



IYON M LED

Applications: LED spotlight with stabilized color temperature; optimized for efficient accent lighting in shops and showrooms. Superior accentuation thanks to precision reflector. easy tool-free replacement of reflector and accessories. Innovative thermal design achieves passive cooling. Compact, timeless spotlight design, specially developed for integrating high-power LED modules.



IBEW Union Made

Type: _____

Project: _____

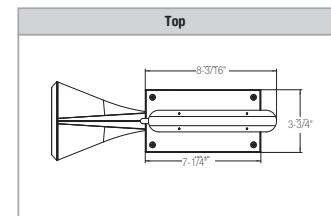
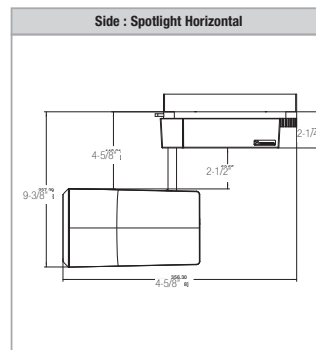
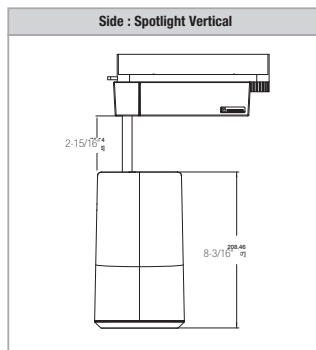
IYON MEDIUM LED SPOTLIGHT

IYONM				90			
FIXTURE	LUMEN OUTPUT	CCT	BEAM SPREAD	CRI	FINISH	ADAPTER	DRIVER
IYONM Iyon Medium Spotlight	3100 lm 2100 lm	K30 3000K	FL Flood SP Spot WF Wide Flood	90 90+ CRI	WH White BK Black	EU11 1-Circuit 120v EU21 2-Circuit 120v EU22 2-Circuit 277v EU11C 1-Circuit 120v Control EU21C 2-Circuit 120v Control	SW Non-dimming SWITCHED DT Triac DIMMING (120V only) DA_ 1-10V Dimming DD_ DALI Dimming (Specify 120V-277V) DH_ Lutron Hi-Lume
	3300 lm 2300 lm	K40 4000K					
	2400 lm	TG TGR*					

IYON MEDIUM ACCESSORIES - ORDERED SEPERATELY

60700260	Iyon M Black LED Anti-glare ring
60700273	Iyon M Black Honeycomb louver
60700271	Iyon M Oval Outline Diffuser 50°
60700277	Iyon M / Vivo L LED REFL FL
60700276	Iyon M / Vivo L LED REFL SP
60700280	Iyon M / Vivo L LED REFL WFL

Dimensional Data



Technical Data

- Track** – IYONM is compatible with EUTRAC™. For additional information regarding the EUTRAC™ please see spec sheet on the website using FIF1176.
- Adaptor / Driverbox** – Track adapter and injection molded polycarbonate driver box are supplied with the fixture.
- Housing** – Die-cast aluminum housing finished in powder coated white or black.
- Rotation and Pivot** – Spotlight head rotates through 360°, pivots through 90°
- Wattage, CCT, CRI** – Unit is available in Spot, Flood and Wide Flood distribution. 24W or 36W. 3000K, 4000K color temperature. White LEDs with 90+ color rendering. Optional TGR True Gamut Rendering. 3000K, 90CRI. *TGR enables lively color effects particularly with white and colored apparel.
- Dimming** – Standard unit is non-dimming switched, use EU11 or EU22. Triac dimming (120V only) use EU11 or EU21. Integral 0-10V, DALI, Lutron Hi-Lume or Lutron 5-series dimming require control track, use EU11C or EU22C based on voltage and circuit

quantity.

7. Life – 50,000 hours rated life. L70.

8. Optic – Polycarbonate (PC) aluminiumsputtered specular reflector.

9. Beam Spread – Options of Spot, Flood and Wide Flood.

10. Clean Beam – Symmetric beam pattern, free of striations with smooth transition from center beam to outer edge.

11. Internal Accessory Holder – Front cylinder of housing accommodates accessories internally and provides a seamless appearance.

12. Accessories – Black Anti-glare ring, Black Honeycomb louver, or Oval Outline Diffuser 50°.

13. Weight – 4 lbs.

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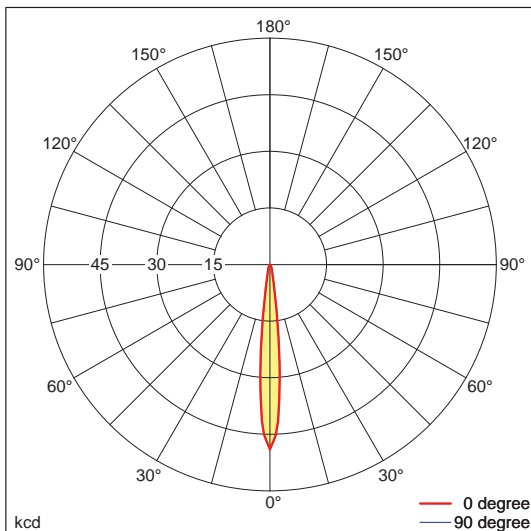
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February 20, 2017 2:16 PM

Photometric Data

IYONM3300K40SP90WHEU11SW



Technical Description

Designation	IYON M LED3300-940 3CV SP-S WHMM
Manufacturers	Zumtobel Lighting
Total lamp lumens	3300 lm
Input watts	36.0 W

Coefficients of Utilization

Ceiling	80				70				50			30		
Walls	70	50	30	10	70	50	30	10	50	30	10	50	30	10
RCR	Effective Floor Cavity Reflectance = 20%								Spacing Criteria (along, across, 45°) = 0.2, 0.2, 0.2					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106
1	83	67	53	40	79	64	51	39	59	47	37	54	44	36
2	78	62	48	37	74	59	47	36	55	44	35	51	42	34
3	74	57	45	35	70	56	44	35	52	42	34	49	40	33
4	70	54	42	33	67	52	42	33	50	40	32	47	39	32
5	66	51	40	32	64	50	40	32	47	38	31	45	37	31
6	63	48	38	31	61	47	38	31	45	37	31	44	36	30
7	61	46	37	30	59	45	36	30	44	36	30	42	35	30
8	58	44	35	29	57	44	35	29	42	35	29	41	34	29
9	56	43	34	29	55	42	34	29	41	34	28	40	33	28
10	54	41	33	28	53	41	33	28	40	33	28	39	32	28

Luminances

	C0	C15	C30	C45	C60	C75	C90
55.0°	952	952	952	952	952	952	952
60.0°	1176	1176	1176	1176	1176	1176	1176
65.0°	1690	1690	1690	1690	1690	1690	1690
70.0°	2826	2826	2826	2826	2826	2826	2826
75.0°	2922	2922	2922	2922	2922	2922	2922
80.0°	4113	4113	4113	4113	4113	4113	4113
85.0°	7713	7713	7713	7713	7713	7713	7713
90.0°	-	-	-	-	-	-	-

Luminances in cd/m² based on 3300 lm

Candela distribution

	0	15	30	45	60	75	90
0.0°	48933	48933	48933	48933	48933	48933	48933
10.0°	6955	6955	6955	6955	6955	6955	6955
20.0°	1459	1459	1459	1459	1459	1459	1459
30.0°	325	325	325	325	325	325	325
40.0°	6	6	6	6	6	6	6
50.0°	4	4	4	4	4	4	4
60.0°	5	5	5	5	5	5	5
70.0°	8	8	8	8	8	8	8
80.0°	6	6	6	6	6	6	6
90.0°	0	0	0	0	0	0	0
100.0°	0	0	0	0	0	0	0
110.0°	0	0	0	0	0	0	0
120.0°	0	0	0	0	0	0	0
130.0°	0	0	0	0	0	0	0
140.0°	0	0	0	0	0	0	0
150.0°	0	0	0	0	0	0	0
160.0°	0	0	0	0	0	0	0
170.0°	0	0	0	0	0	0	0
180.0°	0	0	0	0	0	0	0

Intensities in cd based on 3300 lm

All values are rated values. Luminous flux and connected electrical load are subject to an initial tolerance of +/- 10%. Tolerance of color temperature: +/- 150 K. Unless stated otherwise, the values apply to an ambient temperature of 25°C.

Refer to IES Files for further photometric information at www.zumtobel.us

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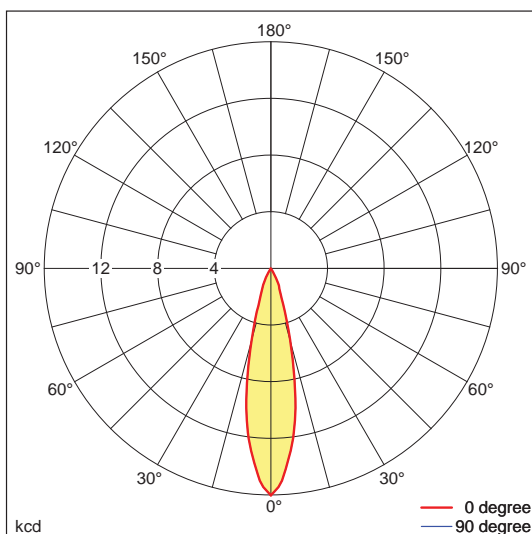
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IYONM3300K40FL90WHEU11SW



Technical Description

Designation	IYON M LED3300-940 3CV FL-S WHMM
Manufacturers	Zumtobel Lighting
Total lamp lumens	3300 lm
Input watts	36.0 W

Coefficients of Utilization

Ceiling	80				70				50			30		
Walls	70	50	30	10	70	50	30	10	50	30	10	50	30	10
RCR	Effective Floor Cavity Reflectance = 20%								Spacing Criteria (along, across, 45°) = 0.4, 0.4, 0.4					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106
1	82	66	52	39	78	63	50	38	58	47	36	53	44	35
2	77	61	47	36	74	59	46	35	54	43	34	50	41	33
3	73	56	44	34	70	55	43	33	51	41	32	48	39	32
4	69	53	41	32	66	51	40	31	48	39	31	46	37	30
5	65	49	38	30	63	48	38	30	46	37	29	44	35	29
6	62	47	36	29	60	46	36	29	44	35	28	42	34	28
7	59	44	35	28	57	43	34	28	42	33	27	40	33	27
8	56	42	33	27	55	41	33	27	40	32	26	39	31	26
9	54	40	32	26	53	40	31	26	38	31	26	37	30	25
10	52	38	30	25	51	38	30	25	37	30	25	36	29	25

Luminances

	C0	C15	C30	C45	C60	C75	C90
55.0°	1685	1685	1685	1685	1685	1685	1685
60.0°	2101	2101	2101	2101	2101	2101	2101
65.0°	2486	2486	2486	2486	2486	2486	2486
70.0°	3194	3194	3194	3194	3194	3194	3194
75.0°	4383	4383	4383	4383	4383	4383	4383
80.0°	6533	6533	6533	6533	6533	6533	6533
85.0°	12534	12534	12534	12534	12534	12534	12534
90.0°	-	-	-	-	-	-	-

Luminances in cd/m² based on 3300 lm

Candela distribution

	0	15	30	45	60	75	90
0.0°	16015	16015	16015	16015	16015	16015	16015
10.0°	10013	10013	10013	10013	10013	10013	10013
20.0°	2227	2227	2227	2227	2227	2227	2227
30.0°	349	349	349	349	349	349	349
40.0°	8	8	8	8	8	8	8
50.0°	7	7	7	7	7	7	7
60.0°	8	8	8	8	8	8	8
70.0°	9	9	9	9	9	9	9
80.0°	9	9	9	9	9	9	9
90.0°	0	0	0	0	0	0	0
100.0°	0	0	0	0	0	0	0
110.0°	0	0	0	0	0	0	0
120.0°	0	0	0	0	0	0	0
130.0°	0	0	0	0	0	0	0
140.0°	0	0	0	0	0	0	0
150.0°	0	0	0	0	0	0	0
160.0°	0	0	0	0	0	0	0
170.0°	0	0	0	0	0	0	0
180.0°	0	0	0	0	0	0	0

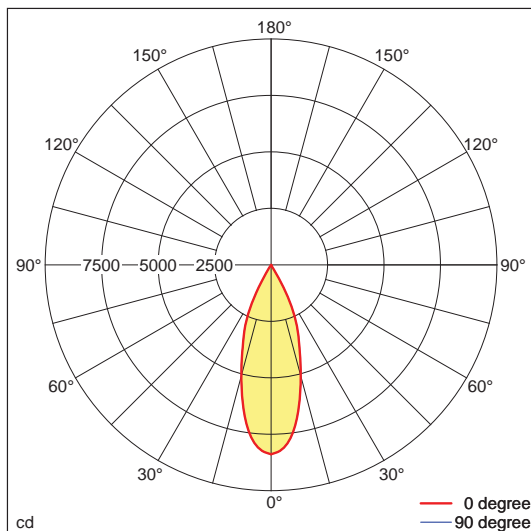
Intensities in cd based on 3300 lm

All values are rated values. Luminous flux and connected electrical load are subject to an initial tolerance of +/- 10%. Tolerance of color temperature: +/- 150 K. Unless stated otherwise, the values apply to an ambient temperature of 25°C.

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Photometric Data

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Technical Description

Designation	IYON M LED3300-940 3CV WFL-S WHMM
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Total lamp lumens	3300 lm
Input watts	36.0 W

Coefficients of Utilization

Ceiling	80				70				50			30		
Walls	70	50	30	10	70	50	30	10	50	30	10	50	30	10
RCR	Effective Floor Cavity Reflectance = 20%								Spacing Criteria (along, across, 45°) = 0.6, 0.6, 0.6					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106
1	82	66	52	39	78	63	50	38	58	46	36	53	43	34
2	77	60	47	35	73	58	45	35	54	43	33	50	40	32
3	72	56	43	32	69	54	42	32	50	40	31	47	38	30
4	68	52	39	30	65	50	39	30	47	37	29	44	36	29
5	64	48	37	28	62	47	36	28	44	35	28	42	34	27
6	61	45	35	27	59	44	34	27	42	33	26	40	32	26
7	58	42	33	26	56	42	32	25	40	31	25	38	31	25
8	55	40	31	24	53	39	30	24	38	30	24	37	29	24
9	52	38	29	23	51	37	29	23	36	28	23	35	28	23
10	50	36	28	22	49	36	28	22	35	27	22	34	27	22

Luminances

	C0	C15	C30	C45	C60	C75	C90
55.0°	1685	1685	1685	1685	1685	1685	1685
60.0°	2017	2017	2017	2017	2017	2017	2017
65.0°	2486	2486	2486	2486	2486	2486	2486
70.0°	3194	3194	3194	3194	3194	3194	3194
75.0°	4383	4383	4383	4383	4383	4383	4383
80.0°	6533	6533	6533	6533	6533	6533	6533
85.0°	11088	11088	11088	11088	11088	11088	11088
90.0°	-	-	-	-	-	-	-

Luminances in cd/m² based on 3300 lm

Candela distribution

	0	15	30	45	60	75	90
0.0°	8378	8378	8378	8378	8378	8378	8378
10.0°	6761	6761	6761	6761	6761	6761	6761
20.0°	3603	3603	3603	3603	3603	3603	3603
30.0°	807	807	807	807	807	807	807
40.0°	10	10	10	10	10	10	10
50.0°	8	8	8	8	8	8	8
60.0°	8	8	8	8	8	8	8
70.0°	9	9	9	9	9	9	9
80.0°	9	9	9	9	9	9	9
90.0°	2	2	2	2	2	2	2
100.0°	0	0	0	0	0	0	0
110.0°	0	0	0	0	0	0	0
120.0°	0	0	0	0	0	0	0
130.0°	0	0	0	0	0	0	0
140.0°	0	0	0	0	0	0	0
150.0°	0	0	0	0	0	0	0
160.0°	0	0	0	0	0	0	0
170.0°	0	0	0	0	0	0	0
180.0°	0	0	0	0	0	0	0

Intensities in cd based on 3300 lm

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