 .024	.153 .077 .022	.140 .072 .021	
9.0	.175 .085 .024	.168 .082 .023	.155 .077 .022	.143 .072 .020	.131 .066 .019	
10.0	.164 .079 .022	.158 .076 .021	.145 .071 .020	.134 .066 .019	.123 .062 .018	

<input type="checkbox"/> cc	80%	70%	50%	30%	10%	0
<input type="checkbox"/> w	50% 30% 10%	50% 30% 10%	50% 30% 10%	50% 30% 10%	50% 30% 10%	0
<input type="checkbox"/> fc	20%	20%	20%	20%	20%	0
RCR	RCR:Room Cavity Ratio			Ceiling Cavity Exitance Coefficients(CCEC)		
0.0	.372 .372 .372	.318 .318 .318	.217 .217 .217	.125 .125 .125	.040 .040 .040	
1.0	.369 .339 .312	.315 .291 .269	.216 .200 .186	.124 .116 .108	.040 .037 .035	
2.0	.362 .316 .278	.310 .272 .240	.212 .188 .168	.123 .110 .098	.039 .035 .032	
3.0	.355 .300 .257	.304 .259 .223	.209 .180 .156	.121 .105 .092	.039 .034 .030	
4.0	.347 .288 .243	.298 .249 .211	.205 .173 .148	.118 .102 .088	.038 .033 .029	
5.0	.339 .278 .233	.291 .241 .203	.201 .168 .143	.116 .099 .085	.037 .032 .028	
6.0	.332 .270 .226	.285 .234 .197	.197 .164 .139	.114 .096 .083	.037 .032 .027	
7.0	.325 .264 .221	.280 .229 .192	.193 .160 .136	.112 .094 .081	.036 .031 .027	
8.0	.319 .258 .217	.274 .224 .189	.190 .157 .134	.110 .093 .080	.036 .030 .026	
9.0	.312 .254 .214	.269 .220 .187	.186 .155 .132	.109 .091 .079	.035 .030 .026	
10.0	.307 .249 .212	.264 .217 .185	.183 .152 .131	.107 .090 .078	.035 .030 .026	

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:QC  
 Test Date:2022-06-17

Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.458  
 Humidity:65.0%  
 Test Distance:10.640m [K=1.0000]  
 Remarks:

**UGR(Unified Glare Rating) Table**

Test:U:230.40V I:0.1682A P:37.162W PF:0.9591 Freq:49.99Hz UTHDi:0.21% ITHDi:10.05% KDisp:0.9649 Lamp Flux:5992.51x1 lm										
NAME: RH-TP01-40W			TYPE:			WEIGHT:				
SPEC.:			DIM.:			SERIAL No.:				
MFR.:			SUR.:			Shielding Angle:				
ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
x = 2H y = 2H	16.5	17.9	17.1	18.4	19.1	14.1	15.4	14.7	16.0	16.7
3H	19.3	20.5	19.9	21.1	21.8	15.6	16.8	16.2	17.4	18.1
4H	20.8	21.9	21.4	22.6	23.3	16.1	17.2	16.7	17.9	18.6
6H	22.5	23.5	23.1	24.2	24.9	16.5	17.6	17.1	18.2	19.0
8H	23.4	24.4	24.0	25.1	25.9	16.6	17.6	17.2	18.3	19.1
12H	24.5	25.5	25.1	26.1	26.9	16.6	17.6	17.3	18.3	19.1
4H 2H	17.1	18.2	17.7	18.9	19.6	15.4	16.5	16.0	17.1	17.9
3H	20.1	21.1	20.7	21.7	22.5	17.1	18.1	17.8	18.8	19.6
4H	21.8	22.7	22.5	23.4	24.2	17.9	18.8	18.5	19.5	20.3
6H	23.7	24.5	24.4	25.2	26.1	18.4	19.2	19.1	19.9	20.8
8H	24.7	25.5	25.5	26.2	27.1	18.6	19.3	19.3	20.1	20.9
12H	25.9	26.7	26.7	27.4	28.3	18.7	19.4	19.4	20.1	21.0
8H 4H	22.1	22.9	22.8	23.6	24.5	19.0	19.8	19.8	20.5	21.4
6H	24.3	24.9	25.1	25.7	26.6	20.0	20.7	20.8	21.4	22.4
8H	25.6	26.2	26.4	26.9	27.9	20.5	21.0	21.2	21.8	22.7
12H	27.1	27.6	27.9	28.4	29.3	20.8	21.3	21.5	22.1	23.0
12H 4H	22.1	22.8	22.9	23.6	24.4	19.4	20.1	20.2	20.9	21.8
6H	24.4	25.0	25.2	25.8	26.7	20.7	21.3	21.5	22.1	23.0
8H	25.8	26.3	26.6	27.1	28.1	21.3	21.8	22.1	22.6	23.6
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.2				
2.0H	+ 0.3 / - 0.4					+ 0.2 / - 0.4				

CIE Pub.117, 5993 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 6.2)  
 Area: 0.0714 m2

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:QC  
 Test Date:2022-06-17

Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.458  
 Humidity:65.0%  
 Test Distance:10.640m [K=1.0000]  
 Remarks:

**UTILIZATION FACTORS TABLE**

Test:U:230.40V I:0.1682A P:37.162W PF:0.9591 Freq:49.99Hz UTHDi:0.21% ITHDi:10.05% KDisp:0.9649 Lamp Flux:5992.51x1 lm		
NAME: RH-TP01-40W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

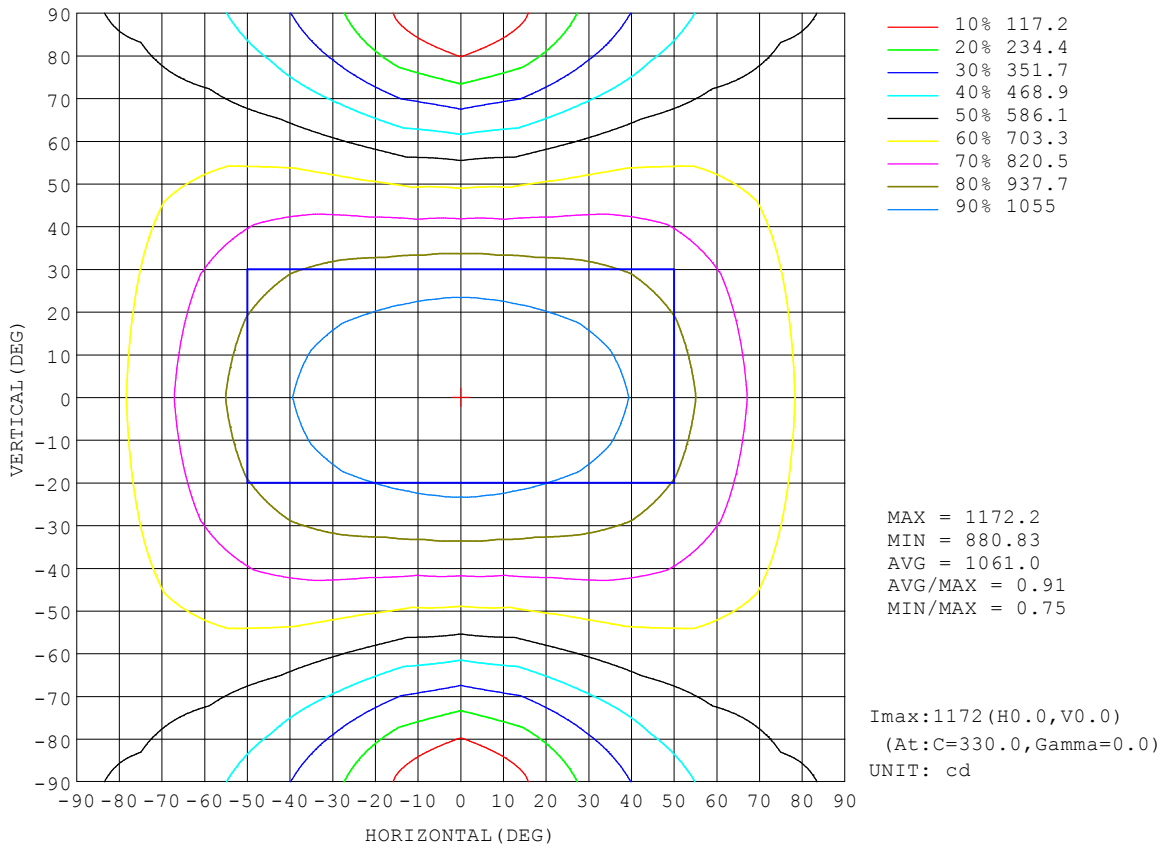
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	46	34	26	45	33	26	42	32	25	19
0.80	55	42	34	53	41	33	50	39	32	24
1.00	63	50	41	61	48	41	56	48	39	30
1.25	70	57	48	67	55	47	62	52	45	35
1.50	75	62	54	72	61	53	66	57	50	39
2.00	82	71	63	79	68	61	72	64	57	45
2.50	87	76	68	83	74	66	76	68	62	48
3.00	90	81	73	86	78	71	79	72	66	52
4.00	95	87	81	91	84	78	83	77	72	56
5.00	98	91	85	94	87	82	85	80	76	59
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:QC  
 Test Date:2022-06-17

Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.458  
 Humidity:65.0%  
 Test Distance:10.640m [K=1.0000]  
 Remarks:

ISOCANDELA DIAGRAM

Test:U:230.40V I:0.1682A P:37.162W PF:0.9591 Freq:49.99Hz UTHDi:0.21% ITHDi:10.05% KDisp:0.9649 Lamp Flux:5992.5lx1 lm		
NAME: RH-TP01-40W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



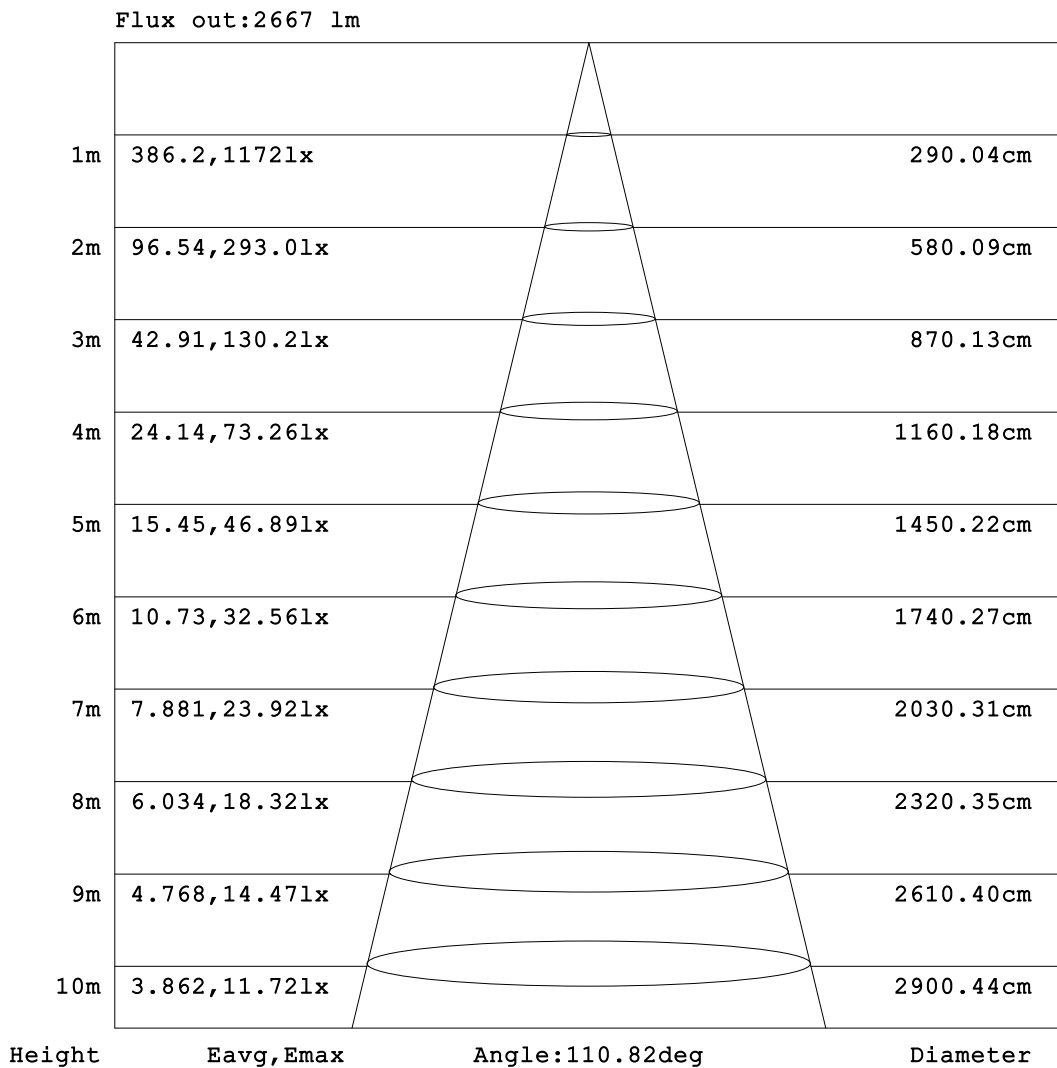
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:QC  
 Test Date:2022-06-17

Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.458  
 Humidity:65.0%  
 Test Distance:10.640m [K=1.0000]  
 Remarks:



**AAI Figure**

Test:U:230.40V I:0.1682A P:37.162W PF:0.9591 Freq:49.99Hz UTHDi:0.21% ITHDi:10.05% KDisp:0.9649 Lamp Flux:5992.5lx1 lm		
NAME: RH-TP01-40W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



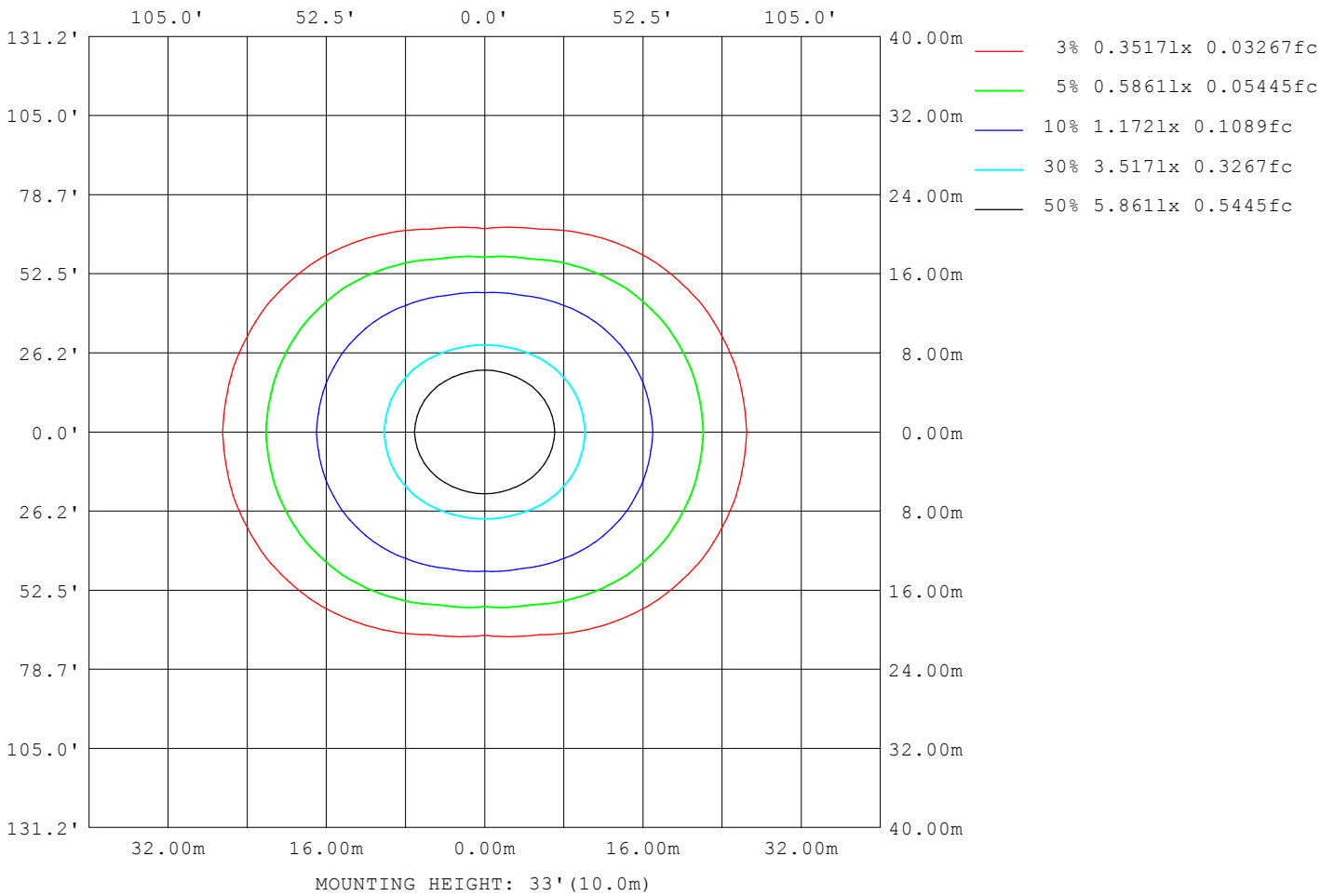
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:QC  
 Test Date:2022-06-17

Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.458  
 Humidity:65.0%  
 Test Distance:10.640m [K=1.0000]  
 Remarks:

**ISOLUX DIAGRAM**

Test:U:230.40V I:0.1682A P:37.162W PF:0.9591 Freq:49.99Hz UTHDi:0.21% ITHDi:10.05% KDisp:0.9649 Lamp Flux:5992.5lx1 lm		
NAME: RH-TP01-40W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:QC  
 Test Date:2022-06-17

Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.458  
 Humidity:65.0%  
 Test Distance:10.640m [K=1.0000]  
 Remarks:

**LED Avg.L Report**

Test:U:230.40V I:0.1682A P:37.162W PF:0.9591 Freq:49.99Hz UTHDi:0.21% ITHDi:10.05% KDisp:0.9649 Lamp Flux:5992.51x1 lm		
NAME: RH-TP01-40W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

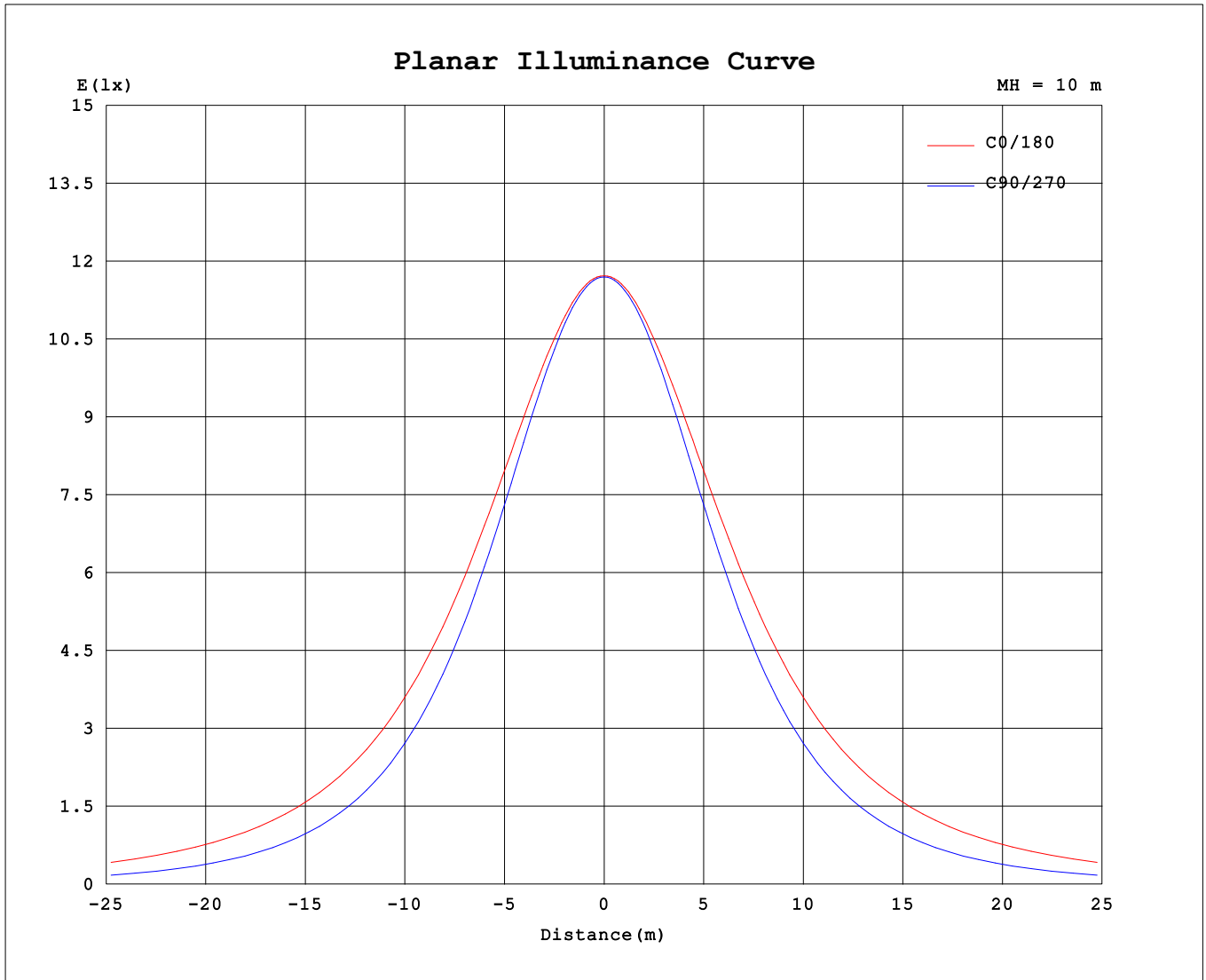
AvgL	cd/m2
L_0~180 (65) av	27834
L_0~180 (75) av	39798
L_0~180 (85) av	102467
L_90~270 (65) av	13279
L_90~270 (75) av	10985
L_90~270 (85) av	6607
L_45 (65) av	22290
L_45 (75) av	29637
L_45 (85) av	70711

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:QC  
 Test Date:2022-06-17

Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.458  
 Humidity:65.0%  
 Test Distance:10.640m [K=1.0000]  
 Remarks:

**Planar Illuminance Curve**



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3°C  
 Operators: QC  
 Test Date: 2022-06-17

Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.458  
 Humidity: 65.0%  
 Test Distance: 10.640m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.40V I:0.1682A P:37.162W PF:0.9591 Freq:49.99Hz		
UTHDi:0.21% ITHDi:10.05% KDisp:0.9649 Lamp Flux:5992.5lx1 lm		
NAME: RH-TP01-40W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C (DEG) □ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	1169	1169	1169	1169	1169	1169	1169	1169	1169	1169	1169	1169	1169	1169	1169	1169	1169	1169	1169
5	1166	1165	1165	1164	1164	1163	1163	1163	1164	1164	1165	1165	1166	1165	1165	1164	1164	1163	1163
10	1157	1156	1155	1152	1150	1148	1147	1148	1150	1152	1155	1156	1157	1156	1155	1152	1150	1148	1147
15	1145	1143	1138	1132	1126	1122	1120	1122	1126	1132	1138	1143	1145	1143	1138	1132	1126	1122	1120
20	1131	1127	1119	1106	1094	1087	1084	1087	1094	1106	1119	1127	1131	1127	1119	1106	1094	1087	1084
25	1115	1110	1095	1075	1054	1042	1038	1042	1054	1075	1095	1110	1115	1110	1095	1075	1054	1042	1038
30	1098	1090	1069	1038	1008	988	982	988	1008	1038	1069	1090	1098	1090	1069	1038	1008	988	982
35	1076	1066	1038	998	956	927	918	927	956	998	1038	1066	1076	1066	1038	998	956	927	918
40	1048	1037	1004	954	898	859	847	859	898	954	1004	1037	1048	1037	1004	954	898	859	847
45	1016	1002	964	905	837	785	768	785	837	905	964	1002	1016	1002	964	905	837	785	768
50	978	963	919	851	772	706	684	706	772	851	919	963	978	963	919	851	772	706	684
55	936	919	870	794	704	622	594	622	704	794	870	919	936	919	870	794	704	622	594
60	890	871	817	735	633	536	499	536	633	735	817	871	890	871	817	735	633	536	499
65	840	820	762	673	560	448	401	448	560	673	762	820	840	820	762	673	560	448	401
70	788	767	706	610	488	361	301	361	488	610	706	767	788	767	706	610	488	361	301
75	735	714	649	548	418	277	203	277	418	548	649	714	735	714	649	548	418	277	203
80	685	662	595	490	353	202	113	202	353	490	595	662	685	662	595	490	353	202	113
85	638	615	547	440	300	143	41.1	143	300	440	547	615	638	615	547	440	300	143	41.1
90	596	573	505	399	262	108	8.19	108	262	399	505	573	596	573	505	399	262	108	8.19
95	558	535	470	367	236	94.1	9.89	94.1	236	367	470	535	558	535	470	367	236	94.1	9.89
100	523	502	439	341	217	88.2	13.6	88.2	217	341	439	502	523	502	439	341	217	88.2	13.6
105	491	470	411	318	202	84.5	17.5	84.5	202	318	411	470	491	470	411	318	202	84.5	17.5
110	459	440	383	294	184	82.5	21.9	82.5	184	294	383	440	459	440	383	294	184	82.5	21.9
115	427	409	357	266	166	80.3	26.6	80.3	166	266	357	409	427	409	357	266	166	80.3	26.6
120	395	378	328	238	154	78.3	31.3	78.3	154	238	328	378	395	378	328	238	154	78.3	31.3
125	363	348	293	214	144	77.0	36.0	77.0	144	214	293	348	363	348	293	214	144	77.0	36.0
130	332	318	256	194	133	75.9	40.7	75.9	133	194	256	318	332	318	256	194	133	75.9	40.7
135	301	287	225	176	124	75.0	45.7	75.0	124	176	225	287	301	287	225	176	124	75.0	45.7
140	271	255	200	159	116	75.4	51.4	75.4	116	159	200	255	271	255	200	159	116	75.4	51.4
145	242	217	181	144	110	75.0	57.0	75.0	110	144	181	217	242	217	181	144	110	75.0	57.0
150	214	179	159	131	104	75.9	62.9	75.9	104	131	159	179	214	179	159	131	104	75.9	62.9
155	185	150	138	119	99.1	79.0	69.5	79.0	99.1	119	138	150	185	150	138	119	99.1	79.0	69.5
160	156	126	119	108	93.4	81.4	75.8	81.4	93.4	108	119	126	156	126	119	108	93.4	81.4	75.8
165	129	107	103	98.1	91.9	84.4	81.6	84.4	91.9	98.1	103	107	129	107	103	98.1	91.9	84.4	81.6
170	91.7	87.4	91.0	93.5	90.2	87.3	86.3	87.3	90.2	93.5	91.0	87.4	91.7	87.4	91.0	93.5	90.2	87.3	86.3
175	70.2	76.8	86.9	89.8	90.2	90.0	90.0	90.0	90.2	89.8	86.9	76.8	70.2	76.8	86.9	89.8	90.2	90.0	90.0
180	67.8	75.3	86.0	89.6	91.2	91.9	92.2	91.9	91.2	89.6	86.0	75.3	67.8	75.3	86.0	89.6	91.2	91.9	92.2

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:QC  
 Test Date:2022-06-17

□ Range: 0 - 180DEG  
 □ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.458  
 Humidity:65.0%  
 Test Distance:10.640m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.40V I:0.1682A P:37.162W PF:0.9591 Freq:49.99Hz		
UTHDi:0.21% ITHDi:10.05% KDisp:0.9649 Lamp Flux:5992.51x1 lm		
NAME: RH-TP01-40W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C (DEG) □ (DEG)	285	300	315	330	345														
0	1169	1169	1169	1169	1169														
5	1163	1164	1164	1165	1165														
10	1148	1150	1152	1155	1156														
15	1122	1126	1132	1138	1143														
20	1087	1094	1106	1119	1127														
25	1042	1054	1075	1095	1110														
30	988	1008	1038	1069	1090														
35	927	956	998	1038	1066														
40	859	898	954	1004	1037														
45	785	837	905	964	1002														
50	706	772	851	919	963														
55	622	704	794	870	919														
60	536	633	735	817	871														
65	448	560	673	762	820														
70	361	488	610	706	767														
75	277	418	548	649	714														
80	202	353	490	595	662														
85	143	300	440	547	615														
90	108	262	399	505	573														
95	94.1	236	367	470	535														
100	88.2	217	341	439	502														
105	84.5	202	318	411	470														
110	82.5	184	294	383	440														
115	80.3	166	266	357	409														
120	78.3	154	238	328	378														
125	77.0	144	214	293	348														
130	75.9	133	194	256	318														
135	75.0	124	176	225	287														
140	75.4	116	159	200	255														
145	75.0	110	144	181	217														
150	75.9	104	131	159	179														
155	79.0	99.1	119	138	150														
160	81.4	93.4	108	119	126														
165	84.4	91.9	98.1	103	107														
170	87.3	90.2	93.5	91.0	87.4														
175	90.0	90.2	89.8	86.9	76.8														
180	91.9	91.2	89.6	86.0	75.3														

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:QC  
 Test Date:2022-06-17

□ Range: 0 - 180DEG  
 □ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.458  
 Humidity:65.0%  
 Test Distance:10.640m [K=1.0000]  
 Remarks: