

Report No.: ORE-HBL-150W

Test Time: 2018/8/29 12:23

Luminaire Property

Luminaire Manufacturer: ORE LIGHTING INC

Luminaire Category: High Bay Light

Lamp Catalog: SMD

Number of Lamps: 298

Luminous Length (mm): 210mm

Luminous Height (mm): 1.6mm

Current: 0.7 A

Power Factor: 0.99

Luminaire Description: ORE-HBL-150W

Lamp Description: 3030

Lumens per Lamp: 22300/150w

Luminous Width (mm): 210mm

Voltage: 219v

Power: 149w

Photometric Results

IES NEMA Type: 7H x 7V

Measurement Flux: 21054lm

Field Lumens: 20688lm

Field Angle: H152.1, V152.8

Luminaire Efficacy Rating (LER): 142

Max. Intensity: 7902 cd

Total Rated Lamp Lumens: 22300lm

Efficiency: 95%

Field Efficiency: 93%

Beam Angle: H111.1, V109.2

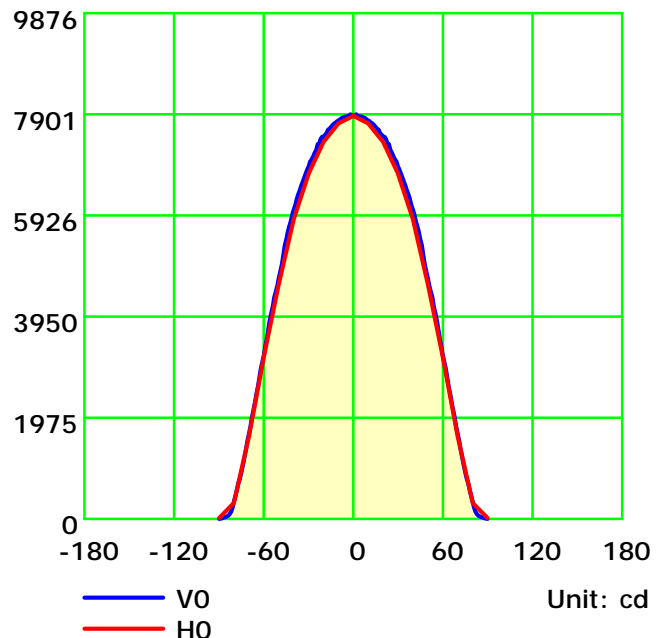
Central Intensity: 7876 cd

Pos of Max. Intensity: H0 V2

Picture Of Luminaire



Luminous Intensity Distribution Curve



B Plane (°):0.0-90.0: 10.0

Test Lab: ORE

Test Type: TYPE B

Temperature:

Operator:

Beta Plane (°):0.0-90.0:1.0

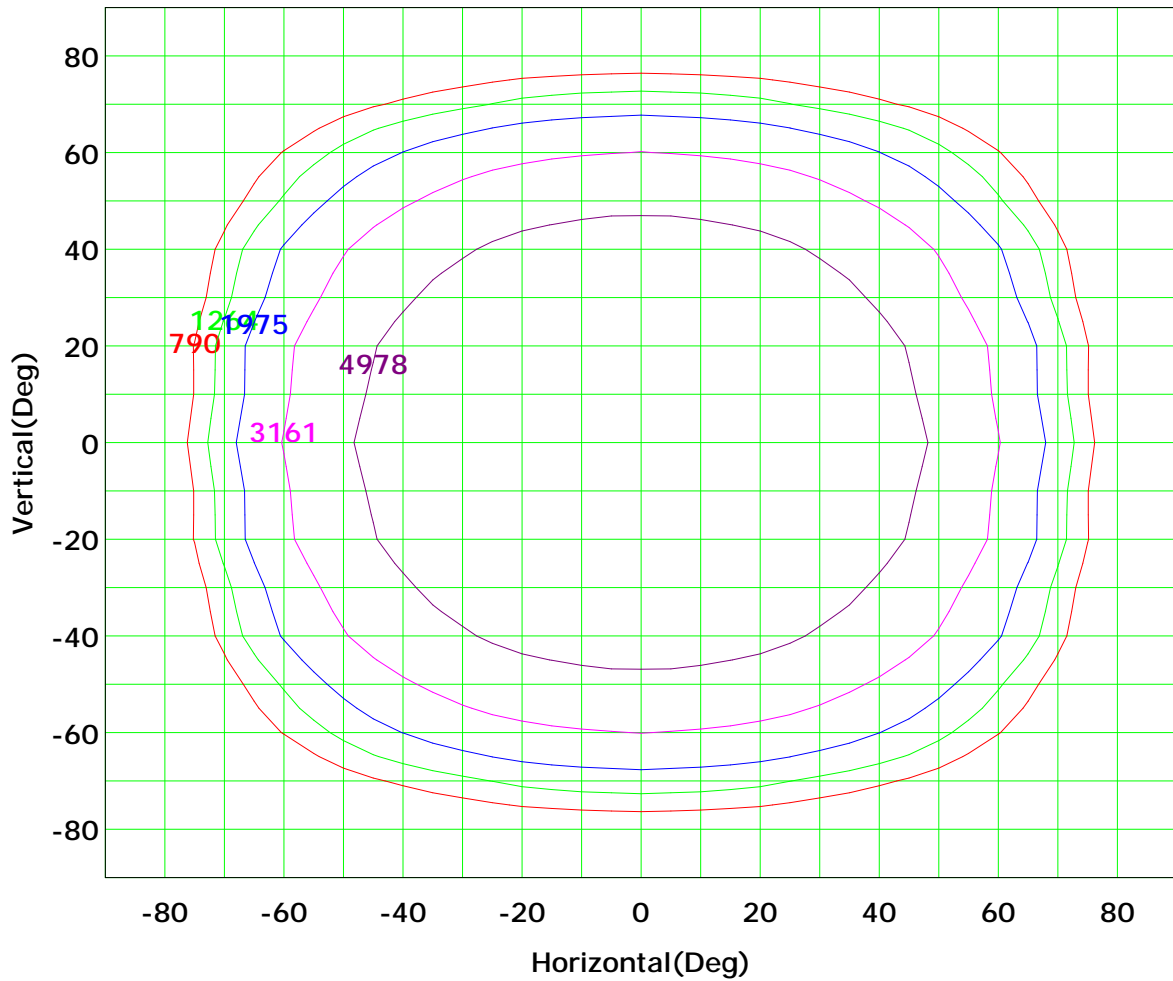
Test Device: GPM-1800B

Distance: 14.835 m

Humidity:

Inspector:

Isocandela (rectangle)



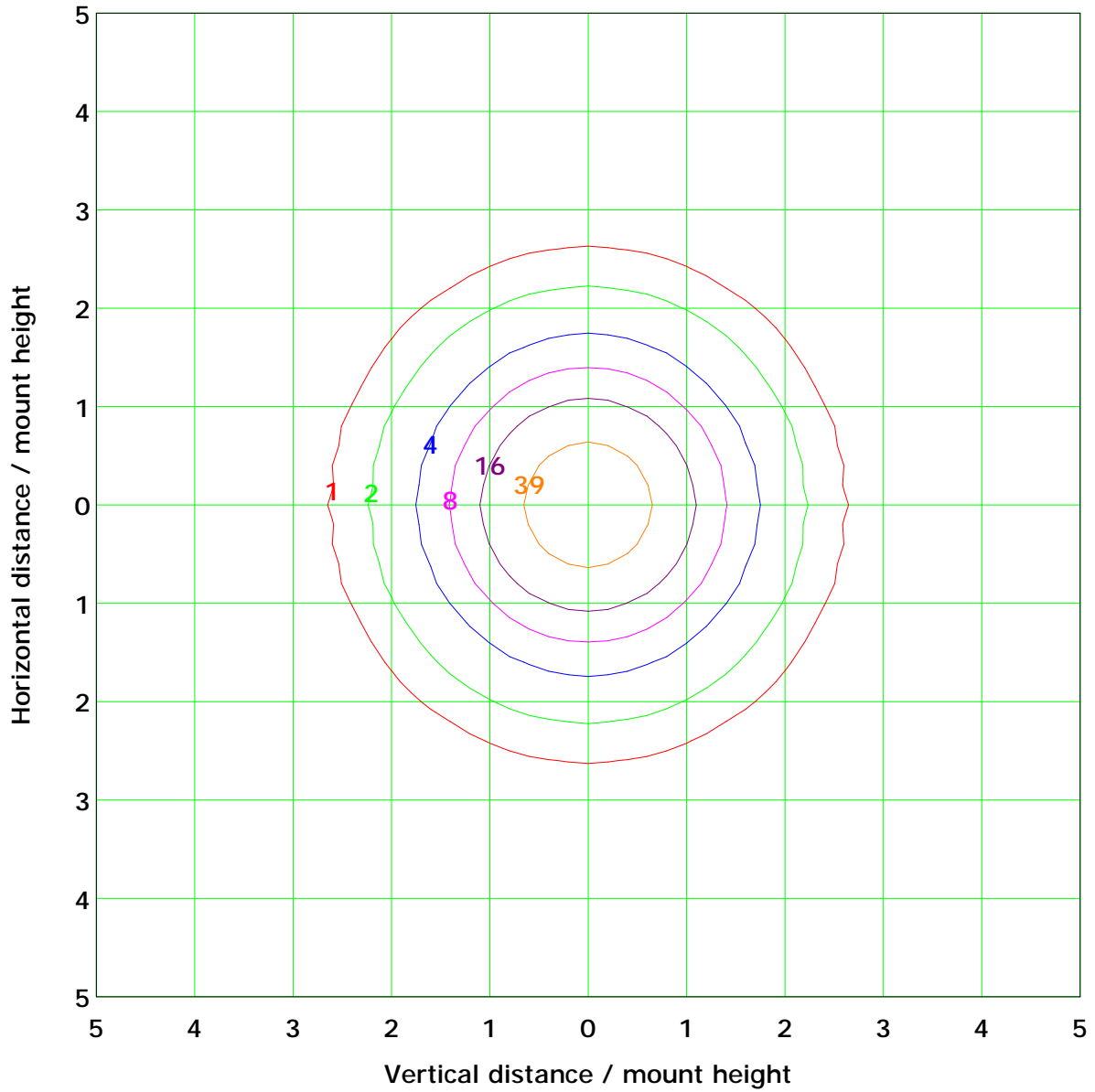
I_{max} (100%): 7901 cd

— (10%): 790 cd	— (16%): 1264 cd
— (25%): 1975 cd	— (40%): 3161 cd
— (63%): 4978 cd	— (100%): 7901 cd

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 Distance: 14.835 m
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IsoLux Plot

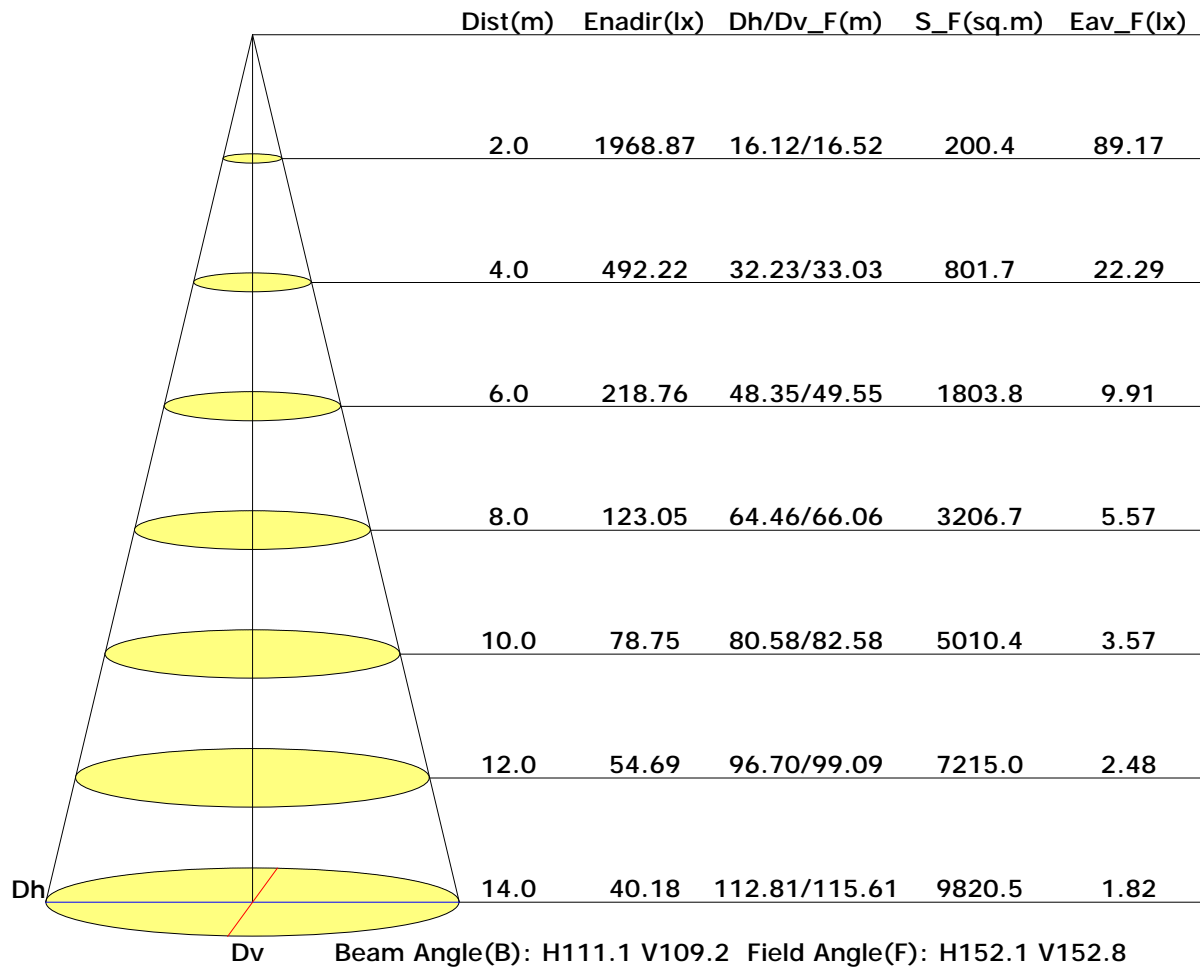


Mounting Height: 10.0m		Max Lux(100%): 78.9 lx	
— (1%): 0.8 lx	— (2%): 1.6 lx	— (5%): 3.9 lx	— (10%): 7.9 lx
— (20%): 15.8 lx	— (50%): 39.4 lx	— (100%): 78.9 lx	

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Illuminance at a Distance



B Plane (°):0.0-90.0: 10.0
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Beta Plane (°):0.0-90.0:1.0
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Area Flux Table

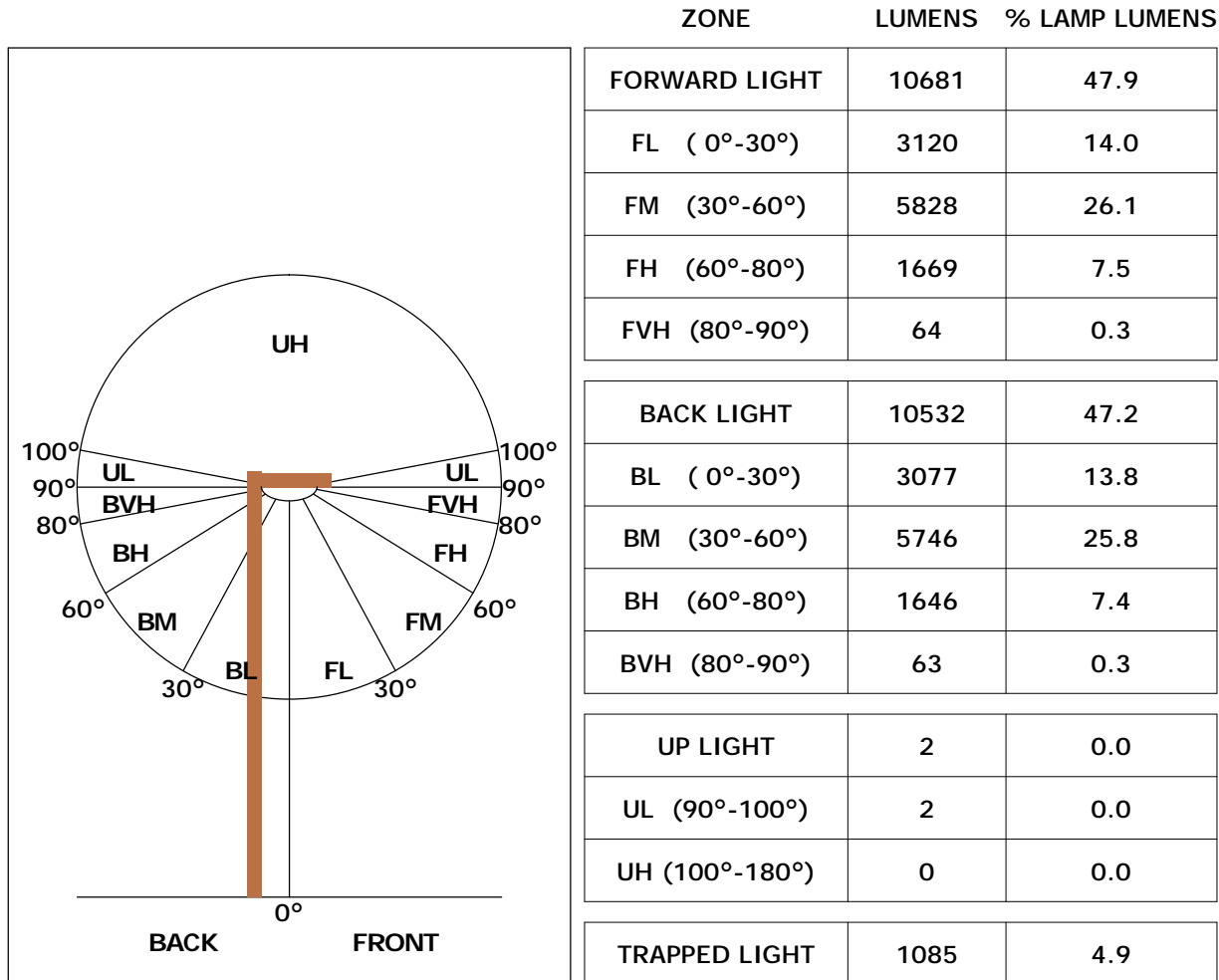
Unit: lm

		Vertical plane																				
		-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90		
Flux(E)	Flux(T)	0.0	0.2	0.4	0.7	1.2	1.9	3.2	4.4	5.0	5.0	4.4	3.2	1.9	1.2	0.7	0.4	0.2	0.0	0.0	33.8	0.0
0.1	0.3	0.3	1.2	4.1	8.9	14.3	20.5	25.9	28.8	28.8	25.9	20.5	14.3	8.9	4.1	1.2	0.3	0.1	0.1	0.1	207.9	120.6
0.1	0.7	4.5	13.3	26.3	40.7	54.6	65.4	71.4	71.4	65.4	54.6	40.7	26.3	13.3	4.5	0.7	0.1	0.1	0.1	0.1	554.2	529.9
0.1	1.6	9.8	25.4	46.6	69.8	91.7	107.5	116.4	116.4	107.5	91.7	69.8	46.6	25.4	9.8	1.6	0.1	0.1	0.1	0.1	937.7	925.7
0.1	3.2	15.8	38.2	67.0	97.2	125.8	146.6	157.4	157.4	146.6	125.8	97.2	67.0	38.2	15.8	3.2	0.1	0.1	0.1	0.1	1302.4	294.7
0.2	4.7	21.1	49.1	84.3	121.1	154.2	178.0	189.9	189.9	178.0	154.2	121.1	84.3	49.1	21.1	4.7	0.2	0.2	0.2	0.2	1605.1	599.7
0.2	6.1	25.8	58.2	98.5	140.5	175.5	199.9	212.5	212.5	199.9	175.5	140.5	98.5	58.2	25.8	6.1	0.2	0.2	0.2	0.2	1834.3	829.7
0.3	7.5	30.6	68.1	114.1	159.3	195.9	222.0	235.5	235.5	222.0	195.9	159.3	114.1	68.1	30.6	7.5	0.3	0.3	0.3	0.3	2066.2	062.9
0.3	7.5	30.6	68.1	114.1	159.3	195.9	222.0	235.5	235.5	222.0	195.9	159.3	114.1	68.1	30.6	7.5	0.3	0.3	0.3	0.3	2066.2	062.9
0.3	7.0	28.9	64.6	108.5	153.0	188.8	214.1	227.4	227.4	214.1	188.8	153.0	108.5	64.6	28.9	7.0	0.3	0.3	0.3	0.3	1985.2	981.1
0.2	6.1	25.8	58.2	98.5	140.5	175.5	199.9	212.5	212.5	199.9	175.5	140.5	98.5	58.2	25.8	6.1	0.2	0.2	0.2	0.2	1834.3	829.7
0.2	4.7	21.1	49.1	84.3	121.1	154.2	178.0	189.9	189.9	178.0	154.2	121.1	84.3	49.1	21.1	4.7	0.2	0.2	0.2	0.2	1605.1	599.7
0.1	3.2	15.8	38.2	67.0	97.2	125.8	146.6	157.4	157.4	146.6	125.8	97.2	67.0	38.2	15.8	3.2	0.1	0.1	0.1	0.1	1302.4	294.7
0.1	1.6	9.8	25.4	46.6	69.8	91.7	107.5	116.4	116.4	107.5	91.7	69.8	46.6	25.4	9.8	1.6	0.1	0.1	0.1	0.1	937.7	925.7
0.1	0.7	4.5	13.3	26.3	40.7	54.6	65.4	71.4	71.4	65.4	54.6	40.7	26.3	13.3	4.5	0.7	0.1	0.1	0.1	0.1	554.2	529.9
0.1	0.3	1.2	4.1	8.9	14.3	20.5	25.9	28.8	28.8	25.9	20.5	14.3	8.9	4.1	1.2	0.3	0.1	0.1	0.1	0.1	207.9	120.6
0.0	0.2	0.4	0.7	1.2	1.9	3.2	4.4	5.0	5.0	4.4	3.2	1.9	1.2	0.7	0.4	0.2	0.0	0.0	0.0	0.0	33.8	0.0
2.6	62.6	276.2	643.3	1110.8	1595.2	2020.2	2327.4	2488.4	2488.4	2327.4	2020.2	1595.2	1110.8	643.3	276.2	62.6	2.6	2.6	2.6	2.6	21054	
0.0	35.0	254.0	622.4	1089.1	1574.1	2020.2	2327.4	2488.4	2488.4	2327.4	2020.2	1574.1	1089.1	622.4	254.0	35.0	0.0	0.0	0.0	0.0	20688	

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 Distance: 14.835 m
 Humidity:
 Inspector:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM



BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B4 U1 G3
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B4 U1 G1

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